

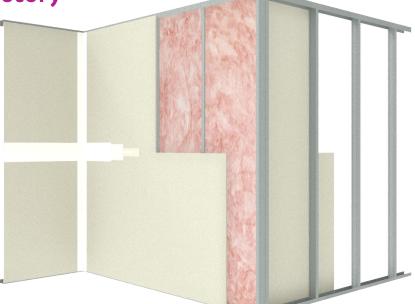
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# 3.1 Internal Steel Framed Partition Walls

Internal steel framed walls are used in commercial and high-rise applications such as office buildings and apartment blocks. They are light weight, quick to install, and the components are easy to deliver on site.

This section includes systems, installation instructions and construction details for general and fire rated internal steel stud walls.

# **System Directory**



### **Non-fire Rated Internal Partition Walls**

Sucham	Cido 1	Side 2	Гара	FRL	Aco	ustics1
System	Side 1	Side 2	Frame	FRL	Rw	Rw+Ctr
SSW1	1 x 10mm <b>masta</b> shield	-	Stud	-		
SSW10	1 x 10mm <b>masta</b> shield	1 x 10mm mastashield	Stud	-	40	31
SSW11	1 x 10mm <b>masta</b> shield	2 x 10mm <b>masta</b> shield	Stud	-	45	35
SSW12	2 x 10mm <b>masta</b> shield	2 x 10mm <b>masta</b> shield	Stud	-	50	40
SSW210	1 x 10mm <b>sound</b> shield	1 x 10mm <b>sound</b> shield	Stud	-	43	34
SSW211	1 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Stud	-	49	39
SSW212	2 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Stud	-	53	44
SSW4	1 x 13mm <b>masta</b> shield	-	Stud	-	29	25
SSW15	1 x 13mm mastashield	1 x 13mm <b>masta</b> shield	Stud	-	43	33
SSW16	1 x 13mm mastashield	2 x 13mm <b>masta</b> shield	Stud	-	49	39
SSW17	2 x 13mm <b>masta</b> shield	2 x 13mm <b>masta</b> shield	Stud	-	53	44
SSW215	1 x 13mm <b>sound</b> shield	1 x 13mm <b>sound</b> shield	Stud	-	52	44
SSW216	1 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Stud	-	55	49
SSW217	2 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Stud	-	43	33
SSW276	1 x 10mm <b>sound</b> shield	1 x 10mm <b>sound</b> shield	Acoustic stud	-	47	38
SSW277	1 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Acoustic stud	-	50	42
SSW278	2 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Acoustic stud	-	57	48
SSW85	1 x 13mm mastashield	1 x 13mm <b>masta</b> shield	Acoustic stud	-	46	37
SSW86	1 x 13mm mastashield	2 x 13mm <b>masta</b> shield	Acoustic stud	-	50	41
SSW87	2 x 13mm <b>masta</b> shield	2 x 13mm <b>masta</b> shield	Acoustic stud	-	56	48
SSW281	1 x 13mm <b>sound</b> shield	1 x 13mm <b>sound</b> shield	Acoustic stud	-	50	42
SSW282	1 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Acoustic stud	-	57	49
SSW283	2 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Acoustic stud	-	62	54
SSW20	1 x 10mm mastashield	1 x 10mm mastashield	Staggered stud	-	42	31
SSW21	1 x 10mm mastashield	2 x 10mm mastashield	Staggered stud	-	47	35
SSW22	2 x 10mm mastashield	2 x 10mm mastashield	Staggered stud	-	52	42
SSW220	1 x 10mm <b>sound</b> shield	1 x 10mm <b>sound</b> shield	Staggered stud	-	45	33
SSW221	1 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Staggered stud	-	50	40
SSW222	2 x 10mm <b>sound</b> shield	2 x 10mm <b>sound</b> shield	Staggered stud	-	54	46
SSW25	1 x 13mm mastashield	1 x 13mm mastashield	Staggered stud	-	45	33
SSW26	1 x 13mm <b>masta</b> shield	2 x 13mm <b>masta</b> shield	Staggered stud	-	50	40
SSW27	2 x 13mm <b>masta</b> shield	2 x 13mm <b>masta</b> shield	Staggered stud	-	54	46
SSW225	1 x 13mm <b>sound</b> shield	1 x 13mm <b>sound</b> shield	Staggered stud	-	48	40
SSW226	1 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Staggered stud	-	52	46
SSW227	2 x 13mm <b>sound</b> shield	2 x 13mm <b>sound</b> shield	Staggered stud	-	58	51

1. Stud, Acoustic Stud and Staggered stud acoustic values determined using 92mm cavity with glasswool insulation.



# Fire Rated Internal Partition Walls

System	Side 1	Side 2	Frame		FRL	Acc	oustics <sup>1</sup>
System	51001	5108 2	Fidille			Rw	Rw+Ctr
SSW300	1 x 13mm <b>fire</b> shield	-	Stud			30	26
SSW301	2 x 13mm <b>fire</b> shield	-	Stud	-/30/30	30/30/30	34	30
SSW302	3 x 13mm fireshield	-	Stud	-/90/90	90/90/90	37	34
SSW310	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield	Stud	-/60/60	30/30/30	46	36
SSW311	1 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Stud	-/90/90	30/30/30	50	42
SSW312	2 x 13mm fireshield	2 x 13mm <b>fire</b> shield	Stud	-/120/120	90/90/90	55	47
SSW314	3 x 13mm <b>fire</b> shield	3 x 13mm <b>fire</b> shield	Stud	-/180/180	120/120/120	59	53
SSW910	1 x 13mm <b>tru</b> rock	1 x 13mm <b>tru</b> rock	Stud	-/60/60	30/30/30	47	39
SSW911	1 x 13mm <b>tru</b> rock	2 x 13mm <b>tru</b> rock	Stud	-/90/90	30/30/30	52	45
SSW912	2 x 13mm <b>tru</b> rock	2 x 13mm <b>tru</b> rock	Stud	-/120/120	90/90/90	56	50
SSW510	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Stud	-/60/60	30/30/30	51	42
SSW512	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Stud	-/90/90	30/30/30	55	47
SSW303	1 x 16mm <b>fire</b> shield	-	Stud	-	-		
SSW304	2 x 16mm <b>fire</b> shield	-	Stud	-/60/60	60/60/60	35	31
SSW305	3 x 16mm <b>fire</b> shield	-	Stud	-/120/120	120/120/120	38	35
SSW315	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield	Stud	-/90/90	60/60/60	48	39
SSW316	1 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Stud	-/120/120	60/60/60	52	45
SSW317	2 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Stud	-/120/120	120/120/120	56	50
SSW319	3 x 16mm <b>fire</b> shield	3 x 16mm <b>fire</b> shield	Stud	-/240/240	120/120/120	60	55
SSW580	4 x 16mm <b>fire</b> shield	4 x 16mm <b>fire</b> shield	Stud	-/240/240	180/180/180	66	61
SSW582	2 x 25mm <b>shaft</b> liner + 1 x 13mm <b>fire</b> shield	2 x 25mm <b>shaft</b> liner + 1 x 13mm <b>fire</b> shield	Stud	-/240/240	180/180/180	61	56
SSW514	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Stud	-/90/90	60/60/60	53	43
SSW516	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Stud	-/120/120	60/60/60	56	48
SSW386	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield	Acoustic stud	-/60/60	30/30/30	50	41
SSW387	1 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Acoustic stud	-/90/90	30/30/30	56	47
SSW388	2 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Acoustic stud	-/120/120	90/90/90	61	52
SSW396	1 x 13mm <b>fire</b> shield + 1 x 13mm <b>masta</b> shield	1 x 13mm <b>fire</b> shield + 1 x 13mm <b>masta</b> shield	Acoustic stud	-/90/90	60/60/60	58	51

1. Stud and Acoustic Stud acoustic values determined using 92mm cavity with glasswool insulation.

## **Fire Rated Internal Partition Walls**

System	Side 1	Side 2	Frame <sup>2</sup>	I	FRL	Aco Rw	ustics <sup>1,2</sup> Rw+Ctr
SSW551	2 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Acoustic stud	-/90/90	30/30/30	60	50
SSW552	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Acoustic stud	-/90/90	30/30/30	58	50
SSW391	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield	Acoustic stud	-/90/90	60/60/60	51	43
SSW392	1 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Acoustic stud	-/120/120	60/60/60	58	50
SSW393	2 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Acoustic stud	-/120/120	120/120/120	62	54
SSW397	1 x 16mm <b>fire</b> shield + 1 x 10mm <b>masta</b> shield	1 x 16mm <b>fire</b> shield + 1 x 10mm <b>masta</b> shield	Acoustic stud	-/120/120	60/60/60	61	51
SSW555	2 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Acoustic stud	-/120/120	60/60/60	62	53
SSW556	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Acoustic stud	-/120/120	60/60/60	61	51
SSW330	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield	Double stud	-/60/60	30/30/30	50	38
SSW331	1 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Double stud	-/90/90	30/30/30	60	50
SSW332	2 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Double stud	-/120/120	90/90/90	63	53
SSW380	1 x 13mm <b>fire</b> shield + 1 x 13mm <b>masta</b> shield	1 x 13mm <b>fire</b> shield + 1 x 13mm <b>masta</b> shield	Double stud	-/90/90	60/60/60	64	51
SSW531	2 x 13mm <b>fire</b> shield	1 x 13mm <mark>fire</mark> shield + 1 x 6mm Villaboard™	Double stud	-/90/90	30/30/30	63	50
SSW532	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Double stud	-/90/90	30/30/30	62	50
SSW335	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield	Double stud	-/90/90	60/60/60	60	50
SSW336	1 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Double stud	-/120/120	60/60/60	62	51
SSW337	2 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Double stud	-/120/120	120/120/120	65	55
SSW339	3 x 16mm <b>fire</b> shield	3 x 16mm <b>fire</b> shield	Double stud	-/240/240	120/120/120	72	61
SSW581	4 x 16mm <b>fire</b> shield	4 x 16mm <b>fire</b> shield	Double stud	-/240/240	180/180/180	79	71
SSW583	2 x 25mm <b>shaft</b> liner + 1 x 13mm <b>fire</b> shield	2 x 25mm <b>shaft</b> liner + 1 x 13mm <b>fire</b> shield	Double stud	-/240/240	180/180/180	77	70
SSW381	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 10mm <b>masta</b> shield	Double stud	-/90/90	60/60/60	60	50
SSW382	1 x 16mm <b>fire</b> shield + 1 x 10mm <b>masta</b> shield	1 x 16mm <b>fire</b> shield + 1 x 10mm <b>masta</b> shield	Double stud	-/120/120	60/60/60	64	52
SSW534	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Double stud	-/90/90	60/60/60	59	47
SSW535	2 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Double stud	-/120/120	60/60/60	65	52
SSW536	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 16mm <mark>fire</mark> shield + 1 x 6mm Villaboard™	Double stud	-/120/120	60/60/60	64	51
SSW320	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield	Staggered stud	-/60/60	30/30/30	47	36
SSW321	1 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Staggered stud	-/90/90	30/30/30	51	43
SSW322	2 x 13mm <b>fire</b> shield	2 x 13mm <b>fire</b> shield	Staggered stud	-/120/120	90/90/90	58	50
SSW520	1 x 13mm <b>fire</b> shield	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Staggered stud	-/60/60	30/30/30	51	43
SSW522	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 13mm <b>fire</b> shield + 1 x 6mm Villaboard™	Staggered stud	-/90/90	30/30/30	56	48
SSW325	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield	Staggered stud	-/90/90	60/60/60	52	44
SSW326	1 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Staggered stud	-/120/120	60/60/60	52	46
SSW327	2 x 16mm <b>fire</b> shield	2 x 16mm <b>fire</b> shield	Staggered stud	-/120/120	120/120/120	58	52
SSW524	1 x 16mm <b>fire</b> shield	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Staggered stud	-/90/90	60/60/60	52	45
SSW526	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	1 x 16mm <b>fire</b> shield + 1 x 6mm Villaboard™	Staggered stud	-/120/120	60/60/60	59	51

Acoustic stud and Staggered stud acoustic values determined using 92mm cavity with Glasswool insulation.
 Double stud acoustic values determined using 148mm cavity with Glasswool insulation.

SSW1			hield or 10mm <mark>water</mark> st		
	Steel stu	d framing at m	aximum 600mm centr	es	
	Stud Size	Wall Width	Sound Insulation for st	tuds at 600mm centres ar	nd thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)		
			No insulation	Pink <sup>®</sup> Partition	
				50mm 11 kg/m <sup>3</sup> R1.2	
	51	61			Report
	64	74			
	76	86	25 (21)	29 (25)	INSUL v9
	92	102			
	150	160			
SSW10	<ul> <li>1 layer of</li> </ul>	10mm <b>masta</b> s	hield or 10mm <mark>water</mark> sł	nield	
331110	<ul> <li>Steel stu</li> </ul>	d framing at m	aximum 600mm centr	-es	
		•			
	<ul> <li>1 layer of</li> </ul>	10mm <b>masta</b> sl	hield or 10mm <mark>water</mark> sł	nield	
	Chud Cine				
	Stud Size	Wall Width		tuds at 600mm centres ar	na thinnest BINI
	(mm)	(mm)	Rw (Rw + Ctr)		
			No insulation	Pink <sup>®</sup> Partition	
	<b>F</b> 4	74	77 (0.4)	50mm 11 kg/m <sup>3</sup> R1.2	Report
	51	71	33 (24)	37 (29)	Report
		84	33 (24)	39 (30)	Day Design
	64		== (a, i)		Duy Design
	76	96	33 (24)	39 (30)	3094-33
	76 92	96 112	33 (25)	40 (31)	
	76	96			
	76 92 150	96 112 170	33 (25) 35 (25)	40 (31) 43 (33)	
SSW11	76 92 150 • 1 layer of	96 112 170	33 (25) 35 (25) hield or 10mm watersh	40 (31) 43 (33)	
SSW11	76 92 150 • 1 layer of	96 112 170	33 (25) 35 (25)	40 (31) 43 (33)	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm <b>water</b> sh aximum 600mm centr	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm watersh	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm <b>water</b> sh aximum 600mm centr	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm <b>water</b> sh aximum 600mm centr	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm <b>water</b> sh aximum 600mm centr	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu	96 112 170 170 10mm <b>masta</b> s d framing at m	33 (25) 35 (25) hield or 10mm <b>water</b> sh aximum 600mm centr	40 (31) 43 (33) hield res	
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size	96 112 170 170 10mm mastas d framing at ma of 10mm masta	33 (25) 35 (25) hield or 10mm watersh aximum 600mm centr shield or 10mm waters Sound Insulation for st	40 (31) 43 (33) hield res	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o	96 112 170	33 (25) 35 (25) hield or 10mm watersh aximum 600mm centr shield or 10mm waters	40 (31) 43 (33) hield res shield tuds at 600mm centres ar	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size	96 112 170 170 10mm mastas d framing at ma of 10mm masta	33 (25) 35 (25) hield or 10mm watersh aximum 600mm centr shield or 10mm waters shield or 10mm waters Sound Insulation for st Rw (Rw + Ctr)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size	96 112 170 170 10mm mastas d framing at ma of 10mm masta	33 (25) 35 (25) hield or 10mm watersh aximum 600mm centr shield or 10mm waters Sound Insulation for st	40 (31) 43 (33) hield res shield tuds at 600mm centres ar	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size	96 112 170 170 10mm mastas d framing at ma of 10mm masta	33 (25) 35 (25) hield or 10mm watersh aximum 600mm centr shield or 10mm waters shield or 10mm waters Sound Insulation for st Rw (Rw + Ctr)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size (mm)	96 112 170 i 10mm mastas d framing at ma of 10mm masta Wall Width (mm)	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershaked         Sound Insulation for shaked from the s	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2	3094-33 nd thinnest BMT Report
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size (mm) 51	96 112 170 TOmm mastas d framing at ma of 10mm masta Wall Width (mm) 81	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watersheld or 10mm watershield or 10mm water         Sound Insulation for share (Rw (Rw + Ctr))         No insulation         37 (28)	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres an         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         42 (34)	3094-33
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers o Stud Size (mm) 51 64	96 112 170 * 10mm mastas d framing at ma of 10mm masta of 10mm masta Wall Width (mm) 81 94	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershailed or 10mm watershailed or 10mm water         Sound Insulation for strength         Rw (Rw + Ctr)         No insulation         37 (28)         38 (29)	40 (31)           43 (33)           hield           res           shield           tuds at 600mm centres an           Pink <sup>®</sup> Partition           50mm 11 kg/m <sup>3</sup> R1.2           42 (34)           43 (34)	3094-33 nd thinnest BMT Report Day Design
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers of Stud Size (mm) 51 64 76	96 112 170 Tomm mastas d framing at ma of 10mm masta of 10mm masta Wall Width (mm) 81 94 106	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershailed or 10mm watershailed or 10mm water         Sound Insulation for strength         Rw (Rw + Ctr)         No insulation         37 (28)         38 (29)         38 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres an Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 44 (35)	3094-33 nd thinnest BMT Report Day Design
SSW11	76 92 150 • 1 layer of • Steel stu • 2 layers of Stud Size (mm) 51 64 76 92 150	96 112 170 i 10mm mastas d framing at ma of 10mm masta of 10mm masta wall Width (mm) 81 94 106 122 180	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershaild or 1	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of Stud Size (mm) 51 64 76 92 150	96 112 170 i 10mm mastas d framing at ma of 10mm masta of 10mm masta wall Width (mm) 81 94 106 122 180	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershailed or 10mm watershailed or 10mm water         Sound Insulation for strength         Rw (Rw + Ctr)         No insulation         37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of	96 112 170 170 170 10mm mastas d framing at ma of 10mm masta 81 94 106 122 180 0f 10mm masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershailed or 10mm watersh	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres an         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centreshield or 10mm watershailed or 10mm watershield or 10mm watershield or 10mm watershield or 10mm watershield or 37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershailed or 10mm watersh	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centreshield or 10mm watershailed or 10mm watershield or 10mm watershield or 10mm watershield or 10mm watershield or 37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centreshield or 10mm watershailed or 10mm watershield or 10mm watershield or 10mm watershield or 10mm watershield or 37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centreshield or 10mm watershailed or 10mm watershield or 10mm watershield or 10mm watershield or 10mm watershield or 37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stu • 2 layers of 51 64 76 92 150 • 2 layers of • Steel stu	96 112 170 170 10mm mastas d framing at ma of 10mm masta 94 106 122 180 of 10mm masta d framing at ma	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centreshield or 10mm watershailed or 10mm watershield or 10mm watershield or 10mm watershield or 10mm watershield or 37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of	96 112 170 170 170 10mm mastas of 10mm masta 81 94 106 122 180 of 10mm masta d framing at masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield or 10mm watershield or 10mm water         Sound Insulation for strength         No insulation         37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of         Stud Size	96 112 170 i 10mm mastas d framing at ma of 10mm masta 81 94 106 122 180 of 10mm masta d framing at ma of 10mm masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield or 10mm watershield or 10mm water         Sound Insulation for strength         No insulation         37 (28)         38 (29)         38 (20)         38 (20)         38 (20)         38 (20)         38 (20)         38 (	40 (31) 43 (33) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 42 (34) 43 (34) 43 (34) 44 (35) 45 (35) 48 (38) shield res	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of	96 112 170 170 170 10mm mastas of 10mm masta 81 94 106 122 180 of 10mm masta d framing at masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield or 10mm watershield or 10mm water         Sound Insulation for strength         No insulation         37 (28)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         38 (29)         40 (29)	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of         Stud Size	96 112 170 i 10mm mastas d framing at ma of 10mm masta 81 94 106 122 180 of 10mm masta d framing at ma of 10mm masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield or 10mm watershield or 10mm water         Sound Insulation for strength         No insulation         37 (28)         38 (29)         38 (20)         38 (20)         38 (20)         38 (20)         38 (20)         38 (	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design 3094-33
	7692150• 1 layer of• Steel stu• 2 layers ofStud Size (mm)51647692150• 2 layers of• Steel stu• 2 layers of• Steel stu• 2 layers ofStud Size (mm)	96 112 170 i 10mm mastas d framing at ma of 10mm masta 81 94 106 122 180 of 10mm masta d framing at ma of 10mm masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershaited or 10mm watershield or 10mm watershiel	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)	3094-33 nd thinnest BMT Report Day Design 3094-33
	7692150• 1 layer of• Steel stu• 2 layers ofStud Size (mm)51647692150• 2 layers of• Steel stu• 2 layers of• Steel stu• 2 layers ofStud Size (mm)51	96 112 170 i 10mm mastas d framing at ma of 10mm masta 0 f 10mm masta 81 94 106 122 180 of 10mm masta d framing at ma of 10mm masta d framing at masta	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershaximum 600mm centrishield or 10mm watershaximum 37 (28)         38 (29)         39         30         31	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)         shield         res         shield         47 (37)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of         • Steel stu         • 2 layers of         • Steel stu         • 2 layers of         51         64         76         92         150	96         112         170         i 10mm mastas         d framing at masta         of 10mm masta         wall Width (mm)         81         94         106         122         180         of 10mm masta         d framing at masta         of 10mm masta         Wall Width         (mm)         91         104	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield o	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)         shield         res         shield         res         shield         res         shield         res         shield         res         shield         res         shield         48 (37)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of         Stud Size (mm)         51         64         76	96 112 170 i 10mm mastas d framing at ma of 10mm masta of 10mm masta 81 94 106 122 180 of 10mm masta d framing at ma of 10mm masta d framing at ma of 10mm masta 94 106 122 180	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield o	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)         shield         res         shield         48 (37)         48 (37)         49 (39)	3094-33 Ind thinnest BMT Report Day Design 3094-33 Ind thinnest BMT Report
	76         92         150         • 1 layer of         • Steel stu         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • Steel stu         • 2 layers of         • Steel stu         • 2 layers of         • Steel stu         • 2 layers of         51         64         76         92         150	96         112         170         i 10mm mastas         d framing at masta         of 10mm masta         wall Width (mm)         81         94         106         122         180         of 10mm masta         d framing at masta         of 10mm masta         Wall Width         (mm)         91         104	33 (25)         35 (25)         hield or 10mm watershaximum 600mm centrishield or 10mm watershield o	40 (31)         43 (33)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         42 (34)         43 (34)         44 (35)         45 (35)         48 (38)         shield         res         shield         res         shield         res         shield         res         shield         res         shield         res         shield         48 (37)	3094-33 Ind thinnest BMT Report Day Design 3094-33 Ind thinnest BMT Report Day Design

SSW210	<ul> <li>1 layer of</li> </ul>	10mm <mark>sound</mark> s	hield or 10mm <b>opal</b>		
3311210	Steel stu	d framino at m	aximum 600mm cent	res	
		-	hield or 10mm <mark>opal</mark>		
	• Trayer Of	IOIIIII SOUIIUS	nielo or tonnin opar		
	Stud Size	Wall Width		tuds at 600mm centres ar	nd thinnest l
	(mm)	(mm)	Rw (Rw + Ctr)	Pink <sup>®</sup> Partition	
			No insulation	50mm 11 kg/m <sup>3</sup> R1.2	Reports
	51	71	33 (26)	41 (33)	
	64	84	33 (26) <sup>1</sup>	42 (33)	Day Desig
	76	96	34 (26)	43 (34)	3094-33
	92	112	35 (27)	43 (34)	<sup>1</sup> STR057
~	150	170	37 (27)	46 (36)	516057
SSW211	<ul> <li>1 layer of</li> </ul>	10mm <mark>sound</mark> s	hield or 10mm <b>opal</b>		
	Steel stud	d framina at m	aximum 600mm cent	res	
		-	shield or 10mm <b>opal</b>		
	<ul> <li>Z layers 0</li> </ul>		shield of Tohini opar		
	Stud Size	Wall Width		tuds at 600mm centres ar	nd thinnest
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for s Rw (Rw + Ctr)		nd thinnest
				Pink <sup>®</sup> Partition	nd thinnest
	(mm)	(mm)	Rw (Rw + Ctr)	Pink <sup>®</sup> Partition 50mm 11 kg/m³ R1.2	
	(mm) 51	(mm) 81	Rw (Rw + Ctr)           No insulation           39 (31)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37)	nd thinnest
	(mm) 51 64	(mm) 81 94	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37)	Report Day Desig
	(mm) 51 64 76	(mm) 81 94 106	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37) 48 (37)	Report Day Desig
	(mm) 51 64 76 92	(mm) 81 94 106 122	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37) 48 (37) 49 (39)	Report Day Desig
	(mm) 51 64 76	(mm) 81 94 106	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37) 48 (37)	Report Day Desig
	(mm) 51 64 76 92 150	(mm) 81 94 106 122 180	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37) 48 (37) 49 (39)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o	(mm) 81 94 106 122 180 f 10mm sound	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at mage	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o	(mm) 81 94 106 122 180 f 10mm sound d framing at me f 10mm sound	Rw (Rw + Ctr)           No insulation           39 (31)           40 (31)           40 (31)           42 (32)   shield or 10mm opal aximum 600mm cent shield or 10mm opal	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 46 (37) 48 (37) 49 (39) 50 (42)	Report Day Desig 3094-33
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at m f 10mm sound Wall Width	Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         40 (31)         42 (32)    shield or 10mm opal aximum 600mm cent shield or 10mm opal Sound Insulation for s	Pink <sup>®</sup> Partition           50mm 11 kg/m³ R1.2           46 (37)           46 (37)           48 (37)           49 (39)           50 (42)	Report Day Desig 3094-33
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o	(mm) 81 94 106 122 180 f 10mm sound d framing at me f 10mm sound	Rw (Rw + Ctr)         No insulation         39 (31)         39 (31)         40 (31)         40 (31)         42 (32)         shield or 10mm opal         aximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res	Report Day Desig 3094-33
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at m f 10mm sound Wall Width	Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         40 (31)         42 (32)    shield or 10mm opal aximum 600mm cent shield or 10mm opal Sound Insulation for s	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res	Report Day Desig 3094-33
SSW212	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud	(mm) 81 94 106 122 180 f 10mm sound d framing at m f 10mm sound Wall Width	Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         40 (31)         42 (32)         shield or 10mm opal         aximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal         No insulation for s         Rw (Rw + Ctr)         No insulation	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res tuds at 600mm centres an Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2	Report Day Desig 3094-33
	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud • 2 layers o	(mm) 81 94 106 122 180 f 10mm sound d framing at m f 10mm sound Wall Width (mm)	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           40 (31)           41 (33)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res tuds at 600mm centres an Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 50 (40)	Report Day Desig 3094-33
	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud • 2 layers o • 51	(mm) 81 94 106 122 180 f 10mm sound f raming at m f 10mm sound Wall Width (mm) 91	Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         40 (31)         42 (32)         shield or 10mm opal         aximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal         ximum 600mm cent         shield or 10mm opal         No insulation for s         Rw (Rw + Ctr)         No insulation	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res tuds at 600mm centres an Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2	Report Day Desig 3094-33
	(mm) 51 64 76 92 150 • 2 layers o • Steel stud • 2 layers o • Steel stud • 2 layers o • 51 64	(mm) 81 94 106 122 180 f 10mm sound f 10mm sound f 10mm sound Wall Width (mm) 91 104	Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)           40 (31)           42 (32)   shield or 10mm opal aximum 600mm cent shield or 10mm opal Sound Insulation for s Rw (Rw + Ctr) No insulation 43 (33) 43 (33)	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 46 (37) 48 (37) 49 (39) 50 (42) res tuds at 600mm centres an Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2 50 (40) 51 (42)	Report Day Desig 3094-33

SSW4	<ul> <li>1 layer of</li> </ul>	13mm <b>masta</b> sł	nield or 13mm <mark>water</mark> sh	nield	
	<ul> <li>Steel stur</li> </ul>	d framing at m	aximum 600mm centr	res	
		0			
	Stud Size	Wall Width		tuds at 600mm centres ar	nd thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)		1
			No insulation	Pink <sup>®</sup> Partition	
				50mm 11kg/m <sup>3</sup> R1.2	Report
	51	64	_		Report
	64	77	20 (25)	70 (00)	Day Design
	76 92	<u> </u>	29 (25)	32 (28)	3094-33
	150	163	-		
	190	201			
001414.5	• 1 laver of	13mm mastas	nield or 13mm <b>water</b> sh	aield	
SSW15					
	<ul> <li>Steel stu</li> </ul>	d framing at m	aximum 600mm centr	res	
	<ul> <li>1 layer of</li> </ul>	13mm <b>masta</b> sl	nield or 13mm <mark>water</mark> sh	nield	
	Stud Size	Wall Width	Sound Insulation for st	tuds at 600mm centres ar	ad thiopost PMT
	(mm)	(mm)	Rw (Rw + Ctr)	coos ac ocontini centres ai	IU LIIIIIIIESL DIVII
		(iiiii)		Pink <sup>®</sup> Partition	
			No insulation	50mm 11 kg/m <sup>3</sup> R1.2	
	51	77	33 (26)	41 (33)	Report
		90	34 (26)	42 (33)	
	64		J + (20)	+2 (55)	Day Design
	64	102	34 (26)	43 (33)	
	76	102 118	34 (26)	43 (33) 43 (33)	3094-33
		102 118 176	35 (27)	43 (33)	
	76 92	118			
SSW16	76 92 150	118 176	35 (27)	43 (33) 45 (37)	
SSW16	76 92 150 • 1 layer of	118 176 13mm <b>masta</b> st	35 (27) 37 (27) nield or 13mm <b>water</b> sh	43 (33) 45 (37)	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) hield or 13mm <b>water</b> sh aximum 600mm centr	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) nield or 13mm <b>water</b> sh	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) hield or 13mm <b>water</b> sh aximum 600mm centr	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) hield or 13mm <b>water</b> sh aximum 600mm centr	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) hield or 13mm <b>water</b> sh aximum 600mm centr	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) hield or 13mm <b>water</b> sh aximum 600mm centr	43 (33) 45 (37) nield res	
SSW16	76 92 150 • 1 layer of • Steel stu	118 176 13mm <b>masta</b> sh d framing at ma	35 (27) 37 (27) nield or 13mm watersh aximum 600mm centr shield or 13mm waters	43 (33) 45 (37) nield res	3094-33
SSW16	76 92 150 • 1 layer of • Steel stur • 2 layers o	118 176 13mm <b>masta</b> st d framing at mo of 13mm <b>masta</b> st	35 (27) 37 (27) nield or 13mm watersh aximum 600mm centr shield or 13mm waters	43 (33) 45 (37) hield res shield tuds at 600mm centres ar	3094-33
SSW16	76 92 150 • 1 layer of • Steel stur • 2 layers of Stud Size	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width	35 (27) 37 (27) nield or 13mm watersh aximum 600mm centr shield or 13mm waters Sound Insulation for st Rw (Rw + Ctr)	43 (33) 45 (37) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition	3094-33
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm)	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm)	35 (27) 37 (27) nield or 13mm watersh aximum 600mm centr shield or 13mm waters Sound Insulation for si Rw (Rw + Ctr) No insulation	43 (33) 45 (37) hield res shield tuds at 600mm centres ar Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2	3094-33
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90	35 (27)         37 (27)         nield or 13mm watershaximum 600mm centr         aximum 600mm centr         shield or 13mm watershaximum 600mm centr         shie	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         46 (36)	3094-33
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51 64	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90 103	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm waters         shield or 13mm waters         shield or 13mm waters         No insulation for sl         Rw (Rw + Ctr)         No insulation         39 (31)         39 (31)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         46 (36)         47 (37)	3094-33
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51 64 76	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90 103 115	35 (27)           37 (27)           nield or 13mm watersh           aximum 600mm centr           shield or 13mm watersh           shield or 13mm watersh           watersh           shield or 13mm watersh           shield or 13mm watersh           No insulation for st           Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres an         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         46 (36)         47 (37)         47 (37)	3094-33
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51 64 76 92	118 176 13mm mastash d framing at ma of 13mm mastash f 13mm mastas	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm waters         shield or 13mm waters         shield or 13mm waters         No insulation for st         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         40 (31)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)	3094-33 nd thinnest BMT Report Day Design
SSW16	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51 64 76	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90 103 115	35 (27)           37 (27)           nield or 13mm watersh           aximum 600mm centr           shield or 13mm watersh           shield or 13mm watersh           watersh           shield or 13mm watersh           shield or 13mm watersh           No insulation for st           Rw (Rw + Ctr)           No insulation           39 (31)           39 (31)           40 (31)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres an         Pink <sup>®</sup> Partition         50mm 11 kg/m <sup>3</sup> R1.2         46 (36)         47 (37)         47 (37)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stud • 2 layers of Stud Size (mm) 51 64 76 92 150	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         watersh         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         watersh         No insulation for sl         39 (31)         39 (31)         40 (31)         42 (32)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stud • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centre         shield or 13mm watersh         shield or 13mm watersh         No insulation for si         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
<section-header></section-header>	76 92 150 • 1 layer of • Steel stud • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         watersh         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         watersh         No insulation for sl         39 (31)         39 (31)         40 (31)         42 (32)	43 (33)         45 (37)         hield         res         shield         2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stur • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of • Steel stur	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189         of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for sl         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stur • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of • Steel stur	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189         of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centre         shield or 13mm watersh         shield or 13mm watersh         No insulation for si         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stur • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of • Steel stur	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189         of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for sl         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stur • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of • Steel stur	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189         of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for sl         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76 92 150 • 1 layer of • Steel stur • 2 layers of <u>Stud Size</u> (mm) 51 64 76 92 150 • 2 layers of • Steel stur	118         176         13mm mastash         d framing at mastash         of 13mm mastash         Wall Width (mm)         90         103         115         131         189         of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centr         shield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for sl         Rw (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         shield or 13mm watersh	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         Stud Size (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel study         • 2 layers of         • 2 layers of	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90 103 115 131 189 of 13mm mastash d framing at ma of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm waters         Sound Insulation for stars         Rw (Rw + Ctr)         No insulation         39 (31)         39 (31)         40 (31)         40 (31)         42 (32)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel stud         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • Steel stud         • 2 layers of	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         d framing at mastasi         of 13mm mastasi         d framing at mastasi         Wall Width         Wall Width	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for streshield or 39 (31)         39 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         5000000000000000000000000000000000000	43 (33)         45 (37)         hield         res         shield         2         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         Stud Size (mm)         51         64         76         92         150         • 2 layers of         • 51         64         76         92         150         • 2 layers of         • Steel study         • 2 layers of         • 2 layers of	118 176 13mm mastash d framing at ma of 13mm mastash Wall Width (mm) 90 103 115 131 189 of 13mm mastash d framing at ma of 13mm mastash	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm waters         Sound Insulation for stars         Rw (Rw + Ctr)         No insulation         39 (31)         39 (31)         40 (31)         40 (31)         42 (32)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         Stud Size         (mm)         51         64         76         92         150         • 2 layers of         • Steel study         • 2 layers of         • Steel study         • 2 layers of         • Steel study         • 2 layers of         • Stud Size	118 176 13mm mastasi d framing at mastasi of 13mm mastasi Wall Width (mm) 90 103 115 131 189 of 13mm mastasi d framing at mastasi of 13mm mastasi	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for streshield or 39 (31)         39 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         5000000000000000000000000000000000000	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 nd thinnest BMT Report Day Design 3094-33
	7692150• 1 layer of• Steel stud• 2 layers of• 2 layers of51647692150• 2 layers of• Steel stud• 2 layers of• Steel stud• 2 layers of• Stud Size (mm)	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         d framing at mastasi         d framing at mastasi         wall Width (mm)         Wall Width (mm)         Wall Width (mm)	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for streshield or 39 (31)         39 (31)         40 (31)         41 (32)         Sound Insulation for streshield or 13mm waters         No insulation         No insulation	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)    shield res shield tuds at 600mm centres ar Pink® Partition 50mm 11 kg/m³ R1.2	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         51         64         76         92         150	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         d framing at mastasi         d framing at mastasi         Wall Width (mm)         Wall Width (mm)         13mm mastasi         140         13mm mastasi	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         No insulation for streshield or 39 (31)         39 (31)         40 (31)         41 (32)         8 (32)         8 (32)         8 (32)         8 (32) </td <td>43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)    shield res shield tuds at 600mm centres ar Pink® Partition 50mm 11 kg/m³ R1.2 50 (40)</td> <td>3094-33 nd thinnest BMT Report Day Design 3094-33</td>	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)    shield res shield tuds at 600mm centres ar Pink® Partition 50mm 11 kg/m³ R1.2 50 (40)	3094-33 nd thinnest BMT Report Day Design 3094-33
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         51         64         76         92         150	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         Wall Width (mm)         Wall Width (mm)         Wall Width (mm)         0         13mm mastasi         Market (mm)         0         13mm mastasi         0         13mm mastasi         0         103         13mm mastasi         0         13mm mastasi	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         w (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         Sound Insulation for si         Rw (Rw + Ctr)         No insulation         42 (33)         43 (33)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 Ind thinnest BMT Report Day Design 3094-33 Ind thinnest BMT Report Day Design
	76         92         150         • 1 layer of         • Steel stud         • 2 layers of         51         64         76         92         150	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         d framing at mastasi         0 f 13mm mastasi         Wall Width (mm)         131         131         131         131         131         131         131         131         131         131         131         131         131         13         13         13         13         13         13         13         103         116         128	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         w (Rw + Ctr)         No insulation         39 (31)         39 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         40 (31)         42 (32)         shield or 13mm watershield or 13mm wat	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 Ind thinnest BMT Report Day Design 3094-33 Ind thinnest BMT Report
	76         92         150         • 1 layer of         • Steel study         • 2 layers of         51         64         76         92         150	118         13mm mastasi         d framing at mastasi         of 13mm mastasi         Wall Width (mm)         90         103         115         131         189         of 13mm mastasi         Wall Width (mm)         Wall Width (mm)         Wall Width (mm)         0         13mm mastasi         Market (mm)         0         13mm mastasi         0         13mm mastasi         0         103         13mm mastasi         0         13mm mastasi	35 (27)         37 (27)         nield or 13mm watersh         aximum 600mm centreshield or 13mm watersh         shield or 13mm watersh         shield or 13mm watersh         w (Rw + Ctr)         No insulation         39 (31)         40 (31)         42 (32)         Sound Insulation for si         Rw (Rw + Ctr)         No insulation         42 (33)         43 (33)	43 (33)         45 (37)         hield         res         shield         tuds at 600mm centres ar         Pink® Partition         50mm 11 kg/m³ R1.2         46 (36)         47 (37)         49 (39)         50 (42)	3094-33 Ind thinnest BMT Report Day Design 3094-33 Ind thinnest BMT Report Day Design

• 1 layer of 13mm **sound**shield

• 1 layer of 13mm **sound**shield

SSW215

Stud Size (mm)	Wall Width (mm)	Sound Insulation for st Rw (Rw + Ctr)	uds at 600mm centres a	nd thinnest BMT
		No insulation	Pink <sup>®</sup> Partition 50mm 11 kg/m³ R1.2	Report
51	77	36 (29)	45 (37)	Day Design
64	90	37 (29) <sup>1</sup>	45 (37)	3094-33
76	102	37 (30)	46 (37)	
92	118	38 (30)	47 (39)	<sup>1</sup> TL442b
150	176	41 (31)	48 (42)	

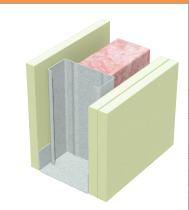
SSW216

#### • 1 layer of 13mm **sound**shield

• Steel stud framing at maximum 600mm centres

Steel stud framing at maximum 600mm centres

• 2 layers of 13mm **sound**shield



Stud Size (mm)	Wall Width (mm)	Sound Insulation for studs at 600mm centres and thinnest BMT Rw (Rw + Ctr)				
		No insulation	Pink <sup>®</sup> Partition			
			50mm 11 kg/m <sup>3</sup> R1.2	_		
51	90	42 (34)	50 (40)	Report		
64	103	43 (34)	51 (42)	Day Design		
76	115	44 (34)	51 (43)	3094-33		
92	131	45 (35)	52 (44)			
150	189	47 (37)	53 (47)			

SSW217

#### • 2 layers of 13mm **sound**shield

- Steel stud framing at maximum 600mm centres
- 2 layers of 13mm **sound**shield

Stud Size (mm)	Wall Width (mm)	Sound Insulation for s Rw (Rw + Ctr)	tuds at 600mm centres a	nd thinnest BMT
		No insulation	Pink <sup>®</sup> Partition 50mm 11 kg/m <sup>3</sup> R1.2	
51	103	46 (40)	54 (46)	Report
64	116	47 (41)	55 (47)	Day Design
76	128	48 (41)	55 (48)	3094-33
92	144	49 (42)	55 (49)	
150	202	51 (44)	56 (52)	

SSW276	<ul> <li>1 layer of 10mm soundshield or 10mm opal</li> <li>92mm acoustic stud at maximum 600mm centres</li> </ul>							
□〔)»			ield or 10mm <b>opal</b>					
1.1	Stud Size (mm)	Wall Width (mm)	Sound Insulation for st Rw (Rw + Ctr)	uds at 600mm centres a	nd thinnest BMT			
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Report			
	92 Siniat Acoustic Stud	112	41 (34)	47 (38)	Day Design 5008.28			
SSW277	• 1 layer of 1	) Omm <b>sound</b> sh	ield or 10mm <b>opal</b>	·				
1			naximum 600mm cen hield or 10mm <mark>opal</mark>	tres				
	• 2 layers of	IOIIIII Sounds	melo or tomm opar					
TT SA								
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for st Rw (Rw + Ctr)	uds at 600mm centres a	nd thinnest BMT			
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m³ R1.8				
	92 Siniat Acoustic Stud	122	43 (36)	50 (42)	Report Day Design 5008.28			
SSW278	• 2 layers of	10mm <b>sound</b> s	hield or 10mm <b>opal</b>	· · · · · · · · · · · · · · · · · · ·				
			naximum 600mm cen	tres				
	• 2 layers of	10mm <b>sound</b> s	hield or 10mm <b>opal</b>					
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for st Rw (Rw + Ctr)	uds at 600mm centres a	nd thinnest BMT			
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Docost			
	92 Siniat Acoustic Stud	132	49 (43)	57 (48)	Report Day Design 5008.28			

33005	• 1 layer of 13	um <b>masta</b> shi	old oc 17 mm weberchi	1.1	
2			eld of 15mm watershi	eld	
	• 92mm <mark>acou</mark>	u <mark>stic</mark> stud at m	naximum 600mm cen	tres	
	• 1 layer of 13	omm <b>masta</b> shi	eld or 13mm <b>water</b> shi	eld	
and the second se	Stud Size (mm)	Wall Width (mm)	Sound Insulation for stu Rw (Rw + Ctr)	uds at 600mm centres ar	nd thinnest BMT
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Report
	92 Siniat Acoustic Stud	118	39 (33)	46 (37)	Day Design 5008.28
SSW86	• 1 layer of 13	omm <b>masta</b> shi	eld or 13mm <b>water</b> shi	eld	
	• 92mm acou	<b>istic</b> stud at m	naximum 600mm cen	tres	
	<ul> <li>2 layers of 1</li> </ul>	13mm <mark>masta</mark> sl	hield or 13mm <b>water</b> st	nield	
To be a second se	Stud Size	Wall Width		uds at 600mm centres ar	nd thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)		
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m³ R1.8	
	92 Siniat Acoustic Stud	131	43 (36)	50 (41)	Report Day Design 5008.28
001107	<ul> <li>2 lavers of '</li> </ul>	13mm mastas	nield or 13mm <b>water</b> st	aield	
33007			naximum 600mm cen		
1			nield or 13mm <b>water</b> st		
	Stud Size	Wall Width	Sound Insulation for stu	uds at 600mm centres ar	nd thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)	Pink <sup>®</sup> Partition	
F			No insulation	75mm 11 kg/m <sup>3</sup> R1.8	Report
	92 Siniat Acoustic Stud	144	49 (43)	56 (48)	Day Design 5008.28

SSW281		ðmm <b>sound</b> shi			
			naximum 600mm cen	tres	
□ <b>(</b> ))	• Thayer of 1.	3mm <b>sound</b> shi	lela		
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for st Rw (Rw + Ctr)	uds at 600mm centres ar	nd thinnest BMT
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Report
	92 Siniat Acoustic Stud	118	42 (36)	50 (42)	Day Design 5008.28
SSW282	• 1 layer of 1	Smm <b>sound</b> shi	ield	· · · · · · · · · · · · · · · · · · ·	
	• 92mm acou	<b>istic</b> stud at n	naximum 600mm cen	tres	
	<ul> <li>2 layers of</li> </ul>	13mm <b>sound</b> sl	hield		
TT SA					
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for stu Rw (Rw + Ctr)	uds at 600mm centres ar	nd thinnest BMT
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Deset
	92 Siniat Acoustic Stud	131	48 (43)	57 (49)	Report Day Design 5008.28
SSW283	• 2 layers of	13mm <b>sound</b> sl	hield	· · · · · · · · · · · · · · · · · · ·	
330205			naximum 600mm cen	tres	
	• 2 layers of	13mm <b>sound</b> si	hield		
	Stud Size (mm)	Wall Width (mm)	Sound Insulation for str Rw (Rw + Ctr)	uds at 600mm centres ar	nd thinnest BMT
			No insulation	Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8	Report
	92 Siniat Acoustic Stud	144	54 (50)	62 (54)	Day Design 5008.28

		_				
SSW20				mm <b>water</b> shield 1 600mm centres (:		N N
				nm <b>water</b> shield	Soonin staggered,	)
	ridyer of re					
	Track Width	Wall Width	Sound Ins			
	(mm)	(mm)	Rw (Rw +	Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	
			No insulation	50mm 11kg/m <sup>3</sup> R1.2	75mm 14kg/m <sup>3</sup> R1.9	Report
	92	112	33 (36)	42 (31)	43 (32)	Day Design 3094-33
	150	170	34 (26)	44 (32)	45 (33)	Note: Impact sound Resistant
6011104	• 1 laver of 10	)mm mastast	hield or 10r	mm <b>water</b> shield		
SSW21				1 600mm centres (i	300mm staddered`	)
				Dmm <b>water</b> shield		, ,
	1					
	Track Width (mm)	Wall Width (mm)	Sound Ins Rw (Rw +			
			No	Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
				50mm 11kg/m <sup>3</sup> R1.2		Day Design
	92	122	37 (29)	47 (35)	48 (36)	3094-33 Note: Impact
	150	180	38 (29)	49 (38)	50 (39)	Resistant
6614100	<ul> <li>2 layers of 2</li> </ul>	10mm masta	shield or 10	)mm watershield	· ·	·
SSW22				Omm <b>water</b> shield 600mm centres ()	300mm staddered`	)
SSW22	• Staggered s	steel studs at	maximum	Omm <b>water</b> shield 1 600mm centres (: Omm <b>water</b> shield	300mm staggered)	)
SSW22	• Staggered s	steel studs at	maximum	1 600mm centres (	300mm staggered)	)
SSW22	• Staggered s	steel studs at	maximum	1 600mm centres (	300mm staggered,	)
SSW22	Staggered s     2 layers of	steel studs at 10mm <b>masta</b> s	maximum	1 600mm centres (	300mm staggered)	)
SSW22	Staggered s     2 layers of     Track Width	steel studs at 10mm <b>masta</b> s Wall Width	: maximum shield or 10 Sound Ins	n 600mm centres (. Omm <b>water</b> shield Sulation	300mm staggered;	)
SSW22	Staggered s     2 layers of	steel studs at 10mm <b>masta</b> s	shield or 10 Sound Ins Rw (Rw +	n 600mm centres (. Omm <b>water</b> shield Sulation	300mm staggered) Pink <sup>®</sup> Partition	) Report
SSW22	Staggered s     2 layers of     Track Width	steel studs at 10mm <b>masta</b> s Wall Width	: maximum shield or 10 Sound Ins	a 600mm centres ( Comm watershield Sulation Ctr) Pink <sup>®</sup> Partition		Report
SSW22	Staggered s     2 layers of     Track Width	steel studs at 10mm <b>masta</b> s Wall Width	Sound Ins Rw (Rw + No insulation	a 600mm centres ( 2mm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	
SSW22	Staggered s     2 layers of f     Track Width     (mm)	Steel studs at 10mm mastas Wall Width (mm)	shield or 10 Sound Ins Rw (Rw + No	600mm centres ( 0mm <b>water</b> shield sulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report - Day Design 3094-33 - Note: Impact
SSW22	Staggered s     2 layers of f     Track Width     (mm)	Steel studs at 10mm mastas Wall Width (mm)	Sound Ins Rw (Rw + No insulation	a 600mm centres ( 2mm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33
	Staggered s     2 layers of     Track Width (mm)     92     150	Wall Width (mm) 132 190	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( Dmm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43)	Report Day Design 3094-33 Note: Impact sound
SSW22	Staggered s     2 layers of     Track Width (mm)     92     150     1 layer of 10	Wall Width (mm) 132 190	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( Dmm watershield sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of      Track Width (mm)      92      150      1 layer of 10     Staggered s	Wall Width (mm) 132 190 0mm soundsh steel studs at	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( 20mm watershield a bulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres (	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of     Track Width (mm)     92     150     1 layer of 10	Wall Width (mm) 132 190 0mm soundsh steel studs at	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( 20mm watershield a bulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres (	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of      Track Width (mm)      92      150      1 layer of 10     Staggered s	Wall Width (mm) 132 190 0mm soundsh steel studs at	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( 20mm watershield a bulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres (	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of      Track Width (mm)      92      150      1 layer of 10     Staggered s	Wall Width (mm) 132 190 0mm soundsh steel studs at	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34)	a 600mm centres ( 20mm watershield a bulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres (	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of     2 layers of     7     Track Width (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10     Track Width	Wall Width (mm) 132 190 Dmm soundsh steel studs at Dmm soundsh	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r ineld or 10r Sound Ins	a 600mm centres ( Dmm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal 600mm centres ( mm opal Sulation	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of     2 layers of     Track Width (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10	Wall Width (mm) 132 190 Dmm soundsh steel studs at	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r maximum nield or 10r Sound Ins Rw (Rw +	a 600mm centres ( Dmm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres ( mm opal Sulation Ctr)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46) 300mm staggered)	Report Day Design 3094-33 Note: Impact sound Resistant
	Staggered s     2 layers of     2 layers of     7     Track Width (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10     Track Width	Wall Width (mm) 132 190 Dmm soundsh steel studs at Dmm soundsh	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r maximum nield or 10r Sound Ins Rw (Rw + No	a 600mm centres ( Dmm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal 600mm centres ( mm opal Sulation	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of     2 layers of     7     Track Width     (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10     Track Width     (mm)	Wall Width (mm) 132 190 0mm soundsh steel studs at 0mm soundsh	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r maximum nield or 10r Sound Ins Rw (Rw + No insulation	ideoOmm centres ( Dmm watershield Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal 600mm centres ( mm opal ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant Resistant
	Staggered s     2 layers of     2 layers of     7     Track Width (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10     Track Width	Wall Width (mm) 132 190 Dmm soundsh steel studs at Dmm soundsh	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r maximum nield or 10r Sound Ins Rw (Rw + No	a 600mm centres ( Dmm watershield Sulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal a 600mm centres ( mm opal Sulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46) 300mm staggered) Pink <sup>®</sup> Partition	Report Day Design 3094-33 Note: Impact sound Resistant Resistant Day Design 3094-33 'TL442g
	Staggered s     2 layers of     2 layers of     7     Track Width     (mm)     92     150     1 layer of 10     Staggered s     1 layer of 10     Track Width     (mm)	Wall Width (mm) 132 190 0mm soundsh steel studs at 0mm soundsh	Sound Ins Rw (Rw + No insulation 42 (33) 44 (34) Nield or 10r maximum nield or 10r Sound Ins Rw (Rw + No insulation	ideoOmm centres ( Dmm watershield Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (42) 53 (45) mm opal 600mm centres ( mm opal ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 52 (43) 54 (46) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant Resistant

SSW221	·	mm <mark>sound</mark> shi				
					300mm staggered)	
	• 2 layers of 10	Omm <b>sound</b> s	hield or 10	)mm <mark>opal</mark>		
	Track Width (mm)	Wall Width (mm)	Sound Ins Rw (Rw +			
	()		No	Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
			insulation		75mm 14kg/m <sup>3</sup> R1.9	Day Design
	92	122	40 (32)	50 (40)	50 (41)	3094-33
						Note: Impact
	150	180	42 (33)	51 (44)	52 (45)	sound Resistant
SSW222	• 2 layers of 10					
~					300mm staggered)	
	• 2 layers of 10	Omm <b>sound</b> s	hield or 10	)mm <mark>opal</mark>		
	Track Width	Wall Width	Sound Ins	ulation		
	(mm)	(mm)	Rw (Rw +			
			No	Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
			insulation	50mm 11kg/m <sup>3</sup> R1.2	75mm 14kg/m <sup>3</sup> R1.9	Day Design
	92	132	44 (35)	54 (46)	55 (47)	3094-33
						Note: Impact sound
	150	190	47 (37)	55 (49)	56 (50)	Resistant
COMOE	• 1 laver of 13r	mm <b>masta</b> shi	eld or 13m	m watershield		
SSW25	·			nm <b>water</b> shield 600mm centres (1	300mm staqqered)	
SSW25	<ul> <li>Staggered sl</li> </ul>	teel studs at	maximum	600mm centres (	300mm staggered)	
SSW25	<ul> <li>Staggered sl</li> </ul>	teel studs at	maximum		300mm staggered)	
SSW25	<ul> <li>Staggered sl</li> </ul>	teel studs at	maximum	600mm centres (	300mm staggered)	
SSW25	<ul> <li>Staggered sl</li> </ul>	teel studs at	maximum	600mm centres (	300mm staggered)	
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width</li> </ul>	teel studs at mm <b>masta</b> shi Wall Width	maximum eld or 13n Sound Ins	600mm centres (: nm <b>water</b> shield ulation	300mm staggered)	
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> </ul>	teel studs at mm <b>masta</b> shi	maximum eld or 13n Sound Ins Rw (Rw +	600mm centres (1 nm <b>water</b> shield ulation Ctr)		
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width</li> </ul>	teel studs at mm <b>masta</b> shi Wall Width	maximum eld or 13n Sound Ins	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> </ul>	teel studs at mm <b>masta</b> shi Wall Width (mm)	maximum eld or 13n Sound Ins Rw (Rw + No insulation	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width</li> </ul>	teel studs at mm <b>masta</b> shi Wall Width	maximum eld or 13n Sound Ins Rw (Rw + No	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report Day Design 3094-33
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> </ul>	Wall Width (mm) 118	Maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27)	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34)	Report Day Design 3094-33 Note: Impact sound
SSW25	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> </ul>	teel studs at mm <b>masta</b> shi Wall Width (mm)	maximum eld or 13n Sound Ins Rw (Rw + No insulation	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> </ul>	Wall Width (mm) 118 176	Maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28)	600mm centres (2 nm <b>water</b> shield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34)	Report Day Design 3094-33 Note: Impact sound
SSW25	Staggered sl     1 layer of 13r     Track Width (mm)     92     150     1 layer of 13r	Wall Width (mm) 118 176	maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28) eld or 13n	600mm centres (2 mm watershield Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) mm watershield	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum	600mm centres (2 mm watershield Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) mm watershield	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum	600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) 46 (36)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum	600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) 46 (36)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 13</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum	600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) 46 (36)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 13</li> <li>Track Width</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum hield or 13	600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) mm watershield 600mm centres (2 mm watershield	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 13</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28) eld or 13n maximum hield or 13 Sound Ins Rw (Rw +	600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) mm watershield 600mm centres (2 mm watershield ulation Ctr)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37) 300mm staggered)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 13</li> <li>Track Width</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + insulation 35 (27) 36 (28) eld or 13n maximum hield or 13	600mm centres (2 m watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) m watershield 600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 12</li> <li>Track Width (mm)</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28) eld or 13n maximum hield or 13 Sound Ins Rw (Rw + No insulation	600mm centres (2 m watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) m watershield 600mm centres (2 mm watershield 000mm centres (2 mm	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 13</li> <li>Track Width</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28) eld or 13n maximum hield or 13 Sound Ins Rw (Rw + No	600mm centres (2 m watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) m watershield 600mm centres (2 mm watershield ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37) 300mm staggered) Pink <sup>®</sup> Partition	Report Day Design 3094-33 Note: Impact sound Resistant Resistant
	<ul> <li>Staggered sl</li> <li>1 layer of 13r</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 13r</li> <li>Staggered sl</li> <li>2 layers of 12</li> <li>Track Width (mm)</li> </ul>	Wall Width (mm) 118 176 mm mastashi teel studs at 3mm mastashi teel studs at 3mm mastashi	maximum eld or 13n Sound Ins Rw (Rw + No insulation 35 (27) 36 (28) eld or 13n maximum hield or 13 Sound Ins Rw (Rw + No insulation	600mm centres (2 m watershield ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 45 (33) 46 (36) m watershield 600mm centres (2 mm	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 45 (34) 47 (37) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant Resistant

SSW27				imm watershield		
				i 600mm centres (: 5mm <b>water</b> shield	300mm staggered)	)
	2 layers of			Water Shield		
	Track Width	Wall Width	Sound Ins			
	(mm)	(mm)	Rw (Rw +	Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
			No insulation	50mm 11kg/m <sup>3</sup> R1.2		
	92	144	44 (35)	54 (46)	54 (47)	Day Design 3094-33
			(55)	5+(+0)		Note: Impact
	150	202	47 (37)	55 (49)	56 (49)	sound Resistant
	• 1 layer of 13	mm soundsh	iold			
SSW225				1 600mm centres (:	300mm stannered	)
	• 1 layer of 13			looonnin centres (.	Joonnin staggered,	/
	i loyer of is					
	Track Width (mm)	Width (mm)	Sound Ins Rw (Rw +			
	()		No	Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
			insulation	50mm 11kg/m <sup>3</sup> R1.2	75mm 14kg/m <sup>3</sup> R1.9	Day Design 3094-33
	92	118	40 (32)	48 (40)	49 (41)	<sup>1</sup> TL442C
						Note: Impact sound
	150	176	42 (33)	49 (43)	51 (46) <sup>1</sup>	Resistant
SSW226	• 1 layer of 13	omm <b>sound</b> sh	ield	1		J
SSW226				600mm centres (:	300mm staggered)	)
SSW226		steel studs at	maximum	600mm centres (:	300mm staggered)	)
SSW226	Staggered s	steel studs at	maximum	600mm centres (	300mm staggered)	)
SSW226	Staggered s	steel studs at	maximum	600mm centres (:	300mm staggered)	)
SSW226	Staggered s     2 layers of 1	steel studs at I3mm <b>sound</b> s	: maximum :hield		300mm staggered)	)
SSW226	Staggered s	steel studs at	maximum	ulation Ctr)		)
SSW226	Staggered s     2 layers of 1     Track Width	steel studs at I3mm <b>sound</b> s Wall Width	: maximum :hield Sound Ins Rw (Rw + No	ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report
SSW226	Staggered s     2 layers of 1     Track Width (mm)	steel studs at I3mm <b>sound</b> s Wall Width (mm)	: maximum :hield Sound Ins Rw (Rw + No insulation	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design
SSW226	Staggered s     2 layers of 1     Track Width	steel studs at I3mm <b>sound</b> s Wall Width	: maximum :hield Sound Ins Rw (Rw + No	ulation Ctr) Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	Report Day Design 3094-33
SSW226	Staggered s     2 layers of 1     Track Width (mm)	steel studs at I3mm <b>sound</b> s Wall Width (mm)	: maximum :hield Sound Ins Rw (Rw + No insulation	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report - Day Design 3094-33 - Note: Impact sound
SSW226	Staggered s     2 layers of 1     Track Width (mm)     92     150	Wall Width (mm) 131 189	Sound Ins Rw (Rw + insulation 44 (36) 46 (37)	Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47)	Report - Day Design 3094-33 - Note: Impact
SSW226	Staggered s     2 layers of 1     Track Width (mm)     92     150     2 layers of 1	Wall Width (mm) 13mm sounds 131 189	Sound Ins Rw (Rw + No insulation 44 (36) 46 (37)	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     Z layers of 1     Track Width (mm)     92     150     Staggered s	Wall Width (mm) 13mm sounds 131 189	Sound Ins Rw (Rw + Insulation 44 (36) 46 (37) Chield maximum	Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of 1     Track Width (mm)     92     150     2 layers of 1	Wall Width (mm) 13mm sounds 131 189	Sound Ins Rw (Rw + Insulation 44 (36) 46 (37) Chield maximum	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     Z layers of 1     Track Width (mm)     92     150     Staggered s	Wall Width (mm) 13mm sounds 131 189	Sound Ins Rw (Rw + Insulation 44 (36) 46 (37) Chield maximum	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     Z layers of 1     Track Width (mm)     92     150     Staggered s	Wall Width (mm) 13mm sounds 131 189	Sound Ins Rw (Rw + Insulation 44 (36) 46 (37) Chield maximum	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48)	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	<ul> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 1</li> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width</li> </ul>	Wall Width (mm) 3mm sounds 13mm sounds 13mm sounds steel studs at 13mm sounds	Sound Ins Rw (Rw + No insulation 44 (36) 46 (37) Shield maximum shield	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres (2000 5000000000000000000000000000000000	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49)	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of 1     Track Width (mm)     92     150     2 layers of 1     Staggered s     2 layers of 1	Wall Width (mm) 13mm sounds 131 189 13mm sounds steel studs at 13mm sounds	Sound Ins Rw (Rw + insulation 44 (36) 46 (37) shield maximum	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres ( 0 600mm centres (	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49) 300mm staggered)	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 1</li> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width</li> </ul>	Wall Width (mm) 3mm sounds 13mm sounds 13mm sounds steel studs at 13mm sounds	Sound Ins Rw (Rw + No insulation 44 (36) 46 (37) Shield maximum shield	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres ( 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49) 300mm staggered) Pink <sup>®</sup> Partition	Report - Day Design 3094-33 - Note: Impact sound Resistant
	Staggered s     2 layers of 1     Track Width (mm)     92     150     2 layers of 1     Staggered s     2 layers of 1     Track Width (mm)     Track Width (mm)	Wall Width (mm) 3mm sounds 13mm sounds 13mm sounds steel studs at 13mm sounds steel studs at	sound Ins Rw (Rw + No insulation 44 (36) 46 (37) shield maximum shield Sound Ins Rw (Rw + No insulation	Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres ( 600mm centres ( Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant
	<ul> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 1</li> <li>Staggered s</li> <li>2 layers of 1</li> <li>Track Width</li> </ul>	Wall Width (mm) 3mm sounds 13mm sounds 13mm sounds steel studs at 13mm sounds	shield Sound Ins Rw (Rw + No insulation 44 (36) 46 (37) shield maximum shield Sound Ins Rw (Rw + No	ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres ( 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49) 300mm staggered) Pink <sup>®</sup> Partition	Report Day Design 3094-33 Note: Impact sound Resistant Resistant Resistant
	Staggered s     2 layers of 1     Track Width (mm)     92     150     2 layers of 1     Staggered s     2 layers of 1     Track Width (mm)     Track Width (mm)	Wall Width (mm) 3mm sounds 13mm sounds 13mm sounds steel studs at 13mm sounds steel studs at	sound Ins Rw (Rw + No insulation 44 (36) 46 (37) shield maximum shield Sound Ins Rw (Rw + No insulation	Ulation Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (46) 53 (48) 600mm centres ( 600mm centres ( Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9 53 (47) 54 (49) 300mm staggered) Pink <sup>®</sup> Partition 75mm 14kg/m <sup>3</sup> R1.9	Report Day Design 3094-33 Note: Impact sound Resistant

CC1WZ 0.0	• 1 laver of 1	3mm <b>fire</b> shiel	d			
SSW300			- ximum 600mm ce	ntres		
		5				
	<b></b>					
			d with <b>multi</b> shield o			
	Stud Size (mm)	Wall Width (mm)	Sound Insulation fo Rw (Rw + Ctr)	or studs at 6	00mm centres a	nd thinnest BMT
	(1111)			Pin	k <sup>®</sup> Partition	
			No insulation		n 11 kg/m <sup>3</sup> R1.2	
	51	64				Report
	64 76	77 89	30 (26)		33 (29)	Day Design
	92	105	50 (20)		55 (25)	3094-35
	150	163				
	a 2 lavaaa af	17 m m flag abis				
SSW301		13mm <b>fire</b> shie		-	Eiro Posis	tance Level
	• Steel stud	rraming at ma	ximum 600mm ce	entres	The Resis	conce Level
						nd <b>30/30/30</b>
					raced from the	e lined side only
						port
	fireshield can	) be substituted	d with <b>multi</b> shield o	r <b>tru</b> rock	FC	13921
	Stud Size	Wall Width	Sound Insulation fo	or studs at 6	00mm centres a	nd thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)		- R	
			No insulation		k <sup>®</sup> Partition n 11 kg/m³ R1.2	Reports
	51	77		501111		
	64	90			()	Day Design 3094-33
	76 92	102	34 (30) <sup>1</sup>		39 (35)	<sup>1</sup> ATF 1530
	150	176	_			INSUL v9
		17	1.4			
SSW302		13mm <b>fire</b> shie			Eiro Posis	
SSW302			eld ximum 600mm ce	entres	Fire Resis	tance Level
SSW302				entres	<b>-/90/90</b> ar	nd 90/90/90
SSW302				entres	-/90/90 ar rated from the	nd <b>90/90/90</b> e lined side only
SSW302				entres	<b>-/90/90</b> ar rated from the Re	nd <b>90/90/90</b> e lined side only eport
SSW302	• Steel stud	framing at ma			<b>-/90/90</b> ar rated from the Re	nd <b>90/90/90</b> e lined side only
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma be substituted Wall Width	ximum 600mm ce d with <b>multi</b> shield o <b>Sound Insulation f</b> o	r <b>tru</b> rock	<b>-/90/90</b> ar rated from the Re FC1	nd <b>90/90/90</b> e lined side only eport 13921
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> </ul>	framing at ma	ximum 600mm ce d with <b>multi</b> shield o	r <b>tru</b> rock or studs at 6	-/90/90 an rated from the Re FC1 00mm centres a	nd <b>90/90/90</b> e lined side only eport 13921
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma be substituted Wall Width	ximum 600mm ce d with <b>multi</b> shield o <b>Sound Insulation f</b> o	r <b>tru</b> rock or studs at 6 Pin	- <b>/90/90</b> ar rated from the Re FC1 00mm centres a k <sup>®</sup> Partition	nd <b>90/90/90</b> e lined side only port 13921 nd thinnest BMT
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma be substituted Wall Width	with <b>multi</b> shield o Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pin	-/90/90 an rated from the Re FC1 00mm centres a	nd <b>90/90/90</b> e lined side only eport 13921
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103	with <b>multi</b> shield o Sound Insulation fo Rw (Rw + Ctr) No insulation	r <b>tru</b> rock or studs at 6 Pin	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2	nd <b>90/90/90</b> e lined side only port 13921 nd thinnest BMT Reports Day Design
SSW302	Steel stud     fireshield can     Stud Size     (mm)     51     64     76	framing at ma be substituted Wall Width (mm) 90 103 115	with <b>multi</b> shield o Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pin	- <b>/90/90</b> ar rated from the Re FC1 00mm centres a k <sup>®</sup> Partition	nd <b>90/90/90</b> e lined side only port 13921 nd thinnest BMT Reports
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103	with <b>multi</b> shield o Sound Insulation fo Rw (Rw + Ctr) No insulation	r <b>tru</b> rock or studs at 6 Pin	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2	nd <b>90/90/90</b> e lined side only i3921 nd thinnest BMT Reports Day Design 3094-33
	Steel stud     fireshield can     Stud Size     (mm)     51     64     76     92     150	framing at ma be substituted Wall Width (mm) 90 103 115 131 189	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation fo Rw (Rw + Ctr) No insulation 37 (24)	r <b>tru</b> rock or studs at 6 Pin	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2	nd <b>90/90/90</b> e lined side only i3921 nd thinnest BMT Reports Day Design 3094-33
SSW302	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1.</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel	with <b>multi</b> shield o Sound Insulation for Rw (Rw + Ctr) No insulation 37 (24)	r <b>trurock</b> or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39)	nd <b>90/90/90</b> e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce	r <b>trurock</b> or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39)	nd <b>90/90/90</b> e lined side only i3921 nd thinnest BMT Reports Day Design 3094-33
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce	r <b>trurock</b> or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an	nd 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce	r <b>trurock</b> or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from	nd 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce	r <b>trurock</b> or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re	nd 90/90/90 e lined side only eport 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel	ximum 600mm ce d with <b>multis</b> hield o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce	r trurock or studs at 6 Pin 50mn	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re	nd 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel	d with <b>multishield</b> o Sound Insulation for <b>Rw (Rw + Ctr)</b> No insulation 37 (24) d ximum 600mm ce d	r trurock or studs at 6 Pin 50mn sontres	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC1	nd 90/90/90 e lined side only eport 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel	<pre>wimum 600mm ce d with multishield o Sound Insulation fo Rw (Rw + Ctr) No insulation 37 (24) d ximum 600mm ce d d with multishield o Sound Insulation fo Rw (Rw + Ctr)</pre>	r trurock or studs at 6 Pin 50mn sontres	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC1	ad 90/90/90 e lined side only eport 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel	d with <b>multishield</b> o Sound Insulation for Rw (Rw + Ctr) No insulation 37 (24) d ximum 600mm ce d d with <b>multishield</b> o Sound Insulation for Rw (Rw + Ctr)	r trurock or studs at 6 Pin 50mn sontres	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC2 00mm centres a	ad 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9 stance Level ad 30/30/30 n both sides eport 13921 nd thinnest BMT Reports
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel	vimum 600mm ce vith multishield o Sound Insulation fo Rw (Rw + Ctr) No insulation 37 (24) d vith multishield o Sound Insulation fo Rw (Rw + Ctr) No insulation fo	r trurock or studs at 6 Pin 50mn sontres r trurock or studs at 6 Pink <sup>®</sup> Partit 0mm 11kg/m <sup>3</sup>	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC2 00mm centres a	ad 90/90/90 e lined side only eport 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9 etance Level ad 30/30/30 n both sides eport 13921 nd thinnest BMT Reports Day Design
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel be substituted Wall Width (mm) 77 90	d with <b>multishield</b> o Sound Insulation for Rw (Rw + Ctr) No insulation 37 (24) d ximum 600mm ce d d with <b>multishield</b> o Sound Insulation for Rw (Rw + Ctr)	r trurock or studs at 6 Pin 50mn sontres	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC2 00mm centres a ion <sup>5</sup> R1.2	ad 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9 etance Level ad 30/30/30 n both sides eport 13921 nd thinnest BMT Reports Day Design 3094-33 R082 <sup>2</sup> TL561-07
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel be substituted Wall Width (mm) 77 90 102	ximum 600mm ce d with multishield o Sound Insulation fo Rw (Rw + Ctr) No insulation 37 (24) d ximum 600mm ce d d with multishield o Sound Insulation fo Rw (Rw + Ctr) No insulation fo Rw (Rw + Ctr) No insulation fo 36 (28) 36 (28) 37 (24)	r trurock or studs at 6 Pin 50mn sontres r trurock or studs at 6 Pink <sup>®</sup> Partit 0mm 11kg/m <sup>2</sup> 43 (34) 44 (34) <sup>2</sup> §	-/90/90 an rated from the FC1 00mm centres a k <sup>®</sup> Partition n 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 an rated from Re FC1 00mm centres a ion <sup>5</sup> R1.2 3 STI (1) US	ad 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9 etance Level ad 30/30/30 n both sides eport 13921 nd thinnest BMT Reports Day Design 3094-33 R082 <sup>2</sup> TL561-07 se Pink <sup>®</sup> Partition
	<ul> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 12</li> <li>Steel stud</li> <li>1 layer of 12</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma be substituted Wall Width (mm) 90 103 115 131 189 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel be substituted Wall Width (mm) 77 90	ximum 600mm ce d with <b>multishield</b> o Sound Insulation fo Rw (Rw + Ctr) No insulation 37 (24) d ximum 600mm ce d d with <b>multishield</b> o Sound Insulation fo Rw (Rw + Ctr) No insulation fo Sound Insulation fo Rw (Rw + Ctr) No insulation 50 36 (28) 36 (28)	r trurock or studs at 6 Pin 50mn sontres r trurock or studs at 6 Pink <sup>®</sup> Partit 0mm 11kg/m <sup>®</sup> 43 (34) 44 (34) <sup>2</sup> §	-/90/90 ar rated from the FC1 00mm centres a k <sup>®</sup> Partition 11 kg/m <sup>3</sup> R1.2 42 (39) Fire Resis -/60/60 ar rated from Re FC2 00mm centres a ion 5 R1.2 Som	ad 90/90/90 e lined side only port 13921 nd thinnest BMT Reports Day Design 3094-33 INSUL v9 etance Level ad 30/30/30 n both sides eport 13921 nd thinnest BMT Reports Day Design 3094-33 R082 <sup>2</sup> TL561-07

CC141744	• 1 laver of 1	3mm <b>fire</b> shiel	d			
SSW311	-	framing at ma			Fire Resistan	ce Level
		5		Jiiiii centres		
	<ul> <li>2 layers of</li> </ul>	13mm <b>fire</b> shie	eld		-/90/90 and 3	0/30/30
					rated from bo	th sides
					Deeed	
					Report FC1392	
	fireshield car	n be substitute	d with <b>multi</b> s	shield <b>or tru</b> rock	101552	
	Stud Size	Wall Width	Sound Insu	lation for studs at 60	DOmm centres and l	hinnest BMT
	(mm)	(mm)	Rw (Rw + C	tr)		
			No	Pink <sup>®</sup> Partition	Pink <sup>®</sup> Partition	
			insulation	50mm 11kg/m <sup>3</sup> R1.2	75mm 11 kg/m <sup>3</sup> R1.8	B Reports
	51	90	41 (33)	48 (39)	-	Day Design
	64	103	42 (33)	49 (39)	-	3094-33
	76	115	42 (33)	50 (40)	-	-
	92 150	131	43 (33) 45 (35)	50 (42) 52 (45)	50 (43) <sup>1</sup>	<sup>1</sup> TL561-05
	150	109	45 (55)	52 (45)	-	
CC141742	• 2 lavers of	13mm <b>fire</b> shi	eld			
SSW312		framing at ma			Fire Resistan	ce Level
		-		Sam ocheres		
	<ul> <li>∠ layers of</li> </ul>	13mm <b>fire</b> shie	910		-/120/120 and	
					rated from bo	th sides
					Report	
					FC1392	
	fireshield car	n be substitute	d with <b>multi</b> s	shield or <b>tru</b> rock		
	Stud Size	Wall Width		lation for studs at 60	DOmm centres and t	hinnest BMT
	(mm)	(mm)	Rw (Rw + C			
			No insulatio	Pink <sup>®</sup> Partiti		ports
	51	103	46 (39)	50 mm 11kg/m <sup>3</sup> 52 (43)	RI.Z	porto
	64	116	40 (59)	53 (45)		Design
	76	128	47 (40)	54 (46)	30	94-33
	92	144	49 (42) <sup>1</sup>	55 (47)	144	S 087
	150	202	51 (42)	55 ( <b>50</b> )		
		17	- 1 -1			
SSW314		13mm <b>fire</b> shie			Fice Decision	
		framing at ma		)mm centres	Fire Resistan	ce Level
	<ul> <li>3 layers of</li> </ul>	13mm <b>fire</b> shi	eld		-/180/180 and 12	20/120/120
					rated from bo	th sides
					Boood	
	1				Report FC1392	
	fireshield car	n be substitute	d with <b>multi</b>	shield or <b>tru</b> rock		
	Stud Size	Wall Width	Sound Insu	lation for studs at 60	DOmm centres and t	
	(mm)	(mm)				hinnest BMT
			Rw (Rw + C			hinnest BMT
			Rw (Rw + C	Pink <sup>®</sup> Partiti	0N R1 2	hinnest BMT
	51		No insulatio	on Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup>	R1.2	port
	51 64	129 142	No insulation 50 (43)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> )	R1.2	eport
	-	129	No insulatio	on Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup>	R1.2 Ri	eport Design
	64	129 142	No insulatio 50 (43) 51 (43) 52 (44) 53 (45)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> )	R1.2 Ri	eport
	64 76	129 142 154	No insulation 50 (43) 51 (43) 52 (44)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> )	R1.2 Ri	eport Design
	64 76 92 150	129 142 154 170 228	No insulatio 50 (43) 51 (43) 52 (44) 53 (45)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> )	R1.2 Ri	eport Design
<b>SSW910</b>	64 76 92 150 • 1 layer of 1	129 142 154 170 228 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri Day 30	eport Design 94-33
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud	129 142 154 170 228 3mm <b>tru</b> rock framing at ma	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri	eport Design 94-33
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud	129 142 154 170 228 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri Day 30	eport Design 94-33 <b>ce Level</b>
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud	129 142 154 170 228 3mm <b>tru</b> rock framing at ma	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri Day 30	eport Design 94-33 ce Level 0/30/30
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud	129 142 154 170 228 3mm <b>tru</b> rock framing at ma	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo	eport Design 94-33 <b>ce Level</b> 0/30/30 ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud	129 142 154 170 228 3mm <b>tru</b> rock framing at ma	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3	eport Design 94-33 ce Level 0/30/30 ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1	129 142 154 170 228 3mm trurock framing at ma 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 R4 Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392	eport Design 94-33 <b>ce Level</b> 0/30/30 Ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size	129 142 154 170 228 3mm trurock framing at ma 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48) 56 (48) 55 (48) 55 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 R4 Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392	eport Design 94-33 <b>ce Level</b> 0/30/30 Ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1	129 142 154 170 228 3mm trurock framing at ma 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> )	R1.2 R1.2 Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392 DOmm centres and to	eport Design 94-33 <b>ce Level</b> 0/30/30 Ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size	129 142 154 170 228 3mm trurock framing at ma 3mm trurock	No insulation 50 (43) 51 (43) 52 (44) 53 (45) 56 (48) 56 (48) 55 (48) 55 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>52</b> ) 59 ( <b>53</b> ) 60 ( <b>55</b> ) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392	eport Design 94-33 ce Level 0/30/30 th sides 1 :1
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size (mm)	129 142 154 170 228 3mm trurock framing at ma 3mm trurock 3mm trurock	No insulation           50 (43)           51 (43)           52 (44)           53 (45)           56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>52</b> ) 60 ( <b>55</b> ) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392	eport Design 94-33 <b>ce Level</b> 0/30/30 Ith sides
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size	129 142 154 170 228 3mm trurock framing at ma 3mm trurock	No insulation           50 (43)           51 (43)           52 (44)           53 (45)           56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>52</b> ) 60 ( <b>55</b> ) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392 DOmm centres and to on R1.2 Re	eport Design 94-33 ce Level 0/30/30 th sides 1 :hinnest BMT ports
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size (mm) 51	129       142       154       170       228       3mm trurock       framing at ma       3mm trurock       Wall Width (mm)       77	Sound Insulation           Sound Insu           Rw (Rw + C           No insulation           36 (29)           37 (30)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 ( <b>50</b> ) 58 ( <b>51</b> ) 59 ( <b>52</b> ) 59 ( <b>52</b> ) 60 ( <b>55</b> ) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392 DOmm centres and to on R1.2 Re Day	eport Design 94-33 ce Level 0/30/30 th sides 1 thinnest BMT ports Design 08-09
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 Stud Size (mm) 51 64	129         142         154         170         228         3mm trurock         framing at ma         3mm trurock         Wall Width (mm)         77         90	No insulation           50 (43)           51 (43)           52 (44)           53 (45)           56 (48)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 (50) 58 (51) 59 (52) 59 (53) 60 (55) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392 DOmm centres and to on R1.2 Re Day	eport Design 94-33 ce Level 0/30/30 th sides 1 thinnest BMT ports Design
SSW910	64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 • Stud Size (mm) 51 64 76	129         142         154         170         228         3mm trurock         framing at mail         3mm trurock         Wall Width (mm)         77         90         102	Sound Insulation           Sound Insu           Rw (Rw + C)           No insulation           36 (29)           37 (30)           38 (30)	Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 58 (50) 58 (51) 59 (52) 59 (53) 60 (55) 0mm centres	R1.2 Ri Day 30 Fire Resistan -/60/60 and 3 rated from bo Report FC1392 DOmm centres and to on R1.2 Re Day	eport Design 94-33 ce Level 0/30/30 th sides th sides thinnest BMT ports Design 08-09

	• 1 laver of 1	3mm <b>tru</b> rock				
SSW911			aximum 600m	m centres	Fi	re Resistance Level
		13mm <b>tru</b> rocl		in centres		
	• 2 layers of		¢.			0/90 and 60/60/60 ted from both sides
					Гd	Leo Hom both sides
						Report
						FC13921
	Stud Size	Wall Width			)Omm ce	entres and thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)	Pink <sup>®</sup> Partitio		
			No insulation	50mm 11kg/m <sup>3</sup>		
	51	90	43 (34)	50 (41)		Reports
	64	103	43 (34)	51 (42)		Day Design
	76 92	115	44 (35)	51 (44)		5008-09 3094-33
	150	131	45 (35) 47 (37)	52 (45) 53 (48)		
	100	109	47 (57)			
SSW912	<ul> <li>2 layers of</li> </ul>	13mm <b>tru</b> rocl	<			
33W3TE	• Steel stud	framing at ma	ximum 600m	m centres	Fi	re Resistance Level
	• 2 lavers of	13mm <b>tru</b> rocl	< Comparison of the second sec		-/12	0/120 and 90/90/90
						ted from both sides
						Report FC13921
	Stud Size (mm)	Wall Width (mm)	Sound Insulat Rw (Rw + Ctr)		00mm ce	entres and thinnest BMT
				Pink <sup>®</sup> Partitio	on	
			No insulation	50mm 11kg/m <sup>3</sup>	R1.2	Reports
	51	103	47 (40)	54 (46)		Day Dasias
	64 76	116 128	48 (41) 49 (41)	55 (48) 55 (49)		Day Design 5008-09
	92	144	49 (42)	56 ( <b>50</b> )		3094-33
	150	202	52 (44)	56 ( <b>52</b> )		
60WE40	• 1 laver of 1	3mm <b>fire</b> shiel	d			
SSW510			o ximum 600m	moontros	Fi	re Resistance Level
~		-	d + 6mm Villa			
	• Hayer OF I			00810		0/60 and 30/30/30 ted from both sides
						Report EC13921
	<b>fire</b> shield car	n be substitute	d with <b>multi</b> shi	eld or <b>tru</b> rock		Report FC13921
	Stud Size	Wall Width	Sound Insulat	<b>ion</b> for studs at 60	)Omm ce	
				ion for studs at 60		FC13921
	Stud Size	Wall Width	Sound Insulat	ion for studs at 60 Pink <sup>®</sup> Partitio	on	FC13921
	Stud Size	Wall Width	Sound Insulat Rw (Rw + Ctr)	ion for studs at 60	on	FC13921
	Stud Size (mm) 51 64	Wall Width (mm) 83 96	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39)	on	FC13921 entres and thinnest BMT
	Stud Size (mm) 51 64 76	Wall Width (mm) 83 96 108	Sound Insulat           Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40)	on	FC13921 entres and thinnest BMT Reports
	Stud Size (mm) 51 64 76 92	Wall Width (mm) 83 96 108 124	Sound Insulat Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)           43 (33)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42)	on	FC13921 entres and thinnest BMT Reports Day Design
	Stud Size (mm)           51           64           76           92           150	Wall Width (mm) 83 96 108 124 182	Sound Insulat Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)           43 (33)           45 (34)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45)	on	FC13921 entres and thinnest BMT Reports Day Design
SSW512	Stud Size (mm)           51           64           76           92           150	Wall Width (mm) 83 96 108 124 182	Sound Insulat Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)           43 (33)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45)	on	FC13921 entres and thinnest BMT Reports Day Design
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1	Wall Width (mm) 83 96 108 124 182 3mm fireshiel	Sound Insulat Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)           43 (33)           45 (34)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board™	on R1.2	FC13921 entres and thinnest BMT Reports Day Design
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board™ m centres	on R1.2	FC13921 entres and thinnest BMT Reports Day Design 3094-33
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villa	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board™ m centres	on R1.2 Fi	FC13921 entres and thinnest BMT Reports Day Design 3094-33
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board™ m centres	on R1.2 Fi	FC13921 entres and thinnest BMT Reports Day Design 3094-33
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup>	on R1.2 Fi	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fire</b> shield car	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fire</b> shield car <b>Stud Size</b>	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal d with <b>multishi</b> Sound Insulat	ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fire</b> shield car	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villat d with multishi Sound Insulat Rw (Rw + Ctr)	ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60	00 R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fire</b> shield car Stud Size (mm)	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal d with <b>multishi</b> Sound Insulat	ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921 entres and thinnest BMT
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fireshield</b> car Stud Size (mm) 51	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel wall Width (mm) 89	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 45 (35)	ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 53 (42)	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fireshield</b> car <b>Stud Size</b> (mm) 51 64	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel be substitute Wall Width (mm) 89 102	Sound Insulat Rw (Rw + Ctr)           No insulation           42 (32)           42 (32)           42 (32)           43 (33)           45 (34)           d + 6mm Villal           aximum 600m           d + 6mm Villal           Sound Insulat           Rw (Rw + Ctr)           No insulation           45 (35)	ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 53 (42) 54 (44)	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design
SSW512	Stud Size (mm) 51 64 76 92 150 • 1 layer of 1 • Steel stud • 1 layer of 1 • Steel stud • 1 layer of 1 <b>fireshield</b> car Stud Size (mm) 51	Wall Width (mm) 83 96 108 124 182 3mm fireshiel framing at ma 3mm fireshiel framing at ma 3mm fireshiel wall Width (mm) 89	Sound Insulat Rw (Rw + Ctr) No insulation 42 (32) 42 (32) 42 (32) 43 (33) 45 (34) d + 6mm Villal eximum 600m d + 6mm Villal d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 45 (35)	ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 48 (39) 49 (39) 50 (40) 51 (42) 52 (45) board <sup>™</sup> m centres board <sup>™</sup> eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 53 (42)	on R1.2 Fi -/9 ra	FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level 0/90 and 30/30/30 ted from both sides Report FC13921 entres and thinnest BMT Reports

SSW303	• 1 layer of 1	6mm <b>fire</b> shie	ld			
	<ul> <li>Steel stud</li> </ul>	framing at ma	aximum 600mm ce	entres		
	fireshield ca	n be substitut	ed with <b>multi</b> shiel	d or <b>tru</b> roc	k	
	Stud Size	Wall Width	Sound Insulation f	or studs at 6	00mm centres a	ind thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)	Dia	nk <sup>®</sup> Partition	
			No insulation		m 11kg/m <sup>3</sup> R1.2	
	51	67			<u></u>	Report
	64	80				Day Design
	76	92	30 (27)		33 (30)	3094-35 INSUL v9
	92 150	108	_			
SSW304	<ul> <li>2 layers of</li> </ul>	16mm <b>fire</b> shi	eld			
	<ul> <li>Steel stud</li> </ul>	framing at ma	aximum 600mm ce	entres	Fire Resis	stance Level
					-/60/60 ar	nd <b>60/60/60</b>
					rated from th	e lined side only
					R	eport
	ficeshield and		d with <b>multi</b> shield o	c hausook		13921
	Stud Size (mm)	Wall Width (mm)	Sound Insulation fo Rw (Rw + Ctr)	or studs at e	ouumm centres a	ind thinnest BINI
				Pir	nk <sup>®</sup> Partition	
			No insulation	50m	m 11kg/m <sup>3</sup> R1.2	Report
	51 64	83				Davida
	76	96	35 (31)		40 (37)	Day Design 3094-33
	92	124				INSUL v9
	150					
	150	182				
SSW205			eld			
SSW305	• 3 layers of	16mm <mark>fire</mark> shi		entres	Fire Resis	stance Level
SSW305	• 3 layers of	16mm <mark>fire</mark> shi	eld əximum 600mm ce	entres		
SSW305	• 3 layers of	16mm <mark>fire</mark> shi		entres	-/120/120 an	d 120/120/120
SSW305	• 3 layers of	16mm <mark>fire</mark> shi		entres	- <b>/120/120</b> an rated from th	id <b>120/120/120</b> e lined side only
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> </ul>	16mm <mark>fire</mark> shi framing at ma	aximum 600mm ce		<b>-/120/120</b> an rated from th Re	d <b>120/120/120</b> e lined side only eport
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> </ul>	16mm <mark>fire</mark> shi framing at ma			<b>-/120/120</b> an rated from th Re	id <b>120/120/120</b> e lined side only
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	16mm <b>fire</b> shi framing at ma be substitute Wall Width	aximum 600mm ce d with <b>multi</b> shield o <b>Sound Insulation f</b> e	<b>r tru</b> rock	<b>-/120/120</b> an rated from th Re FC	dd <b>120/120/120</b> e lined side only eport 13921
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> </ul>	16mm <b>fire</b> shi framing at ma n be substitute	d with <b>multi</b> shield o Sound Insulation fo Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6	-/120/120 an rated from th Re FC	dd <b>120/120/120</b> e lined side only eport 13921
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	16mm <b>fire</b> shi framing at ma be substitute Wall Width	aximum 600mm ce d with <b>multi</b> shield o <b>Sound Insulation f</b> e	r <b>tru</b> rock or studs at 6 Pir	<b>-/120/120</b> an rated from th Re FC	e lined side only eport 13921
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	16mm <b>fire</b> shi framing at ma be substitute Wall Width (mm) 99	d with <b>multi</b> shield o Sound Insulation fo Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir	-/120/120 an rated from th FC 000mm centres a nk <sup>®</sup> Partition	e lined side only eport 13921 Ind thinnest BMT Report
SSW305	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112	d with <b>multi</b> shield of <b>Sound Insulation</b> for <b>Rw (Rw + Ctr)</b> No insulation	r <b>tru</b> rock or studs at 6 Pir	-/120/120 an rated from th FC 000mm centres a nk <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2	e lined side only eport 13921 Ind thinnest BMT Report Day Design
SSW305	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64     76	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124	d with <b>multi</b> shield o Sound Insulation fo Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir	-/120/120 an rated from th FC 000mm centres a nk <sup>®</sup> Partition	e lined side only eport 13921 Ind thinnest BMT Report
SSW305	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112	d with <b>multi</b> shield of <b>Sound Insulation</b> for <b>Rw (Rw + Ctr)</b> No insulation	r <b>tru</b> rock or studs at 6 Pir	-/120/120 an rated from th FC 000mm centres a nk <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2	e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35)	r <b>tru</b> rock or studs at 6 Pir	-/120/120 an rated from th Re FC 000mm centres a 000mm centres a 1k <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40)	e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9
SSW305	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35)	r <b>tru</b> rock or studs at 6 Pir 50m	-/120/120 an rated from th FC 000mm centres a 000mm centres a 1k <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis	d 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce	r <b>tru</b> rock or studs at 6 Pir 50m	-/120/120 an rated from th ReFC 000mm centres a ak <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 a	e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce	r <b>tru</b> rock or studs at 6 Pir 50m	-/120/120 an rated from th ReFC 000mm centres a nk <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from b	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce	r <b>tru</b> rock or studs at 6 Pir 50m	-/120/120 an rated from th ReFC 000mm centres a nk <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from b Glasswoo -/60/60 an	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce	r <b>tru</b> rock or studs at 6 Pir 50m	-/120/120 an rated from th ReFC 000mm centres a nk <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 ar rated from b Glasswoo -/60/60 ar rated from both	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level nd 60/60/60 oth sides using ol insulation ad 60/60/60 sides using either
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce	r trurock or studs at 6 Pir 50m	-/120/120 an rated from th Re FC 000mm centres a ok <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 at rated from b Glasswoo -/60/60 at rated from both polyester insulat	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id	r trurock or studs at 6 Pir 50m entres	-/120/120 an rated from th Re FC 000mm centres a 000mm centres a 1k <sup>®</sup> Partition m 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both Glasswoo -/60/60 an rated from both polyester insulat Report	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 in subation ad 60/60/60 in subation ad 60/60/60
	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64     76     92     150     1 layer of 1     Steel stud     1 layer of 1     fireshield can	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multi</b> shield of	r <b>tru</b> rock or studs at 6 Pir 50m sontres	-/120/120 an rated from th Re FC 000mm centres a observe of the second rated from both polyester insulat Report 000mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 in subation ad 60/60/60 in subation ad 60/60/60
	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64     76     92     150     1 layer of 1     Steel stud     1 layer of 1     fireshield can     Stud Size	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir 50m entres r <b>tru</b> rock or studs at 6 Pink <sup>®</sup> Partil	-/120/120 an rated from th Re FC 000mm centres a observed from th 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both polyester insulat Report 500mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Report Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 in subation ad 60/60/60 in subation ad 60/60/60
	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64     76     92     150     1 layer of 1     Steel stud     1 layer of 1     fireshield can     Stud Size     (mm)	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie framing at ma 6mm fireshie	d with <b>multishield</b> of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multishield</b> of Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir 50m entres r <b>tru</b> rock or studs at 6 Pink <sup>®</sup> Partil Omm 11kg/m	-/120/120 an rated from th Re FC 000mm centres a observed from th 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both polyester insulat Report 500mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Bay Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 e sides using either ion or no insulation c FC13921 and thinnest BMT Reports
	3 layers of     Steel stud     fireshield can     Stud Size     (mm)     51     64     76     92     150     1 layer of 1     Steel stud     1 layer of 1     fireshield can     Stud Size	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr) Sound Insulation for Rw (Rw + Ctr) Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir 50m entres r <b>tru</b> rock or studs at 6 Pink <sup>®</sup> Partil 0mm 11kg/m 45 (37)	-/120/120 an rated from th Re FC 000mm centres a observed from th 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both polyester insulat Report 500mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Bay Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using b insulation and 60/60/60 oth sides using either ion or no insulation c FC13921 and thinnest BMT
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie m be substitute Wall Width (mm) 83	d with <b>multishield</b> of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multishield</b> of Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr)	r <b>tru</b> rock or studs at 6 Pir 50m entres r <b>tru</b> rock or studs at 6 Pink <sup>®</sup> Partil Omm 11kg/m	-/120/120 an rated from th Re FC 000mm centres a observed from th 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both polyester insulat Report 500mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Bay Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 a sides using either ion or no insulation c FC13921 and thinnest BMT Reports Day Design 3094-33
	<ul> <li>3 layers of</li> <li>Steel stud</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	16mm fireshi framing at ma be substitute Wall Width (mm) 99 112 124 140 198 6mm fireshie framing at ma 6mm fireshie framing at ma 6mm fireshie be substitute Wall Width (mm) 83 96	d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation 38 (35) Id aximum 600mm ce Id d with <b>multi</b> shield of Sound Insulation for Rw (Rw + Ctr) No insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr) Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr) No insulation for Sound Insulation for Rw (Rw + Ctr)	r trurock or studs at 6 Pir 50m entres r trurock or studs at 6 Pink <sup>®</sup> Partil 0mm 11kg/m 45 (37) 46 (37)	-/120/120 an rated from th Re FC 000mm centres a observed from th 11kg/m <sup>3</sup> R1.2 43 (40) Fire Resis -/90/90 an rated from both polyester insulat Report 500mm centres a	ad 120/120/120 e lined side only eport 13921 and thinnest BMT Day Design 3094-33 INSUL v9 stance Level ad 60/60/60 oth sides using ol insulation ad 60/60/60 a sides using either ion or no insulation c FC13921 and thinnest BMT

COMPAC	• 1 laver of 1	6mm <b>fire</b> shiel	h			
SSW316			aximum 600m	mcentres	Fi	re Resistance Level
		-		III Centres		
	<ul> <li>2 layers of</li> </ul>	16mm <mark>fire</mark> shi	eld			0/120 and 60/60/60
					ra	ted from both sides
						Report
	ficeshield can	ho substituto	d with <b>multi</b> shi	eld or <b>tru</b> rock		FC13921
		1			0	
	Stud Size (mm)	Wall Width (mm)	Rw (Rw + Ctr)			entres and thinnest BMT
	()	()		Pink <sup>®</sup> Partiti	on	
			No insulation	50mm 11kg/m <sup>3</sup>		
	51	99	43 (34)	50 (41)		Report
	64	112	43 (34)	51 (42)		Day Design
	76 92	124	44 (35)	51 (44)		3094-33
	150	140 198	45 (35) 47 (37)	52 (45) 53 (48)		
	190	190	47 (57)			
SSW317	• 2 layers of	16mm <b>fire</b> shi	eld			
		framing at ma	m centres	Fi	re Resistance Level	
		16mm <mark>fire</mark> shi		1000	120 and 120/120/120	
		. Shini n esili				0/120 and 120/120/120 Ited from both sides
					10	000 11011 00011 01065
						Report
	fireshield can	be substitute	d with <b>multi</b> shi	eld or <b>tru</b> rock		FC13921
	Stud Size	Wall Width			00mm c	entres and thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)			
			No insulation	Pink <sup>®</sup> Partiti		
	51	115		50mm 11kg/m <sup>3</sup>	R1.2	Report
	64	128	47 (40) 48 (41)	54 (46) 55 (48)		Day Design
	76	140	49 (41)	55 (49)		3094-33
	92	156	49 (42) <sup>1</sup>	56 ( <b>50</b> )		<sup>1</sup> HAS087
	150	214	52 (44)	56 ( <b>52</b> )		
CC14/740	• 3 lavers of	16mm <b>fire</b> shi	eld			
SSW319		16mm <b>fire</b> shi framing at ma		mcentres	Fi	re Resistance Level
SSW319	Steel stud	framing at ma	aximum 600m	m centres	Fi	re Resistance Level
SSW319	Steel stud		aximum 600m	m centres	-/240	0/240 and 120/120/120
SSW319	Steel stud	framing at ma	aximum 600m	m centres	-/240	
SSW319	Steel stud	framing at ma	aximum 600m	m centres	-/240	0/240 and 120/120/120 ted from both sides Report
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> </ul>	framing at ma 16mm <b>fire</b> shi	aximum 600m		-/240	0/240 and 120/120/120 ted from both sides
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute	aximum 600m eld d with <b>multi</b> shi	eld <b>or tru</b> rock	<b>-/240</b> ra	D/240 and 120/120/120 ted from both sides Report FC13921
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> </ul>	framing at ma 16mm <b>fire</b> shi	aximum 600m eld d with <b>multi</b> shi	eld or <b>tru</b> rock <b>ion</b> for studs at 60	-/240 ra	0/240 and 120/120/120 ted from both sides Report
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width	d with <b>multi</b> shi Rw (Rw + Ctr)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti	-/240 ra	D/240 and 120/120/120 ted from both sides Report FC13921
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm)	d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup>	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147	d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> )	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm)	d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup>	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160	eid d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48)	eld or <b>tru</b> rock <b>ion</b> for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>55</b> )	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172	d with <b>multishi</b> Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> )	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246	eximum 600m eld d with <b>multis</b> hi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> )	eld or <b>tru</b> rock <b>ion</b> for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>55</b> )	-/240 ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design
SSW319	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246	eld d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> )	-/24C ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>4 layers of</li> <li>Steel stud</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma	eximum 600m eld d with <b>mult</b> ishi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld eximum 600m	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> )	-/24C ra	0/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>4 layers of</li> <li>Steel stud</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246	eximum 600m eld d with <b>mult</b> ishi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld eximum 600m	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> )	-/240 ra 00mm cr on R1.2 Fi -/240	2/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>4 layers of</li> <li>Steel stud</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma	eximum 600m eld d with <b>mult</b> ishi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld eximum 600m	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> )	-/240 ra 00mm cr on R1.2 Fi -/240	D/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51 64 76 92 150</li> <li>4 layers of</li> <li>Steel stud</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma	eximum 600m eld d with <b>mult</b> ishi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld eximum 600m	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> )	-/240 ra 00mm cr on R1.2 Fi -/240	2/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi 16mm <b>fire</b> shi	eld d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 ( <b>50</b> ) eld eximum 600m eld	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres	-/240 ra 00mm cr on R1.2 Fi -/240	2/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi	eximum 600m eld d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47) 55 (47) 56 (48) 59 (50) eld eximum 600m eld	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partition 50 mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>56</b> ) m centres eld or <b>tru</b> rock	-/240 ra 00mm cr on R1.2 Fi -/240 ra	2/240 and 120/120/120 ted from both sides FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report FC13921
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi be substitute Wall Width	eximum 600m eld d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eximum 600m eld d with <b>mult</b> ishi Sound Insulat	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>55</b> ) 60 ( <b>56</b> ) m centres eld or <b>tru</b> rock ion for studs at 60	-/240 ra 00mm cr on R1.2 Fi -/240 ra	D/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi	eximum 600m eld d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eximum 600m eld d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b>	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres eld or <b>tru</b> rock ion for studs at 60	-/240 ra 00mm co 0n R1.2 -/240 ra	2/240 and 120/120/120 ted from both sides FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report FC13921
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi be substitute Wall Width	eximum 600m eld d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eximum 600m eld d with <b>mult</b> ishi Sound Insulat	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> 59 ( <b>52</b> ) 59 ( <b>54</b> ) 60 ( <b>54</b> ) 60 ( <b>55</b> ) 60 ( <b>56</b> ) m centres eld or <b>tru</b> rock ion for studs at 60	-/240 ra 00mm co 0n R1.2 -/240 ra 00mm co 00mm co	2/240 and 120/120/120 ted from both sides FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report FC13921
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 179	eximum 600m eld d with <b>multi</b> shi Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eximum 600m eld d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 61 (53)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 65 (58)	-/240 ra 00mm co 0n R1.2 -/240 ra 00mm co 00mm co	2/240 and 120/120/120 ted from both sides FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report FC13921
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 179 192	eximum 600m eld d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eld d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 61 (53) 62 (54)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 65 (58) 66 (59)	-/240 ra 00mm co 0n R1.2 -/240 ra 00mm co 00mm co	D/240 and 120/120/120         ited from both sides         Report         FC13921         entres and thinnest BMT         Reports         Day Design         3094-33
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> </ul>	framing at ma 16mm fireshi be substitute Wall Width (mm) 147 160 172 188 246 16mm fireshi framing at ma 16mm fireshi be substitute Wall Width (mm) 179 192 204	eximum 600m eld d with <b>multi</b> shi Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld aximum 600m eld d with <b>multi</b> shi <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 61 (53) 62 (54) 62 (55)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 65 (58) 66 (59) 66 (60)	-/240 ra 00mm co 0n R1.2 -/240 ra 00mm co 00mm co	2/240 and 120/120/120 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design 3094-33 re Resistance Level /240 and 180/180/180 ted from both sides Report FC13921 entres and thinnest BMT
	<ul> <li>Steel stud</li> <li>3 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> <li>92</li> <li>150</li> <li>4 layers of</li> <li>Steel stud</li> <li>4 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 147 160 172 188 246 16mm <b>fire</b> shi framing at ma 16mm <b>fire</b> shi be substitute Wall Width (mm) 179 192	eximum 600m eld d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 53 (46) 54 (47) 55 (47) 56 (48) 59 (50) eld eld d with multishi Sound Insulat Rw (Rw + Ctr) No insulation 61 (53) 62 (54)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 59 (52) 59 (54) 60 (54) 60 (55) 60 (56) m centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 50mm 11kg/m <sup>3</sup> 65 (58) 66 (59)	-/240 ra 00mm co 0n R1.2 -/240 ra 00mm co 00mm co	D/240 and 120/120/120         ited from both sides         Report         FC13921         entres and thinnest BMT         Reports         Day Design         3094-33

	• 2 lavers of 2	25mm <b>shaft</b> lin	or + 1 lavor of 1	3mm fireshield		
SSW582					Fi	re Resistance Level
		-	ximum 600mr			
	• 2 layers of 2	25mm <b>shaft</b> line	er + 1 layer of 1	3mm fireshield		<b>/240</b> and <b>180/180/180</b> ted from both sides
	fireshield can	be substituted	d with <b>multi</b> shie	eld or <b>tru</b> rock		Report FC13921
	Stud Size	Wall Width	Sound Insulati	on for stude at 60		entres and thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)			
			No insulation	Pink <sup>®</sup> Partitio 50mm 11kg/m³ F		
	51	177	57 (49)	60 ( <b>53</b> )		Reports
	64	190	57 ( <b>50</b> )	60 ( <b>55</b> )		
	76	202	58 ( <b>51</b> )	60 (55)		INSUL v9
	92	218	58 ( <b>51</b> )	61 (56)		
	150	276	59 ( <b>53</b> )	61 ( <b>57</b> )		
CCINE4 A	• 1 laver of 1	6mm <b>fire</b> shiel	d			
SSW514			- ximum 600mr	m centres	re Resistance Level	
~		-	d + 6mm Villat			
	- Hayer Of It					0/90 and 60/60/60
					ſð	ted from both sides
						Report
	fireshield car	n be substitut	ed with <b>fire</b> shi	ield or <b>tru</b> rock		FC13921
	Stud Size	Wall Width	Sound Insulati	on for studs at 60	0mm c	entres and thinnest BMT
	(mm)	(mm)	Rw (Rw + Ctr)			
			No insulation	Pink <sup>®</sup> Partitio		
	<b>F1</b>		4.4.(7.0)	50mm 11kg/m <sup>3</sup> F	1.2	
	51 64	89 102	44 (32) 46 (34)	<u>49 (37)</u> 51 (39)		Reports
	76	114	47 (36)	52 (43)		INSUL v9
	92	130	48 (38)	53 (43)		
	150	188	50 (42)	56 (47)		
SSW516	• 1 layer of 1	6mm <b>fire</b> shiel	d + 6mm Villat	moard™		
SSW516			d + 6mm Villat ximum 600mr		Fi	re Resistance Level
SSW516	Steel stud	framing at ma		m centres		
SSW516	Steel stud	framing at ma	ximum 600mr	m centres	-/12	re Resistance Level 0/120 and 60/60/60 ted from both sides
SSW516	Steel stud	framing at ma	ximum 600mr	m centres	-/12	<b>0/120</b> and <b>60/60/60</b> ted from both sides
SSW516	Steel stud     I layer of 1	framing at ma 6mm <mark>fire</mark> shiel	ximum 600mr d + 6mm Villat	m centres poard™	-/12	0/120 and 60/60/60
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield car</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi	m centres board™ eld or <b>tru</b> rock	<b>-/12</b> ra	<b>0/120</b> and <b>60/60/60</b> ted from both sides Report FC13921
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield car</li> <li>Stud Size</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute Wall Width	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati	m centres board™ eld or <b>tru</b> rock	<b>-/12</b> ra	<b>0/120</b> and <b>60/60/60</b> ted from both sides Report
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield car</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati Rw (Rw + Ctr)	m centres board™ feld or <b>tru</b> rock on for studs at 600	-/12 ra 0mm co	<b>0/120</b> and <b>60/60/60</b> ted from both sides Report FC13921
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield car</li> <li>Stud Size</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute Wall Width	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati	m centres board <sup>™</sup> eld or <b>tru</b> rock on for studs at 600 Pink <sup>®</sup> Partitio	-/12 ra Omm cu	0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 1</li> <li>fireshield car</li> <li>Stud Size</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute Wall Width	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati Rw (Rw + Ctr)	m centres board™ feld or <b>tru</b> rock on for studs at 600	-/12 ra Omm cu	<b>0/120</b> and <b>60/60/60</b> ted from both sides Report FC13921
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 10</li> <li>fireshield car</li> <li>Stud Size (mm)</li> </ul>	framing at ma 6mm <b>fire</b> shiel n be substitute Wall Width (mm)	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati Rw (Rw + Ctr) No insulation	m centres board <sup>™</sup> eeld or <b>tru</b> rock on for studs at 600 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> F 54 (44) 55 (46)	-/12 ra Omm cu	0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT Reports
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 10</li> <li>fireshield car</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> <li>76</li> </ul>	framing at ma 6mm <b>fire</b> shiel be substitute Wall Width (mm) 95	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati Rw (Rw + Ctr) No insulation 46 (39) 47 (40)	m centres board <sup>™</sup> eld or <b>tru</b> rock on for studs at 600 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> F 54 (44) 55 (46) 55 (47)	-/12 ra Omm cu	0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT
SSW516	<ul> <li>Steel stud</li> <li>1 layer of 10</li> <li>fireshield car</li> <li>Stud Size (mm)</li> <li>51</li> <li>64</li> </ul>	framing at ma Smm <b>fire</b> shiel be substitute Wall Width (mm) 95 108	ximum 600mr d + 6mm Villat ed with <b>fire</b> shi Sound Insulati Rw (Rw + Ctr) No insulation 46 (39) 47 (40)	m centres board <sup>™</sup> eeld or <b>tru</b> rock on for studs at 600 Pink <sup>®</sup> Partitio 50mm 11kg/m <sup>3</sup> F 54 (44) 55 (46)	-/12 ra Omm cu	0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT Reports Day Design

SSW386	• 92mm acou	3mm <b>fire</b> shield J <b>stic</b> stud at m 3mm <b>fire</b> shield	naximum 60C	)mm centres	Fire Resistance Level -/60/60 and 30/30/30 rated from both sides Report FC13921		
234	Stud Size	be substituted	Sound Insulat	i <b>on</b> for studs at 60	)Omm c	entres and thinnest BMT	
	(mm)	(mm)	Rw (Rw + Ctr) No insulation	Pink <sup>®</sup> Partiti		Reports	
	92 Siniat Acoustic Stud	118	42 (35)	50 (41) <sup>1</sup>		Day Design 5008.28 <sup>1</sup> TL609-02	
SSW387	• 92mm acou	3mm <b>fire</b> shield J <b>stic</b> stud at m 13mm <b>fire</b> shie	naximum 60C	)mm centres		re Resistance Level	
					ra	ted from both sides Report FC13921	
	fireshield can Stud Size (mm)	be substituted Wall Width (mm)	1	ion for studs at 60		entres and thinnest BMT	
			No insulation	Pink <sup>®</sup> Partiti		Report	
	92 Siniat Acoustic Stud	131	48 (41)	56 (47)		Day Design 5008.28	
SSW388	<ul> <li>92mm acou</li> <li>2 layers of</li> </ul>	13mm <b>fire</b> shie u <b>stic</b> stud at m 13mm <b>fire</b> shie	naximum 60C Id		Fire Resistance Level -/120/120 and 90/90/90 rated from both sides Report FC13921		
	Stud Size (mm)	be substituted Wall Width (mm)		i <b>on</b> for studs at 60	)Omm c	entres and thinnest BMT	
	92 Siniat Acoustic Stud	144	No insulation 54 (48)	Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 60 ( <b>52</b> )		Report Day Design 5008.28	
SSW396		3mm <b>fire</b> shield J <b>stic</b> stud at m			Fi	re Resistance Level	
	• 1 layer of 13	3mm <b>fire</b> shield	d + 13mm <b>ma</b> s	<b>sta</b> shield		0/90 and 60/60/60 ted from both sides	
	fireshield can l	n be substitute be substituted v nings can be rev	vith <b>multi</b> shield			Report FC13921	
	Stud Size (mm)	Wall Width (mm)	Rw (Rw + Ctr)	Pink <sup>®</sup> Partiti		entres and thinnest BMT	
	92		No insulation	75mm 11 kg/m <sup>3</sup>		Reports Day Design 5008.28	
	Siniat Acoustic Stud	144	51 (45)	58 <b>(51)</b> ¹		<sup>1</sup> TL609-03	

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SSW551		13mm <b>fire</b> shie				
		ustic stud at r			Fi	re Resistance Level
	• 1 layer of 1	3mm <b>fire</b> shiel	d + 6mm Villa	poard™		0/90 and 30/30/30
					ra	ted from both sides
						Report FC13921
		be substituted				
	Stud Size (mm)	Wall Width (mm)	Sound Insulat Rw (Rw + Ctr)		0mm c	entres and thinnest BMT
			No insulation	Pink <sup>®</sup> Partiti		
				75mm 11 kg/m <sup>3</sup>	R1.8	Report
	92 Siniat Acoustic Stud	137	51 (44)	59 ( <b>50</b> )		Day Design 5008.28
				1.774		
SSW552		3mm <b>fire</b> shiel <b>ustic</b> stud at r			Fi	re Resistance Level
		3mm <b>fire</b> shiel				
				00010		0/90 and 30/30/30 ted from both sides
						Report
	fireshield can	be substituted	d with <b>multi</b> shi	ield or <b>tru</b> rock		FC13921
	Stud Size (mm)	Wall Width (mm)	Sound Insulat Rw (Rw + Ctr)			entres and thinnest BMT
			No insulation	Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup>		
				7 Jillin H Kg/III	1110	Report
	92 Siniat	130	51 (44)	58 ( <b>50</b> )		Day Design 5008.28
	Acoustic Stud					5006.26
L						
SSW391	• 92mm acor • 1 layer of 10	6mm <b>fire</b> shiel <b>ustic</b> stud at r 6mm <b>fire</b> shiel be substituted	naximum 60C d		<b>-/9</b> ratec G <b>-/6</b> rated fr	re Resistance Level 0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either er insulation or no insulation Report FC13921
1	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	ustic stud at r 6mm fireshiel be substituted Wall Width	naximum 600 d d with <b>multi</b> shi <b>Sound Insulat</b>	eld or <b>tru</b> rock : <b>ion</b> for studs at 60	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either r insulation or no insulation
1	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> </ul>	ustic stud at r 6mm fireshiel be substituted	d with <b>multi</b> shi	eld or <b>tru</b> rock :ion for studs at 60 Pink <sup>®</sup> Partiti	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either r insulation or no insulation Report FC13921
1	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	ustic stud at r 6mm fireshiel be substituted Wall Width	naximum 600 d d with <b>multi</b> shi <b>Sound Insulat</b>	ield or <b>tru</b> rock ion for studs at 60 Piok <sup>®</sup> Partiti	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either rr insulation or no insulation Report FC13921
1	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm)	d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation	eld or <b>tru</b> rock tion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup>	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 9 from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either r insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design
1	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	ustic stud at r 6mm fireshiel be substituted Wall Width	d with <b>multi</b> shi	eld or <b>tru</b> rock :ion for studs at 60 Pink <sup>®</sup> Partiti	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either to insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28
1	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92</li> <li>Siniat</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm)	d with <b>multi</b> shi Sound Insulat Rw (Rw + Ctr) No insulation	eld or <b>tru</b> rock tion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup>	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 9 from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either r insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design
	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92</li> <li>Siniat</li> <li>Acoustic Stud</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm)	aximum 600 d with <b>multishi</b> Sound Insulat Rw (Rw + Ctr) No insulation 42 (36)	eld or <b>tru</b> rock tion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup>	-/9 rated G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either to insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124	aximum 600 d with <b>multishi</b> Sound Insulat Rw (Rw + Ctr) No insulation 42 (36)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup>	-/9 ratec G -/6 rated fr polyeste	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28
	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acou</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel	d with <b>multishi</b> Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 42 (36)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup>	-/9 ratec G -/6 rated fr polyeste 00mm c 00mm c 00 R1.8	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 'TL609-1
SSW392	<ul> <li>92mm acou</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acou</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n	d with <b>multishi</b> Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 42 (36)	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup>	-/9 ratec G -/6 rated fr polyeste 00mm c 00mm c 00 R1.8	0/90 and 60/60/60 d from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either or insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 'TL609-1
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel	naximum 600 d with <b>multishi</b> Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 42 (36) d naximum 600	ield or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup>	-/9 ratec G -/6 rated fr polyeste 00mm c 00mm c 00 R1.8	0/90 and 60/60/60 1 from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either or insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 'TL609-1 re Resistance Level 0/120 and 60/60/60
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> <li>fireshield can</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel be substituted	naximum 600 d with <b>multishi</b> Sound Insulat Rw (Rw + Ctr) No insulation 42 (36) d naximum 600 eld	eld or <b>tru</b> rock <b>ion</b> for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres	-/9 ratec G -/6 rated fr polyeste 00mm c 00mm c 00 R1.8	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 ITL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report FC13921
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel	naximum 600 d with <b>multishi</b> Sound Insulat Rw (Rw + Ctr) No insulation 42 (36) d naximum 600 eld	eld or <b>tru</b> rock <b>Sion</b> for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres field or <b>tru</b> rock <b>Sion</b> for studs at 60	-/9 ratec G -/6 rated fr polyeste 00mm c 00mm c 00 R1.8	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 <sup>1</sup> TL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel be substituted Wall Width	naximum 600 d with <b>multishi</b> Sound Insulat <b>Rw (Rw + Ctr)</b> No insulation 42 (36) d naximum 600 eld d with <b>multishi</b> Sound Insulat	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti-	-/9 rated G -/6 rated fr polyeste 00mm c 00 R1.8 Fi -/12 ra	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 ITL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report FC13921
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> <li>fireshield can</li> <li>Stud Size</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel be substituted Wall Width	haximum 600 d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 42 (36) d naximum 600 eld d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b>	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti	-/9 rated G -/6 rated fr polyeste 00mm c 00 R1.8 Fi -/12 ra	0/90 and 60/60/60 I from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Reports Day Design 5008.28 ITL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report FC13921
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel be substituted Wall Width (mm)	naximum 600 d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 42 (36) d naximum 600 eld d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 75mm 11 kg/m <sup>3</sup>	-/9 rated G -/6 rated fr polyeste 00mm c 00 R1.8 Fi -/12 ra	0/90 and 60/60/60 1 from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either re insulation or no insulation Report FC13921 entres and thinnest BMT Day Design 5008.28 'TL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT Report Day Design
SSW392	<ul> <li>92mm acor</li> <li>1 layer of 10</li> <li>fireshield can</li> <li>Stud Size (mm)</li> <li>92 Siniat</li> <li>Acoustic Stud</li> <li>1 layer of 10</li> <li>92mm acor</li> <li>2 layers of</li> <li>fireshield can</li> <li>Stud Size (mm)</li> </ul>	ustic stud at n 6mm fireshiel be substituted Wall Width (mm) 124 6mm fireshiel ustic stud at n 16mm fireshiel be substituted Wall Width	haximum 600 d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b> No insulation 42 (36) d naximum 600 eld d with <b>multishi</b> <b>Sound Insulat</b> <b>Rw (Rw + Ctr)</b>	eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti- 75mm 11 kg/m <sup>3</sup> 51 (43) <sup>1</sup> Omm centres eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti-	-/9 rated G -/6 rated fr polyeste 00mm c 00 R1.8 Fi -/12 ra	0/90 and 60/60/60 1 from both sides using lasswool insulation 0/60 and 60/60/60 rom both sides using either r insulation or no insulation Report FC13921 entres and thinnest BMT Day Design 5008.28 'TL609-1 re Resistance Level 0/120 and 60/60/60 ted from both sides Report FC13921 entres and thinnest BMT Report

	• 2 lavers of	16mm <b>fire</b> shie						
SSW393		ustic stud at m		mm centres	Fi	re Resistance Level		
		16mm <b>fire</b> shie				<b>//120</b> and <b>120/120/120</b> ted from both sides		
	fireshield can	be substituted	l with <b>multi</b> shi	eld <b>or tru</b> rock		Report FC13921		
	Stud Size (mm)	Wall Width (mm)		ion for studs at 60	00mm c	entres and thinnest BMT		
			No insulation	Pink <sup>®</sup> Partitio 75mm 11 kg/m³		Report		
	92 Siniat Acoustic Stud	156	54 (47)	62 ( <b>54</b> )		Day Design 5008.28		
SSW397	-	5mm <b>fire</b> shield						
2		ustic stud at m			Fi	re Resistance Level		
	• Hayer of 16	5mm <b>fire</b> shield	0 + 10mm <b>ma</b> :	scasnielo		20/120 and 60/60/60 Ited from both sides		
		an be substitul be substitutec				Report FC13921		
	Stud Size (mm)	Wall Width (mm)	Sound Insulat Rw (Rw + Ctr)			entres and thinnest BMT		
			No insulation	Pink <sup>®</sup> Partiti 75mm 11 kg/m <sup>3</sup>		Report		
	92 Siniat Acoustic Stud	144	53 (45)	61 ( <b>51</b> )		Day Design 5008.28		
SSW555	• 2 layers of	16mm <b>fire</b> shie	ld					
1		<b>istic</b> stud at m			Fi	re Resistance Level		
	• 1 layer of 16	5mm <b>fire</b> shield	d + 6mm Villa	poarq		0/120 and 60/60/60 ted from both sides		
		be substituted with <b>multi</b> shield or <b>tru</b> rock inings can be reversed				Report FC13921		
	Stud Size (mm)	Wall Width (mm)	Sound Insulat Rw (Rw + Ctr)		00mm c	entres and thinnest BMT		
			No insulation	Pink <sup>®</sup> Partitio 75mm 11 kg/m³				
	92 Siniat Acoustic Stud	146	54 (46)	62 ( <b>53</b> )		Report Day Design 5008.28		
~	. 1	Soon <b>fice</b> shield	d + 6mm Villa	board™				
			· · · · · · · · · · · · · · · · · · ·	00010				
SSW556		ustic stud at m			Fi	re Resistance Level		
SSW556	• 92mm acou		naximum 600	mm centres	-/12	re Resistance Level 20/120 and 60/60/60 ted from both sides		
	<ul> <li>92mm acout</li> <li>1 layer of 16</li> <li>fireshield can</li> </ul>	<b>istic</b> stud at m	naximum 600 d + 6mm Villa I with <b>multi</b> shi	)mm centres board™	-/12	0/120 and 60/60/60		
	<ul> <li>92mm acou</li> <li>1 layer of 16</li> <li>fireshield can Order of wall I</li> <li>Stud Size</li> </ul>	ustic stud at m fireshield be substituted inings can be r Wall Width	naximum 600 d + 6mm Villa d with <b>multi</b> shi reversed <b>Sound Insulat</b>	omm centres board™ eld or <b>tru</b> rock ion for studs at 60	<b>-/12</b> ra	0/120 and 60/60/60 ted from both sides Report		
	<ul> <li>92mm acou</li> <li>1 layer of 16</li> <li>fireshield can</li> <li>Order of wall I</li> </ul>	ustic stud at m 5mm fireshield be substituted inings can be r	naximum 600 d + 6mm Villa d with <b>multi</b> shi reversed	omm centres board™ eld or <b>tru</b> rock ion for studs at 60 Pink <sup>®</sup> Partiti	-/12 ra 00mm co	2 <b>0/120</b> and <b>60/60/60</b> Ited from both sides Report FC13921		

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Steel stud framing at maximum 600mm centres Minimum 20mm air gap Steel stud framing at maximum 600mm centres Hayer of 13mm fireshield fireshield can be substituted with multishield or trurock Cavity Size Width Sound insulation Mo insulation Sound insulation Mo insulation Sound insulation Mo insulation Sound argap Steel stud framing at maximum 600mm centres Hayer of 13mm fireshield Steel stud framing at maximum 600mm centres Hire Resistance Level Jag Jag Steel stud framing at maximum 600mm centres Siteel stud framing at maximum 600mm centres Hire Resistance Level Jag 200 Z x 64mm studs Jag 200 Z x 64mm studs Steel stud framing at maximum 600mm centres Hire Resistance Level Jag 200 Z x 64mm studs Steel stud framing at maximum 600mm centres Layers of 13mm fireshield Texistation Sound insulation Sound insulation Sound insulation Sound insulation Sound insulation Sound insulation Sound insulation Sound insulation Steel stud framing at maximum 600mm centres Hire Resistance Level Jag 200 Z x 64mm studs Z x	SSW330       • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Minimum 20mm fireshield       • Harden be substituted with multishield or turook       • Goldo and 30/30/20         • Hayer of 13mm fireshield       fireshield can be substituted with multishield or turook       Reports         • Minimum 20mm air gap       • Minimum 20mm fireshield       Bayesign 309-33         • 1 ayer of 13mm fireshield       50 mm 11/g/m R1.2       Day Design 309-33         • 1 ayer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Day Design 309-33         • 1 ayer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Day Design 309-33         • 1 ayer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Pink <sup>®</sup> Partition         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Pink <sup>®</sup> Partition         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Pink <sup>®</sup> Partition         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Pink <sup>®</sup> Partition         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres	Stree stud framing at maximum 600mm centres     Minimum 20mm air gap     Stree stud framing at maximum 600mm centres     Minimum 20mm air gap     Stree stud framing at maximum 600mm centres     Minimum 20mm air gap     Sound Insulation     Mo insulation     Somm 11kg/m R12     Som 11kg/m R12     Somm 11k	CCM220	• 1 layer of 13m	nm <b>fire</b> shie	d							
Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     fireshield can be substituted with multishield or trurock     Carter Stam studs         2x 64mm studs         2x 64mm studs         2z 64 43 (36)         51 (41)         Construction         Constru	Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     fireshield can be substituted with multishield or trurock     Construction         A48         (2 x 64mm studs         174         42 (35)         50 (38)         No insulation         Sound insulation         So	Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     Fireshield can be substituted with multishield or truncok     Cated from both sides     Report     F013921     Fireshield can be substituted with multishield or truncok     Cated from both sides     Report     F013921     Cated from both sides     Report     F013921     Stress	5511550	-			)mm ce	entres		Fire Resist	tance Level		
Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     reshield can be substituted with multishield or trunck     Report	Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     fireshield can be substituted with multishield or truncet     index of 13mm fireshield     fireshield can be substituted with multishield or truncet     index of 13mm fireshield     fireshield can be substituted with multishield or truncet     index of 13mm fireshield     index of 13mm fireshield     insulation         Steel stud framing at maximum 600mm centres     index of 13mm fireshield     insulation         Steel stud framing at maximum 600mm centres     insulation     insulation     Steel stud framing at maximum 600mm centres     insulation     insulation     insulation     insulation     Somm 11kg/m*R1     insulation     insulation     insulation     fire Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Resistance Level     -90/90 and 30/30/30     rated from both sides     Report     if Reshield can be substituted with multishield or truncet     if Reshield can be substituted with multishield or truncet     if Resistance     is a system at gap     is 2 layers of 13mm fireshield     is 2 layers of 13mm fireshield     is 2 layers of 13mm fireshield     fireshield can be substituted with multishield or truncet     is a substituted with multishield or truncet     is 2 layers of 13mm fireshield     fireshield can be substit	Steel stud framing at maximum 600mm centres     1 layer of 13mm fireshield     fireshield can be substituted with multishield or trurock     Cavity Size     (mm)         Kw (Kw + Ctr)         Ta8         (2x 64mm studs         174         42 (35)         50 (38)         Mote: Impact sound         Reports         Cavity Size         (2x 64mm studs         174         42 (35)         50 (38)         Mote: Impact sound         Reports         Cavity Size         (2x 64mm studs         174         42 (35)         50 (38)         Mote: Impact sound         Reports         Cavity Size         (2x 64mm studs         174         42 (35)         50 (38)         Mote: Impact sound         Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         Fire Resistance Level         -/90/90 and 30/30/30         rated from both sides         Report         FireSide         Steel stud framing at maximum 600mm centres         -/120/100 and 30/30/30         rated from both sides         Report         FireSide         Steel stud framing at maximum 600mm centres         -/120/100 and 30/30/30         rated from both sides         Report         FireSide         Steel stud framing at maximum 600mm centres         -/120/100 and 30/30/30         rated from both sides         Report         Steel stud framing at maximum 600mm centres         -/120/100 and 30/30/30         rated fr		• Minimum 20r	mm air gap				-	/60/60 an	d 30/30/30		
SSW331         * 1 layer of 13mm fireshield         Fire Resistance Level         -/90/90 and 30/30/30 rated from tukg/m R12         Page Resistance           * 1 layer of 13mm fireshield         * 2 layers of 13mm fireshield	Fireshield can be substituted with multishield or trurock         Period           The shield can be substituted with multishield or trurock         Period           The shield can be substituted with multishield or trurock         Period           The shield can be substituted with multishield or trurock         Period           The shield can be substituted with multishield or trurock         Period           SSW331         148         174         42 (25)'         50 (38)           Statistication         226         43 (36)         51 (41)         Day Design 309-433           Statistication         226         43 (36)         51 (41)         Dev Design 307-33           Statistication         1 layer of 13mm fireshield         .         Statistication         Period           Statistication         1 layer of 13mm fireshield         .         Statistication         Payor 30/30/30           Statistication         1 layer of 13mm fireshield         .         Statistication         Payor 90/90 and 30/30/30           Statistication         1 layer of 13mm fireshield         .         Issuers of 13mm fireshield         .         Payor 90/90 and 30/30/30           Statistication         200         148         Width         Sound Insulation         Payor 90/90         Payor 90/90/90         Payor 90/90/90         Pay	Fireshield can be substituted with multishield or trurock         PC1921           Cavity Size         Width         Sound Insulation         Pink <sup>6</sup> Partition         Day Design 3094-33           Width         No insulation         Pink <sup>6</sup> Partition         Day Design 3094-33         Wifth           148         174         42 (35)         50 (38)         Day Design 3094-33           148         (2 x 64mm studs)         174         42 (35)         50 (38)         Day Segin 3094-33           148         (2 x 64mm studs)         226         43 (36)         51 (41)         Day Design 3094-33           Stew331		Steel stud fra	iming at ma	iximum 600	)mm ce	entres					
Intellinet of the Sound Insulation         Implementation       Pink 9 Partition         Implementation       Pink 9 Partition       Pink 9 Partition         Implementation       Pink 9 Partition       Pink 9 Partition       Pink 9 Partition         Implementation       Pink 9 Partition       Pink 9 Partition       Pink 9 Partition       Pink 9 Partition         Implementation       Pink 9 Partition	Intermed Leaf of a Jobal Live of the induction of the induct	SSW331       I algorithm fireshield         • 1 algorithm fireshield       • 1 algorithm fireshield         • 2 algorithm fireshield       • 5 cleal stud framing at maximum 600mm centres         • 1 algorithm fireshield		• 1 layer of 13m	im <b>fire</b> shie	d				Re	port		
Imm       Imm       Rev (Rw + Ctr)         148       Insulation       Pink® Partition       Bay Design 304-33 JATE 1528         200       (2x 64nm studs       124       42 (35)*       50 (38)         200       (2x 64nm studs       226       43 (36)       51 (41)         Struzzm air gap (2 x 64nm studs         1 layer of 13mm fireshield         Steel stud framing at maximum 600nm centres         Note: Impact sound Resistance Level         ·Minimum 20mm air gap         Steel stud framing at maximum 600nm centres         • Steel stud framing at maximum 600mm centres         • Steel stud frami	Imm       (mm)       Rm (Rw + Ctr)         148       No insulation       Pink® Partition       Day Design 309-33 VATF 1528         200       (2 × 64nm studs plus 20mm air gap)       226       43 (36)       51 (41)         Structure         SW331         * 1 layer of 13mm fireshield         * Steel stud framing at maximum 600mm centres         * Steel stud framing at maximum 600mm centres         * 2 layers of 13mm fireshield       * Steel stud framing at maximum 600mm centres         * 2 layers of 13mm fireshield       Fire Resistance Level         * fireshield can be substituted with multishield or truncot       Report Fc13921         Cavity Size (2 x 64nm studs)         2 x 9/m air gap)       239       47 (39)       57 (46)       60 (50)         Steel stud framing at maximum 600mm centres         * 2 layers of 13mm fireshield       Sound Insulation finsulation       Somm 11kg/m R12       Z x Pink® Partition Z x Pink® Partition       Day Design 4738-113         QO         2 x 64mm studs       187       46 (39)       56 (45)       60 (50)       No       No       Day Design 4738-113       Note Impact word Resistant       Note Impact 200       No       120 x Ensighat       Sound Insulation form bot	Image: space of the second s		fireshield can be	e substitute	d with <b>multi</b> s	shield o	or <b>tru</b> rock		FC1	3921		
No insulation         Somm 11kg/m <sup>2</sup> R1.2         Day Design 3034-33 VATF 1528           12 x 64mm studs plus 20mm air gap) (2 x 64mm studs plus 20mm air gap) (2 x 64mm studs plus 20mm air gap)         226         43 (36)         51 (41)         No testistant: 0.16scontinuous Construction           SSW331	No insulation         Somm 11kg/m³ R1.2         Day Design 3034-33 VAT 51282           12x 54mm studs plus 20mm air gap (2 x 54mm studs)         226         43 (36)         51 (41)         Note: Impact sestant - Discontinuous Construction           SSW331                • 1 layer of 13mm fireshield • Steel stud framing at maximum 600mm centres • Minimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trucok Cavity Size virt (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) <u>No</u> (mm) (mm) <u>No</u> (pissign 30/4-33) (sign 30/4-33)	No insulation         Somm Tikg/m <sup>2</sup> R12           148         174         42 (35) <sup>1</sup> 50 (38)           12 × 64mm studs         174         42 (35) <sup>1</sup> 50 (38)           12 × 64mm studs         226         43 (36)         51 (41)           12 × 64mm studs         226         43 (36)         51 (41)         Notestanter Discontinuous Construction           SSW331           • 1 layer of 13mm fireshield           • Steel stud framing at maximum 600mm centres											
148       174       42 (35)       50 (38)         148       200       226       43 (36)       51 (41)       Note: Impact sound Resistant - Discontinuous Construction         120       2 x 6Amm studg 226       43 (36)       51 (41)       Note: Impact sound Resistant - Discontinuous Construction         SSW331       • 1 layer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Jobs 27mm 1000 rated from both sides         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       -90/90 and 30/30/30 rated from both sides         • 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report FC13921         • Vity Size       Width       Sound Insulation       75mm 11kg/m <sup>2</sup> R12       Day Design 4738-115         • 1 48       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous Construction         • 2 values 200       2 x 64mm studg       239       47 (39)       57 (46)       61 (50)       Sound Resistant - Discontinuous Construction         • 148       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous Construction         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Note Resistant - Discontinuo	148       174       42 (35)       50 (38)         200       220       20       174       42 (35)       50 (38)         200       (2 x 64mm studs)       226       43 (36)       51 (41)       Note: impact sound Resistant: Disconstruction         SSW331         • 1 layer of 13mm fireshield         • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • '90/90 and 30/30/30 rated from both sides         • 2 layers of 13mm fireshield       Fire Resistance Level       -'90/90 and 30/30/30 rated from both sides         • Zayers of 13mm fireshield       Fireshield can be substituted with multishield or trurock       Report         Cavity Size       Width       Sound Insulation       75mm 11 kgm² R12       Pay Pink <sup>®</sup> Partition         (2 x 64mm studs)       187       46 (39)       56 (45)       60 (50)       Note: impact         0 lay S2mm air gap)       239       47 (39)       57 (46)       61 (50)       Note: impact         0 lay S2mm air gap)       239       47 (39)       57 (46)       61 (50)       Sound Resistant       0 lay O9/90/90         Steel stud framing at maximum 600mm centres         No lay S2mm air gap)       2 layers of 13mm fireshield </td <td>Image: Second structure       174       42 (35)'       50 (38)         Image: Second structure       200       (2 × 6 4mm studs)       226       43 (36)       51 (41)         Image: Second structure       0 (2 × 6 4mm studs)       226       43 (36)       51 (41)       Resistance Level         Image: Second structure       - 1 layer of 13mm fireshield      </td> <td></td> <td></td> <td></td> <td>No insulati</td> <td>ion 5</td> <td></td> <td></td> <td></td> <td></td>	Image: Second structure       174       42 (35)'       50 (38)         Image: Second structure       200       (2 × 6 4mm studs)       226       43 (36)       51 (41)         Image: Second structure       0 (2 × 6 4mm studs)       226       43 (36)       51 (41)       Resistance Level         Image: Second structure       - 1 layer of 13mm fireshield				No insulati	ion 5						
plus 20mm air gap) 20 (2 x 6 4mm studs plus 20mm ir gap)         226         43 (36)         51 (41)         Note: Impact sound Resistant: Discontinuous Construction           SSW331         • 1 layer of 13mm fireshield • Steel stud framing at maximum 600mm centres • Minimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield freshield can be substituted with multishield or truncok         Fire Resistance Level -/90/90 and 30/30/30 rated from both sides           Varity Size         Width freshield can be substituted with multishield or truncok         Report FC13921           Varity Size (mm)         Width freshield can be substituted with multishield or truncok         Day Design 4738-L15           Strusting (mm)         187 (freshield can be substituted with multishield or truncok         Day Design 4738-L15           Varity Size (mm)         148 (2 x 64mm studs)         187 (139)         56 (45)         60 (50) (50)         Note: Impact 90:000 Resistant • Discontinuous Construction           SSW332         • 2 layers of 13mm fireshield         • 2 layers of 13mm fireshield         Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         • Discontinuous Construction           • 2 layers of 13mm fireshield         • 2 layers of 13mm fireshield         Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         Report FC13921           • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres • Ninimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 laye	plus 20mm air gap) (2 x 64mm studg)         226         43 (36)         51 (41)         Note: Impact sound Resistant - Discontinuous Construction           SSW331         • 1 layer of 13mm fireshield         • Steel stud framing at maximum 600mm centres         • Jigy 20mm air gap         • Steel stud framing at maximum 600mm centres         • Jigy 20mm air gap         • Steel stud framing at maximum 600mm centres         • Jigy 20mm air gap         • Jigy 21 Jigy	plus 200m air gap) (2 x 64mm studg) 226       226       43 (36)       51 (41)       Note: Impact sound Resistant - Discontinuous Construction         SSW331       • 1 layer of 13mm fireshield • Steel stud framing at maximum 600mm centres • Minimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/90/90 and 30/30/30 rated from both sides         2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Report FC13921         2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Day Design 4738-L15         SSW/332       • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Day Design 75mm 11 kg/m <sup>6</sup> R18 • 2 layers of 13mm fireshield • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/12/120 and 90/90/90 rated from both sides         2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/12/120 and 90/90/90 rated from both sides         2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         2 layers of 1						-					
Image: Second struction       (2 × 64mm strugs)       226       43 (36)       51 (41)       Construction         SSW331       • 1 layer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level       -/90/90 and 30/30/30         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Zlayers of 13mm fireshield       -/90/90 and 30/30/30         • Steel stud framing at maximum 600mm centres       • Zlayers of 13mm fireshield       Report       -/10/90         (mm)       Rw (Rw + Ctr)       Treshield can be substituted with multishield or trurock       Report       Pink* Partition       2 x Pink* Partition       Day Design         148       (2 x 64mm studs       187       46 (39)       56 (45)       60 (50)       0       0       0       0       0       0       2 x Pink* Partition       2 x Pink* Partition       2 sound Resistant         10 x Zam air gap)       187       46 (39)       56 (45)       60 (50)       0	(2 × 64mm studs)       226       43 (36)       51 (41)       Construction         SSW331       • 1 layer of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • //90/90 and 30/30/30         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • //90/90 and 30/30/30         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report         fireshield can be substituted with multishield or trurock       Report       FC13921         Varity Size       Width       Sound Insulation       Sound Network       No         148       (2 x 64mm studs)       187       46 (39)       56 (45)       60 (50)       Note: Impact         0/2 x 64mm studs       187       46 (39)       57 (46)       61 (50)       No te: Impact       Sound Resistant       - Discontinuous         0/2 x 64mm studs       239       47 (39)       57 (46)       61 (50)       No te: Impact       Sound Resistant       - Discontinuous       Construction         19/10 SZ00m air gap       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       + No te: Impact       Sound Resistant       - Discontinuous       Construction         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • No mining minin	(2 x 6 4mm studs plus 72mm air gap)       226       43 (36)       51 (41)       Construction         SSW331       • 1 layer of 13mm fireshield • Steel stud framing at maximum 600mm centres • Minimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level -/90/90 and 30/30/30 rated from both sides • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Report FC13921         148 (2 x 64mm studs 2 x 9 47 (39)       2 x Pink <sup>®</sup> Partition 50mm 11kg/m <sup>®</sup> R12 2 x Pink <sup>®</sup> Partition 2 x Pink <sup>®</sup>		plus 20mm air gap		42 (35)1		50 (38	3)				
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I alyers of 13mm fireshield</li> <li>freshield can be substituted with multishield or trurock</li> <li>Cavity Size Width Sound Insulation from 11kg/m<sup>3</sup> R1.2</li> <li>Yeine Keistance Level</li> <li>-90/90 and 30/30/30 rated from both sides</li> <li>Report FC13921</li> <li>Day Design 4738-L15</li> <li>Note: Impact sound Resistant</li> <li>O (2 x 64mm studs 187 46 (39) 56 (45) 60 (50)</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshie</li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20ma ir gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20ma ir gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziesel stud framing at maximum 600mm centres</li> <li>Lagers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziespers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziespers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziespers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziespers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Ziespers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud fr</li></ul>		(2 x 64mm studs	226	43 (36)		51 (41	)				
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>I alyers of 13mm fireshield</li> <li>Fire Resistance Level</li> <li>Gavity Size</li> <li>Width Sound Insulation (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> RL2</li> <li>Yeink<sup>®</sup> Partition 200</li> <li>K 64mm studs plus 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I algo and sold sold sold sold sold sold sold sol</li></ul>			SSW331										
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Freshield can be substituted with multishield or trurock</li> <li>Cavity Size</li> <li>Width</li> <li>No</li> <li>Pink* Partition</li> <li>Sound Insulation</li> <li>Pink* Partition</li> <li>Pink* Partition<td><ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trucock</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>Kound Insulation (mm)</li> <li>Kound Insulation (mm)</li> <li>Sound Insulation (mm)</li></ul></td><td><ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 a pink* Partition</li> <li>2 x Pink* Partition</li> <li>Day Design</li> <li>Afasilation</li> <li>Day Design</li> <li>Afasilation</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Width</li> <li>2 a layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Treshield can be substituted with multishield or trurock</li> <li>Report FC13921</li> <li>Pay Design 4739-112</li> <li>Afas</li> <li>(x) C 200</li> <li< td=""><td></td><td></td><td>-</td><td>iximum 600</td><td>)mm ce</td><td>entres</td><td></td><td>Fire Resist</td><td>tance Level</td></li<></ul></td></li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trucock</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>Kound Insulation (mm)</li> <li>Kound Insulation (mm)</li> <li>Sound Insulation (mm)</li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 a pink* Partition</li> <li>2 x Pink* Partition</li> <li>Day Design</li> <li>Afasilation</li> <li>Day Design</li> <li>Afasilation</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Width</li> <li>2 a layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Treshield can be substituted with multishield or trurock</li> <li>Report FC13921</li> <li>Pay Design 4739-112</li> <li>Afas</li> <li>(x) C 200</li> <li< td=""><td></td><td></td><td>-</td><td>iximum 600</td><td>)mm ce</td><td>entres</td><td></td><td>Fire Resist</td><td>tance Level</td></li<></ul>			-	iximum 600	)mm ce	entres		Fire Resist	tance Level		
• 2 layers of 13mm fireshield       Report         fireshield can be substituted with multishield or trucock       Report         Cavity Size       Width       Sound Insulation         (mm)       No       Pink* Partition       2 x Pink* Partition         148       (2 x 64mm studs)       187       46 (39)       56 (45)       60 (50)         your Resistant       200       239       47 (39)       57 (46)       61 (50)       No tex: Impact         your Resistant       200       239       47 (39)       57 (46)       61 (50)       No tex: Impact         your Resistant       0 your air gap       239       47 (39)       57 (46)       61 (50)       No tex: Impact         your Resistant       0 your air gap       239       47 (39)       57 (46)       61 (50)       No tex: Impact         your Resistant       0 your air gap       30 your air gap       -1 (20/120 and 90/90/90)       Pinte Resistance Level       -1 (20/120 and 90/90/90)       Pinte form both sides         your your your your your your your your	• 2 layers of 13mm fireshield       Repart         fireshield can be substituted with multishield or trurock       FC13921         Cavity Size       Width       Sound Insulation         (mm)       No       Pink* Partition       2 x Pink* Partition         148       (2 x 64mm studs)       187       46 (39)       56 (45)       60 (50)         148       (2 x 64mm studs)       239       47 (39)       57 (46)       61 (50)       Note: Impact         200       (2 x 64mm studs)       239       47 (39)       57 (46)       61 (50)       Note: Impact         Steel stud framing at maximum 600mm centres       Minimum 20mm air gap       Steel stud framing at maximum 600mm centres       Fire Resistance Level         ·/120/120 and 90/90/90       rated from both sides       Report       Report         2 layers of 13mm fireshield       Steel stud framing at maximum 600mm centres       Report         · 2 layers of 13mm fireshield       Fire Resistance Level       -/120/120 and 90/90/90         · 2 layers of 13mm fireshield       Fireshield can be substituted with multishield or trurock       Report         · 2 layers of 13mm fireshield       fireshield       Report       FC13921         · 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report <t< td=""><td>• 2 layers of 13mm fireshield       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshiel</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	• 2 layers of 13mm fireshield       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Day Design 4738-L13         ifreshield can be substituted with multishield or trurock       Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshield can be substituted with multishield or trurock       Report FC13921         ifreshiel											
Fireshield can be substituted with multishield or trurock       Report FC13921         intershield can be substituted with multishield or trurock       To any Design (mm)       Day Design (mm)         intershield can be substituted with multishield or trurock       Day Design (738-115)         intershield can be substituted with multishield or trurock       Day Design (738-115)         intershield can be substituted with multishield or trurock       Day Design (738-115)         intershield       Sound Insulation (mm)       Sound Insulation (mm)         intershield       Sound Resistant (2 x 64mm studs)       239         intershield       Steel stud framing at maximum 600mm centres       Sound 1000m air gap         isteel stud framing at maximum 600mm centres       Hinimum 20mm air gap       Fire Resistance Level         ·/120/120 and 90/90/90 rated from both sides       Report FC13921         isteel stud framing at maximum 600mm centres       Report FC13921         isteel stud framing at maximum 600mm centres       Cavity Size         isteel stud framing at maximum 600mm centres       Report FC13921         isteel stud framing at maximum 600mm centres       Rep	Fireshield can be substituted with multishield or trurock       Report FCI3921         ineshield can be substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         ineshield can be substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         ineshield can be substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         SSW332       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock       Image: Comparison of the substituted with multishield or trurock         Image: Comparison of the substituted with multishield or trurock       Im	Fireshield can be substituted with multishield or trurock       Repart FC13921            fireshield can be substituted with multishield or trurock FC13921             fireshield can be substituted with multishield or trurock					num ce	entres		rated from	both sides		
Intestitute Can be substituted with multishield of trutock         Cavity Size       Width (mm)       Sound Insulation finsulation       Fink® Partition 75mm 11 kg/m³ R1.2       Day Design 4738-L15         148       148       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous (2 x 64mm studs)       Day Design 4738-L15         200       (2 x 64mm studs)       239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant - Discontinuous Construction         SSW332       -       2 layers of 13mm fireshield       -       Steel stud framing at maximum 600mm centres       Fire Resistance Level -/120/120 and 90/90/90 rated from both sides         2 layers of 13mm fireshield       -       Steel stud framing at maximum 600mm centres       Report FC13921         -       2 layers of 13mm fireshield       Report FC13921       Report FC13921         -       2 layers of 13mm fireshield       Turok       Report FC13921	Intestited can be substituted with multishield or trutock         Cavity Size (mm)       Width (mm)       Sound Insulation finsulation form 11kg/m <sup>3</sup> R1.2       Day Design 75mm 11kg/m <sup>3</sup> R1.8         148 (2 x 64mm studs       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant         200 (2 x 64mm studs       239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • 2 layers of 13mm fireshield       Fireshield can be substituted with multishield or trurock       Report Fc13921         148 (2 x 64mm studs       200       53 (45)       62 (50)       63 (53) <sup>2</sup> No       Pink <sup>®</sup> Partition insulation       Day Design freshield can be substituted with multishield or trurock	Itestified can be substituted with multishied of trutock         Cavity Size       Width (mm)       Sound Insulation msulation       Pink* Partition 50mm 11kg/m³ R1.2       2 x Pink® Partition 75mm 11kg/m³ R1.8       Day Design 4738-L15         148 (2 x 64mm studs       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant         200 (2 x 64mm studs       239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Pink* Partition rated from both sides         • 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trucok       Report FC13921         • Steel stud framing at maximum 600mm centres       • No       Pink* Partition form fireshield       Pay Design 4738-L12         • 148       200       53 (45)       62 (50)       63 (53)       Pay Design 4738-L12         • 148       200       53 (45)       62 (50)       63 (53)       Sound Resistant • Discontinuous											
(mm)       (mm)       Rw (Rw + Ctr)         148       No       Pink* Partition       2x Pink® Partition       Day Design         1200       2x 64mm studs       187       46 (39)       56 (45)       60 (50)       Note: Impact         200       2x 64mm studs       239       47 (39)       57 (46)       61 (50)       Note: Impact         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Allow 30/90/90       rated from both sides         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Pink* Partition       -/120/120 and 90/90/90         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield         • Cavity Size       Width       Sound Insulation       Report         fireshield can be substituted with multishield or trurock       Report       Pink* Partition         Cavity Size       Width       Sound Insulation       Tymn 11kg/m³ R1.2       Partition         148       Image: Pink* Partition       2x Pink* Partition       Zx Pi	(mm)       (mm)       Rw (Rw + Ctr)         Image: No insulation insulation insulation insulation insulation insulation form 11kg/m³ R1.2       2 x Pink® Partition 75mm 11 kg/m³ R1.8       Day Design 4738-L15         148       (2 x 64mm studs 187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous Construction         200       (2 x 64mm studs 239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant - Discontinuous Construction         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level       -/120/120 and 90/90/90 rated from both sides         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level       -/120/120 and 90/90/90 rated from both sides         • 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report FC13921         Cavity Size       Width       Sound Insulation form 11kg/m³ R1.2       75mm 11 kg/m³ R1.8         (2 x 64mm studs 200       53 (45)       62 (50)       63 (53) <sup>2</sup> Day Design 4738-L12	Image: first start of the						or <b>tru</b> rock		FUI.	5921		
148       insulation       50mm 11kg/m³ R1.2       75mm 11 kg/m³ R1.8       4738-L15         148       (2 x 64mm studs plus 20mm air gap)       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous Construction         200       (2 x 64mm studs plus 72mm air gap)       239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant - Discontinuous Construction         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       -/120/120 and 90/90/90 rated from both sides         • 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report FC13921         fireshield can be substituted with multishield or trurock       Cavity Size       Width (mm)       Sound Insulation Rw (Rw + Ctr)       Day Design 4738-L12         148       148       148       148       148       148       21 Pink <sup>®</sup> Partition 148       12 Pink <sup>®</sup> Partition 148	insulation       50mm 11kg/m³ R1.2       75mm 11 kg/m³ R1.8       Jagy Design 4738-L15         148       (2 how ms studs plus 20mm air gap)       187       46 (39)       56 (45)       60 (50)       Note: Impact sound esistant - Discontinuous Construction         200       (2 x 64mm studs plus 20m air gap)       239       47 (39)       57 (46)       61 (50)       Sound esistant - Discontinuous Construction         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Report FC13921         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report FC13921         fireshield can be substituted with multishield or trurock       Report FC13921       148         (2 x 54mm studs 200       53 (45)1       62 (50)       63 (53)2       Ar38-L12         * 148       200       53 (45)1       62 (50)       63 (53)2       Note: Impact Sound Resistant	insulation       50mm 11kg/m³ R1.2       75mm 11 kg/m³ R1.8       Jay Design 4738-L15         148       (2 x 64mm studs 187)       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant - Discontinuous Construction         200       (2 x 64mm studs 239)       239       47 (39)       57 (46)       61 (50)       Sound Resistant - Discontinuous Construction         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Report ret from both sides         2 layers of 13mm fireshield       fireshield or trurock       Report FC13921         Fire Resistance Level         • Minimum 20mm air gap       Sound Insulation ret from both sides         • 2 layers of 13mm fireshield       Report FC13921         fireshield can be substituted with multishield or trurock       Report FC13921         Cavity Size       Width       Sound Insulation 50mm 11kg/m³ R1.2       Z Nik® Partition 75mm 11 kg/m³ R1.2         148       (2 x 64mm studs 200       53 (45)       62 (50)       63 (53) <sup>2</sup> Note: Impact sound resistant * TS25-1         10 x 200m air gap       200       53 (45)       62 (50)       63 (53) <sup>2</sup> Note: Impact											
148       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant         200       200       239       47 (39)       57 (46)       61 (50)       Discontinuous Construction         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       Report         • Steel stud framing at maximum 600mm centres       Report       FC13921         • Steel stud framing at maximum 600mm centres         • Discontinuous       Report       FC13921         • Steel stud framing at maximum 600mm centres         • 2 layers of 13mm fireshield       Report       FC13921         • Steel stud framing at maximum 600mm centres         • 2 layers of 13mm fireshield       Report       FC13921         • Steel stud framing at maximum 600mm centres         • 1 age       Width       Sound Insulation       Report         • Steel stud framing at maximum 600mm centres	148       187       46 (39)       56 (45)       60 (50)       Note: Impact sound Resistant         200       200       239       47 (39)       57 (46)       61 (50)       Note: Impact sound Resistant         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres       Minimum 20mm air gap       -/120/120 and 90/90/90         • Steel stud framing at maximum 600mm centres       -/120/120 and 90/90/90       rated from both sides         • 2 layers of 13mm fireshield       -/120/120 and 90/90/90       rated from both sides         • 2 layers of 13mm fireshield       Fire Resistance Level       -/120/120 and 90/90/90         • Steel stud framing at maximum 600mm centres       2 layers of 13mm fireshield       Report         fireshield can be substituted with multishield or trurock       Report       FC13921         Cavity Size       Width       Sound Insulation       A738-L12         (mm)       No       Pink <sup>®</sup> Partition       75mm11kg/m <sup>3</sup> R1.8       T1525-1         148       (2 x 64mm studs       200       53 (45) <sup>1</sup> 62 (50)       63 (53) <sup>2</sup> Note: Impact	148         187         46 (39)         56 (45)         60 (50)         Note: Impact sound Resistant: - Discontinuous Construction           200         (2 x 64mm studs 239         47 (39)         57 (46)         61 (50)         Note: Impact sound Resistant: - Discontinuous Construction           SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres         Fire Resistance Level         -/120/120 and 90/90/90 rated from both sides           • Steel stud framing at maximum 600mm centres         • Steel stud framing at maximum 600mm centres         Fire Resistance Level           • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres         • Report reted from both sides           • 2 layers of 13mm fireshield         fireshield can be substituted with multishield or trurock         Report FC13921           Cavity Size         Width         Sound Insulation form (mm)         Tom (Rw (Rw + Ctr))         Pay Design 4738-12           148         (2 x 64mm studs 200         53 (45)         62 (50)         63 (53) <sup>2</sup> Note: Impact sound Resistant											
plus 20mm air gap) 200 (2 x 64mm studs plus 72mm air gap)       sound Resistant - Discontinuous Construction         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level       ·/120/120 and 90/90/90 rated from both sides         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • /120/120 and 90/90/90 rated from both sides         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Report FC13921         • Other Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       • Report FC13921         • Other Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       • Day Design 4738-L12         • Insulation       • No       • Pink <sup>®</sup> Partition insulation       • Day Design 4738-L12         • 148       • Insulation       • Day Design       • Ares 112	plus 20mm air gap) 200 (2 x 64mm studs plus 72mm air gap)       sound Resistant         SSW332       • 2 layers of 13mm fireshield       • 57 (46)       61 (50)       • Construction         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level       -/120/120 and 90/90/90         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Cavity Size       Width         • 2 layers of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report         • Cavity Size       Width       Sound Insulation       Report         • Minimum 20mm air gap)       • No       Pink* Partition       2 x Pink* Partition         • Alta8       (2 with size)       Sound Insulation       Day Design         • 148       (2 x 64mm studs)       200       53 (45)*       62 (50)       63 (53)*	plus 20mm air gap)       sound Resistant         200       (2 x 64 mm studs plus 72mm air gap)       239       47 (39)       57 (46)       61 (50)       Discontinuous Construction         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       Fire Resistance Level       -/120/120 and 90/90/90         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report       FC13921         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report       FC13921         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Bayers       Report         fireshield can be substituted with multishield or trurock       Report       FC13921         • Discontinuous       148       Sound Insulation       75mm 11kg/m³ R1.2       Day Design 4738-L12         • 148       (2 x 64mm studs 200       53 (45) <sup>1</sup> 62 (50)       63 (53) <sup>2</sup> Note: Impact 3752-1         • Discontinuous       200       53 (45) <sup>1</sup> 62 (50)       63 (53) <sup>2</sup> Note: Impact 3-1			187	46 (39)		-					
(2 x 64mm studs plus 72mm air gap)       239       47 (39)       57 (46)       61 (50)       Construction         SSW332       • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level       -/120/120 and 90/90/90 rated from both sides         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Report FC13921         • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm centres       • Report FC13921       Report FC13921         • Open fireshield can be substituted with multishield or trurock       Minimum 20mm Rw (Rw + Ctr)       Day Design 4738-L12         • Minimum 20mm       • Steel stud framing at maximum 600mm centres       • Steel stud framing at maximum 600mm framing at	(2 x 64mm studs plus 72mm air gap)       239       47 (39)       57 (46)       61 (50)       Construction         SSW332         • 2 layers of 13mm fireshield         • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • //20/120 and 90/90/90 rated from both sides         • 2 layers of 13mm fireshield       • Steel stud framing at maximum 600mm centres       • Report FC13921         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report FC13921         • Steel stud framing at maximum 600mm centres       • 2 layers of 13mm fireshield       Report FC13921         • Moint un Voit view of 13mm fireshield       fireshield can be substituted with multishield or trurock       Report FC13921         • Midth       Sound Insulation (mm)       No       Pink <sup>®</sup> Partition 11kg/m <sup>3</sup> R1.2       Day Design 4738-L12         • VITF1534       148 (2 x 64mm studs       200       53 (45) <sup>1</sup> 62 (50)       63 (53) <sup>2</sup> Sound Insulation Note: Impact sound Resistant	(2 x 64mm studs plus 72mm air gap)       239       47 (39)       57 (46)       61 (50)       Construction         SSW332       • 2 layers of 13mm fireshield • Steel stud framing at maximum 600mm centres • Minimum 20mm air gap • Steel stud framing at maximum 600mm centres • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Fire Resistance Level • /120/120 and 90/90/90 rated from both sides • 2 layers of 13mm fireshield fireshield can be substituted with multishield or trurock       Report FC13921         Cavity Size (mm)       Width (mm)       Sound Insulation Rw (Rw + Ctr)       Day Design 4738-L12 VIES25-1 Note: Impact Sound Resistant • Discontinuous		plus 20mm air gap		+0 (55)		5 (+5)		(30)	sound Resistant		
<ul> <li>Stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I ayers of 13mm fireshield</li> <li></li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size Width (mm) Rw (Rw + Ctr)</li> <li>No Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Afas (2 x 64mm studs 200 53 (45)<sup>1</sup> 62 (50) 63 (53)<sup>2</sup></li> <li>Fire Resistance Level</li> <li>-/120/120 and 90/90/90 rated from both sides</li> <li>Report FC13921</li> </ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>Insulation 100 (State 100 (</li></ul>		(2 x 64mm studs		47 (39)	57	7 (46)	61	(50)			
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size (mm)</li> <li>Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>No</li> <li>Insulation</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Y Pink<sup>®</sup> Partition</li> <li>Y Pintisia</li> <li>Y Pintisia</li> </ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size (mm)</li> <li>Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Y Pink<sup>®</sup> Partition 75mm 11 kg/m<sup>3</sup> R1.8</li> <li>(2 x 64mm studs 200 53 (45)<sup>3</sup> 62 (50)</li> <li>63 (53)<sup>2</sup></li> </ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Stee</li></ul>											
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size Width (mm)</li> <li>Report FC13921</li> <li>Cavity Size (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Pink<sup>®</sup> Partition 75mm 11 kg/m<sup>3</sup> R1.8</li> <li>VATE Partition 4786-L12</li> <li>VATE Partition 4786-L12</li> <li>VATE Partition 4786-L12</li> <li>VATE Partition 4738-L12</li> <li>VATE Partition 4738-L12</li></ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>fireshield can be substituted with multishield or trurock</li> <li>Cavity Size (mm)</li> <li>Kitter (mm)</li> <li>Sound Insulation (mm)</li> <li>Report FC13921</li> <li>Cavity Size (mm)</li> <li>Report FC13921</li> <li>Sound Insulation (mm)</li> <li>Rev (Rw + Ctr)</li> <li>Sound Insulation 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Pink<sup>®</sup> Partition 75mm 11 kg/m<sup>3</sup> R1.8</li> <li>(2 x 64mm studs 200 53 (45)<sup>1</sup> 62 (50)</li> <li>63 (53)<sup>2</sup></li> <li>Sound Resistant sound Resistant</li> </ul>	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>2 layers of 13mm fireshield</li> <li>Fireshield can be substituted with multishield or trurock</li> <li>Cavity Size Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>Report FC13921</li> <li>Day Design 4738-L12</li> <li>ATF1534</li> <li>ATS154</li> <li>ATS154</li> <li>ATS154</li> <li>ATS154</li> <li>Cavity Size (200)</li> <li>Cavity at the study of the stud</li></ul>	SSW332	<ul> <li>2 layers of 13</li> </ul>	mm <b>fire</b> shi	eld							
<ul> <li>2 layers of 13mm fireshield</li> <li>2 layers of 13mm fireshield</li> <li>6 ireshield can be substituted with multishield or trurock</li> <li>7 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 ireshield can be substituted with multishield or trurock</li> <li>1 iresh</li></ul>	<ul> <li>2 layers of 13mm fireshield</li> <li>2 layers of 13mm fireshield with multishield or trurock</li> <li>Report FC13921</li> <li>Cavity Size Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>148 (2 x 64mm studs 200 53 (45)<sup>1</sup></li> <li>62 (50)</li> <li>63 (53)<sup>2</sup></li> <li>Note: Impact sound Resistant sound Resistant</li> </ul>	<ul> <li>2 layers of 13mm fireshield</li> <li>2 layers of 13mm fireshield</li> <li>ireshield can be substituted with multishield or trurock</li> <li>Cavity Size Width (mm)</li> <li>Report FC13921</li> <li>Cavity Size Width (mm)</li> <li>Rw (Rw + Ctr)</li> <li>148</li> <li>(2 x 64mm studs 200 53 (45)<sup>1</sup></li> <li>62 (50)</li> <li>63 (53)<sup>2</sup></li> <li>Cavity Size (200)</li> <li>Cavit</li></ul>	SSW332	<ul> <li>Steel stud fra</li> </ul>	iming at ma		)mm ce	entres		Fire Resist	tance Level		
Report       Fireshield can be substituted with multishield or trurock       Fireshield can be substituted with multishield or trurock     FC13921       Cavity Size (mm)     Width (mm)     Sound Insulation Rw (Rw + Ctr)     Day Design 75mm 11 kg/m³ R1.2       148     148     148     148	Report Fireshield can be substituted with multishield or trurock       Report FC13921       Gavity Size (mm)     Width (mm)     Sound Insulation Rw (Rw + Ctr)       148 (2 x 64mm studs plus 20mm air gap)     200     53 (45) <sup>1</sup> 62 (50)     63 (53) <sup>2</sup>	Report       Fireshield can be substituted with multishield or trurock       Fireshield can be substituted with multishield or trurock       Cavity Size       Width     Sound Insulation       Rw (Rw + Ctr)     Day Design       148     200     53 (45) <sup>1</sup> 62 (50)     63 (53) <sup>2</sup> 1200     200     53 (45) <sup>1</sup> 62 (50)     63 (53) <sup>2</sup> 1200     200     55 (46)     63 (53) <sup>2</sup> Not employ the sistant - Discontinuous	SSW332	<ul><li>Steel stud fra</li><li>Minimum 20r</li></ul>	iming at ma nm air gap	iximum 600							
Cavity Size (mm)       Width (mm)       Sound Insulation Rw (Rw + Ctr)       Day Design 75mm 11 kg/m³ R1.2         148       148       148       148	Cavity Size (mm)       Width (mm)       Sound Insulation Rw (Rw + Ctr)         No       Pink® Partition 1sulation       2 x Pink® Partition 75mm 11 kg/m³ R1.2       Day Design 4738-112         148       200       53 (45)1       62 (50)       63 (53)2       Note Impact Sound Resistant	$\frac{148}{(2 \times 64 \text{ mm studs} 200} = 252 = 55 (46) = 53 (45)^{1} = 52 (46) = 53 (45)^{2} = 54 (55) = 54 (5$	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> </ul>	iming at ma mm air gap iming at ma	oximum 600 oximum 600			-/'	120/120 ar	nd <b>90/90/90</b>		
(mm)     (mm)     Rw (Rw + Ctr)       No     No     Pink® Partition     2 x Pink® Partition       148     Some 11kg/m3 R1.2     75mm 11kg/m3 R1.8	(mm)         (mm)         Rw (Rw + Ctr)           Image: No insulation         No insulation         Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2         2 x Pink <sup>®</sup> Partition 75mm 11 kg/m <sup>3</sup> R1.8         Day Design 4738-L12           148 (2 x 64mm studs plus 20mm air gap)         200         53 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> Note: Impact sound Resistant	(mm) (mm) (mm) Rw (Rw + Ctr) $(mm) (mm) Rw (Rw + Ctr)$ $(mm) (mm) (mm) (mm) (mm) (mm) (mm) (mm)$	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> </ul>	nming at ma mm air gap nming at ma mm <b>fire</b> shi	oximum 600 oximum 600 eld	)mm ce	entres	-/'	1 <b>20/120</b> ar rated from Rej	nd <b>90/90/90</b> 1 both sides port		
insulation         50mm 11kg/m³ R1.2         75mm 11 kg/m³ R1.8         4738-L12           148	insulation         50mm 11kg/m³ R1.2         75mm 11 kg/m³ R1.8         4738-112           148         (2 x 64mm studs plus 20mm air gap)         53 (45)1         62 (50)         63 (53)2         Vate Impact sound Resistant	insulation         50mm 11kg/m³ R1.2         75mm 11 kg/m³ R1.8         4738-112           148         (2 x 64mm studs plus 20mm air gap)         200         53 (45)1         62 (50)         63 (53)2         'ATF1534           200         200         55 (45)1         62 (50)         63 (53)2         Note: Impact sound Resistant - Discontinuous	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> </ul>	iming at ma mm air gap iming at ma mm <b>fire</b> shi e substitute	uximum 600 uximum 600 eld d with <b>multi</b> s	)mm ce shield o	entres	-/'	1 <b>20/120</b> ar rated from Rej	nd <b>90/90/90</b> 1 both sides port		
148 ATT 525 1	148         200         53 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> <sup>1</sup> ATF1534           2L22         2L22         2L22         1         Note: Impact sound Resistant	148         200         53 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> 'ATF1534           (2 x 64mm studs plus 20mm air gap)         200         53 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> Note: Impact sound Resistant           (2 x 64mm studs         200         55 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> Note: Impact sound Resistant           (2 x 64mm studs         252         55 (46)         63 (53)         64 (55)	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute <b>Width</b>	uximum 600 uximum 600 eld d with <b>multi</b> s <b>Sound Insu</b>	)mm ce shield o lation	entres	-/'	1 <b>20/120</b> ar rated from Rej	nd <b>90/90/90</b> 1 both sides port		
	(2 x 64mm studs plus 20mm air gap)         200         53 (45) <sup>1</sup> 62 (50)         63 (53) <sup>2</sup> C1L325-1 Note: Impact sound Resistant	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute <b>Width</b>	aximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No	)mm ce shield o lation str) Pink <sup>®</sup>	entres or <b>tru</b> rock Partition	- <i>/</i> ' 2 x Pink <sup>(</sup>	120/120 ar rated from Rej FC1: Partition	nd <b>90/90/90</b> both sides port 3921 Day Design		
(2 x 64mm studs 200 53 (45)' 62 (50) 63 (53) <sup>2</sup> Note: Impact			SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size</li> <li>(mm)</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute <b>Width</b>	aximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No	)mm ce shield o lation str) Pink <sup>®</sup>	entres or <b>tru</b> rock Partition	- <i>/</i> ' 2 x Pink <sup>(</sup>	120/120 ar rated from Rej FC1: Partition	Day Design 4738-L12		
200 - Discontinuous	200 (2 x 64mm studs 252 55 (46) 63 ( <b>52</b> ) 64 ( <b>55</b> ) - Discontinuous Construction		SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200	aximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No insulation	)mm ce shield o lation :tr) Pink <sup>®</sup> 50mm 1	Partition 11kg/m <sup>3</sup> R1.2	<b>-</b> /' <b>2 x</b> Pink <sup>®</sup> 75mm 11	120/120 ar rated from Rep FC1: <sup>9</sup> Partition kg/m <sup>3</sup> R1.8	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact		
	pius /2mm air gap)	• 1 Javor of 13mm firstchield + 13mm mastachield	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252	ximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No insulation 53 (45) <sup>1</sup>	)mm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> )	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	Partition kg/m <sup>3</sup> R1.8 ( <b>53</b> ) <sup>2</sup>	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous		
• 1 layer of 13mm fireshield + 13mm mastashield				<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252	aximum 600         aximum 600         ald         d with multist         Sound Insu         Rw (Rw + C         No         insulation         53 (45) <sup>1</sup> 55 (46)	omm ce shield o lation ttr) Pink <sup>®</sup> 50mm 1 62	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> )	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	Partition kg/m <sup>3</sup> R1.8 ( <b>53</b> ) <sup>2</sup>	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous		
Steel stud framing at maximum 600mm centres     Fire Resistance Level	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       Fire Resistance Level	Steel stud framing at maximum 600mm centres     Fire Resistance Level		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 m fireshie ming at ma	ximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm <b>m</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	120/120 ar rated from Rep FC1: <sup>9</sup> Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55)	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
Steel stud framing at maximum 600mm centres     Fire Resistance Level     Minimum 20mm air gap	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap	Steel stud framing at maximum 600mm centres     Fire Resistance Level     Minimum 20mm air gap		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252 m <b>fire</b> shie ming at ma mm air gap	aximum 600         aximum 600         ad with multist         Sound Insu         Rw (Rw + C         No         insulation         53 (45)1         55 (46)         d + 13mm m         aximum 600	omm ce shield o lation ttr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres	-/* 2 x Pink <sup>0</sup> 75mm 11 63 64	120/120 ar rated from Rep FC1: <sup>®</sup> Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
Steel stud framing at maximum 600mm centres     Minimum 20mm air gap     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres     -/90/90 and 60/60/60	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       -/90/90 and 60/60/60	Steel stud framing at maximum 600mm centres     Minimum 20mm air gap     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252 252 mm <b>fire</b> shie ming at ma mm air gap	ximum 600         ximum 600         eld         d with multis         Sound Insu         Rw (Rw + C         No         insulation         53 (45) <sup>1</sup> 55 (46)         d + 13mm m         inximum 600         inximum 600	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 ar rated from Rep FC1: <sup>®</sup> Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres         • 1 layer of 13mm fireshield + 13mm mastashield         Fire Resistance Level         -/90/90 and 60/60/60         rated from both sides         fireshield can be substituted with multishield or trurock	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap)</li> <li>200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 mm fireshie ming at ma mm air gap ming at ma mm gap	aximum 600 aximum 600 ald d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm <b>m</b> aximum 600 d + 13mm <b>m</b> d with <b>multis</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres hield or <b>tru</b> rock	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 arr rated from Rep FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from Re	Day Design 4738-L12 3921 Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level d 60/60/60 h both sides		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size Width Sound Insulation</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       Fire Resistance Level         • I layer of 13mm fireshield + 13mm mastashield       -/90/90 and 60/60/60         • I layer of 13mm fireshield + 13mm mastashield       Report         fireshield can be substituted with multishield or trurock       Report         FC13921       Cavity Size         Width       Sound Insulation	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size Width Sound Insulation</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be</li> </ul>	ming at ma mm air gap ming at ma mm fireshi substitute Width (mm) 200 252 252 252 m fireshie aming at ma mm air gap ming at ma mm air gap ming at ma m fireshie substitute be substitute	iximum 600 iximum 600 eld d with <b>multis</b> <b>Sound Insu Rw (Rw + C</b> No insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm <b>m</b> iximum 600 d + 13mm <b>m</b> d with <b>multis</b> ted with <b>multis</b> ted with <b>multis</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres hield or <b>tru</b> rock	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 arr rated from Rep FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from Re	Day Design 4738-L12 3921 Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level d 60/60/60 h both sides		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size (mm)</li> <li>Width (mm)</li> <li>Sound Insulation (mm)</li> <li>Rw (Rw + Ctr)</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       -/90/90 and 60/60/60         • I layer of 13mm fireshield + 13mm mastashield       Report         fireshield can be substituted with multishield or trurock       Report         Cavity Size       Width       Sound Insulation         (mm)       Width       Rw (Rw + Ctr)	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size (mm)</li> <li>Width Sound Insulation (mm)</li> <li>Rev (Rw + Ctr)</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 252 252 252 252 252 252	ximum 600 ximum 600 d with <b>multis</b> <b>Sound Insu Rw (Rw + C</b> 153 (45) <sup>1</sup> 55 (46) d + 13mm m ximum 600 d + 13mm m d with <b>multis</b> ted with <b>multis</b> ted with <b>multis</b>	omm ce shield o lation ttr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres entres hield or <b>tru</b> rock Id	-/* 2 x Pink* 75mm 11 63 64	120/120 ar rated from Rei FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from Rei FC1	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       • Fire Resistance Level         • I layer of 13mm fireshield + 13mm mastashield       • All the substituted with multishield or trurock         • The substituted with multishield or trurock       • Report         • Cavity Size       Width       Sound Insulation         (mm)       No       Pink® Partition       Pink® Partition       Pink® Partition	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> <li>Pink<sup>®</sup> Partition</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 252 mm fireshie ming at ma mm air gap ming at ma mm fireshie be substitute be substitute be substitute vidth Soun mm) Rw (F	iximum 600 iximum 600 iximum 600 id d with multis Sound Insu Rw (Rw + C No insulation 53 (45) <sup>1</sup> 55 (46) isimum 600 d + 13mm m iximum 600 iximum 600	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) nield entres nield or <b>tru</b> rock Id	2 x Pink <sup>4</sup> 75mm 11 63 64 	120/120 ar rated from Rei FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from Rei FC1 nk <sup>®</sup> Partiti	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Hayer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield</li> <li>Gavity Size</li> <li>Width (mm)</li> <li>Sound Insulation</li> <li>Report FC13921</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield       • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Hayer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • I layer of 13mm fireshield + 13mm mastashield       Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • I layer of 13mm fireshield + 13mm mastashield       Fire Resistance Level         • I layer of 13mm fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield       Report FC13921         Cavity Size       Width (mm)       Sound Insulation Rw (Rw + Ctr)       Reports         • 148       No       Pink® Partition 50mm 11kg/m³ R1.2       Pink® Partition 75mm 11 kg/m³ R1.8       Reports Day Design 3094-48	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Pink<sup>®</sup> Partition</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap)</li> <li>200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be</li> <li>mastashield can be</li> <li>mastashield can</li> <li>Cavity Size (mm)</li> <li>148</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 mm fireshie ming at ma mm air gap ming at ma mm fireshie be substitute be substitute be substitute vidth Soun mm) Rw (F	iximum 600 iximum 600 iximum 600 iximum 600 iximum 600 insulation 53 (45) <sup>1</sup> 55 (46) iximum 600 iximum 60	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) 5 mield entres 5 mield 2 x Pink <sup>®</sup> Par 50mm 11kg/m	2 x Pink <sup>0</sup> 75mm 11 63 64 tition Pi <sup>3</sup> R1.2 75	120/120 arr rated from Rei FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 and rated from Rei FC1 nk <sup>®</sup> Partiti mm 11 kg/m <sup>3</sup> R	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 1sulation</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.3</li> <li>Sound 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.3</li> <li>Sound 11kg/m<sup>3</sup> R1.4</li> <li>Sound 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.3</li> <li>Sound 11kg/m<sup>3</sup> R1.4</li> <li>Sound 11kg/m<sup>3</sup> R1.4</li> <li>Sound 11kg/m<sup>3</sup> R1.2</li> <li>Sound 11kg/m<sup>3</sup> R1.3</li> <li>Sound 11kg/m<sup>3</sup> R1.4</li> <l< td=""><td>SSW380       • 1 layer of 13mm fireshield + 13mm mastashield       • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       fireshield can be substituted with multishield or trurock       Report FC13921         • Cavity Size       Width       Sound Insulation       Rw (Rw + Ctr)       Reports         • 148       (2 x 64mm studs 20m at gap)       200       51 (42)       61 (48)       64 (51)       62 (50)       Reports         • 000000000000000000000000000000000000</td><td><ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.8</li> <li>Sound 11kg/m<sup>3</sup> R1.2</li> </ul></td><td></td><td><ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs</li> </ul></td><td>ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 mm fireshie ming at ma mm air gap ming at ma mm fireshie be substitute be substitute be substitute vidth Soun mm) Rw (F</td><td>iximum 600 iximum 600 iximum 600 iximum 600 iximum 600 insulation 53 (45)<sup>1</sup> 55 (46) iximum 600 iximum 60</td><td>omm ce shield o lation str) Pink<sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63</td><td>Partition 11kg/m<sup>3</sup> R1.2 2 (<b>50</b>) 3 (<b>52</b>) 5 mield entres 5 mield 2 x Pink<sup>®</sup> Par 50mm 11kg/m</td><td>2 x Pink<sup>0</sup> 75mm 11 63 64 tition Pi <sup>3</sup> R1.2 75</td><td>120/120 arr rated from Rei FC1: Partition kg/m<sup>3</sup> R1.8 (53)<sup>2</sup> (55) Fire Resist /90/90 and rated from Rei FC1 nk<sup>®</sup> Partiti mm 11 kg/m<sup>3</sup> R</td><td>Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921 on Reports Day Design 3094-48 Note: Impact sound</td></l<></ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield       • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       fireshield can be substituted with multishield or trurock       Report FC13921         • Cavity Size       Width       Sound Insulation       Rw (Rw + Ctr)       Reports         • 148       (2 x 64mm studs 20m at gap)       200       51 (42)       61 (48)       64 (51)       62 (50)       Reports         • 000000000000000000000000000000000000	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> <li>Somm 11kg/m<sup>3</sup> R1.8</li> <li>Sound 11kg/m<sup>3</sup> R1.2</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 mm fireshie ming at ma mm air gap ming at ma mm fireshie be substitute be substitute be substitute vidth Soun mm) Rw (F	iximum 600 iximum 600 iximum 600 iximum 600 iximum 600 insulation 53 (45) <sup>1</sup> 55 (46) iximum 600 iximum 60	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) 5 mield entres 5 mield 2 x Pink <sup>®</sup> Par 50mm 11kg/m	2 x Pink <sup>0</sup> 75mm 11 63 64 tition Pi <sup>3</sup> R1.2 75	120/120 arr rated from Rei FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 and rated from Rei FC1 nk <sup>®</sup> Partiti mm 11 kg/m <sup>3</sup> R	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921 on Reports Day Design 3094-48 Note: Impact sound		
	pius /∠mm air gap)	• 1 Javor of 13mm firechield + 13mm machachield	SSW332	<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252	ximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> No insulation 53 (45) <sup>1</sup>	)mm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> )	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	Partition kg/m <sup>3</sup> R1.8 ( <b>53</b> ) <sup>2</sup>	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous		
	SSW380 • 1 layer of 13mm fireshield + 13mm mastashield			<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap</li> <li>1 layer of 13m</li> </ul>	ming at ma mm air gap ming at ma mm fireshi substitute Width (mm) 200 252 mm fireshie	ximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm <b>m</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	Partition kg/m <sup>3</sup> R1.8 ( <b>53</b> ) <sup>2</sup>	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous		
Steel stud framing at maximum 600mm centres     Fire Resistance Level	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       Fire Resistance Level	Steel stud framing at maximum 600mm centres     Fire Resistance Level		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 m fireshie ming at ma	ximum 600 eld d with <b>multis</b> <b>Sound Insu</b> <b>Rw (Rw + C</b> insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm <b>m</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield	-/* <b>2 x</b> Pink <sup>®</sup> 75mm 11 63	120/120 ar rated from Rep FC1: <sup>9</sup> Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55)	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
Steel stud framing at maximum 600mm centres     Minimum 20mm air gap     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres     -/90/90 and 60/60/60	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       -/90/90 and 60/60/60	Steel stud framing at maximum 600mm centres     Minimum 20mm air gap     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres     Steel stud framing at maximum 600mm centres		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252 252 mm <b>fire</b> shie ming at ma mm air gap	ximum 600         ximum 600         eld         d with multis         Sound Insu         Rw (Rw + C         No         insulation         53 (45) <sup>1</sup> 55 (46)         d + 13mm m         inximum 600         inximum 600	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 ar rated from Rep FC1: <sup>®</sup> Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield       • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level         • 1 layer of 13mm fireshield + 13mm mastashield       • Fire Resistance Level	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> </ul>	ming at ma mm air gap ming at ma mm <b>fire</b> shi e substitute Width (mm) 200 252 252 m <b>fire</b> shie ming at ma mm air gap ming at ma	aximum 600         aximum 600         ald         d with multist         Sound Insu         Rw (Rw + C         No         insulation         53 (45) <sup>1</sup> 55 (46)         d + 13mm m         aximum 600         aximum 600         aximum 600         aximum 600	omm ce shield o lation ttr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) nield entres nield	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 ar rated from Rep FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction		
<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> </ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Minimum 20mm air gap         • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         fireshield can be substituted with multishield or trurock mastashield       Report FC13921	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum 600mm centres</li> <li>I layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 m fireshie ming at ma mm air gap ming at ma m fireshie e substitute be substitute	ximum 600 ximum 600 d with <b>multis</b> <b>Sound Insu Rw (Rw + C</b> No insulation 53 (45) <sup>1</sup> 55 (46) d + 13mm m ximum 600 d + 13mm m ximum 600 d with <b>multis</b> ted with <b>multis</b>	omm ce shield o lation tr) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) hield entres hield or <b>tru</b> rock	-/* 2 x Pink <sup>4</sup> 75mm 11 63 64	120/120 arr rated from Rep FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 an rated from Re	Day Design 4738-L12 3921 Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level d 60/60/60 h both sides		
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<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Steel stud framing at maximum formation</li> <li>Sound Insulation</li> <li>Steel stud framing at maximum formation</li> <li>Steel stud</li></ul>	SSW380       • 1 layer of 13mm fireshield + 13mm mastashield       • Steel stud framing at maximum 600mm centres         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Fire Resistance Level         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Jayer of 13mm fireshield + 13mm mastashield         • I layer of 13mm fireshield + 13mm mastashield       Fire Resistance Level       -/90/90 and 60/60/60         • I layer of 13mm fireshield + 13mm mastashield       Fireshield can be substituted with multishield or trurock       Report         • Minimum 20mm air gap       • Steel stud framing at maximum 600mm centres       • Report       Report         • Output       • Minimum 20mm fireshield + 13mm mastashield       • Report       Report         • Minimum 20mm fireshield can be substituted with multishield or trurock       • Report       Report         • Minimum 20mm fireshield can be substituted with multishield or trurock       • Report       • Report         • Minimum 20mm minimum       • Sound Insulation       • Minimum 20mm minimum       • Minimum 20mm minimum         • Minimum 20mm minimum       • Minimum 20mm minimum       • Minimum 20mm minimum       • Minimum 20mm minimum       • Minimum 20mm minimum         • Minimum 20mm minimum       • Minimum 20mm minimum       • Minimum 20mm minimum       • Minimum       • Minimum       • Minimum	<ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width (mm)</li> <li>No</li> <li>Pink® Partition</li> <li>Somm 11kg/m<sup>3</sup> R1.2</li> </ul>		<ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap 200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be</li> <li>Cavity Size (mm)</li> <li>(mm)</li> </ul>	ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 mm fireshie ming at ma mm air gap ming at ma mm fireshie be substitute be substitute be substitute vidth Soun mm) Rw (F	iximum 600 iximum 600 iximum 600 iximum 600 iximum 600 insulation 53 (45) <sup>1</sup> 55 (46) iximum 600 iximum 60	omm ce shield o lation str) Pink <sup>®</sup> 50mm 1 62 63 63 63 63 63 63 63 63 63 63 63 63 63	Partition 11kg/m <sup>3</sup> R1.2 2 ( <b>50</b> ) 3 ( <b>52</b> ) 5 mield entres 5 mield 2 x Pink <sup>®</sup> Par 50mm 11kg/m	2 x Pink <sup>0</sup> 75mm 11 63 64 tition Pi <sup>3</sup> R1.2 75	120/120 arr rated from Rei FC1: Partition kg/m <sup>3</sup> R1.8 (53) <sup>2</sup> (55) Fire Resist /90/90 and rated from Rei FC1 nk <sup>®</sup> Partiti mm 11 kg/m <sup>3</sup> R	Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921		
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200</li> </ul></td><td></td><td><ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap 200 (2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200</li> </ul></td><td>ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 252 252 252 252 252 252</td><td>eximum 600 eximum 600 eld d with multis Sound Insu Rw (Rw + C insulation <math>53 (45)^1</math> 55 (46) d + 13mm m eximum 600 d + 13mm m eximum 600 d + 13mm m exi</td><td>omm ce shield o lation tr) Pink<sup>°</sup> 50mm 1 62 63 astash omm ce nastash omm ce nastash shield o tershie</td><td>Partition 11kg/m<sup>3</sup> R1.2 2 (50) 3 (52) aield entres aield or <b>tru</b>rock Id 2 × Pink<sup>®</sup> Par 50mm 11kg/m 64 (51)</td><td>2 × Pink<sup>4</sup> 75mm 11 63 64 </td><td>120/120 ar rated from Rep FC1: Partition kg/m<sup>3</sup> R1.8 (53)<sup>2</sup> (55) Fire Resist /90/90 an rated from Re FC1 nk<sup>®</sup> Partitim m 11 kg/m<sup>3</sup> R 62 (50)</td><td>Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921</td></td>	<td><ul> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>Minimum 20mm air gap</li> <li>Steel stud framing at maximum 600mm centres</li> <li>1 layer of 13mm fireshield + 13mm mastashield</li> <li>fireshield can be substituted with multishield or trurock mastashield can be substituted with watershield</li> <li>Cavity Size</li> <li>Width Minimum Sound Insulation Rw (Rw + Ctr)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Pink<sup>®</sup> Partition 75mm 11 kg/m<sup>3</sup> R1.8</li> <li>(2 x 64mm studs 200 51 (42) 61 (48) 64 (51) 62 (50)</li> <li>Report sound Resistant - 200</li> </ul></td> <td></td> <td><ul> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>2 layers of 13</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap 200 (2 x 64mm studs plus 72mm air gap)</li> <li>1 layer of 13m</li> <li>Steel stud fra</li> <li>Minimum 20r</li> <li>Steel stud fra</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>1 layer of 13m</li> <li>fireshield can be mastashield can</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200</li> </ul></td> <td>ming at ma mm air gap ming at ma mm fireshi e substitute Width (mm) 200 252 252 252 252 252 252 252 252 252</td> <td>eximum 600 eximum 600 eld d with multis Sound Insu Rw (Rw + C insulation <math>53 (45)^1</math> 55 (46) d + 13mm m eximum 600 d + 13mm m eximum 600 d + 13mm m exi</td> <td>omm ce shield o lation tr) Pink<sup>°</sup> 50mm 1 62 63 astash omm ce nastash omm ce nastash shield o tershie</td> <td>Partition 11kg/m<sup>3</sup> R1.2 2 (50) 3 (52) aield entres aield or <b>tru</b>rock Id 2 × Pink<sup>®</sup> Par 50mm 11kg/m 64 (51)</td> <td>2 × Pink<sup>4</sup> 75mm 11 63 64 </td> <td>120/120 ar rated from Rep FC1: Partition kg/m<sup>3</sup> R1.8 (53)<sup>2</sup> (55) Fire Resist /90/90 an rated from Re FC1 nk<sup>®</sup> Partitim m 11 kg/m<sup>3</sup> R 62 (50)</td> <td>Day Design 4738-L12 'ATF1534 2TL525-1 Note: Impact sound Resistant - 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Discontinuous Construction tance Level ad 60/60/60 h both sides port 3921



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SSW531	<ul> <li>2 layers of 1</li> <li>Charleshold for</li> </ul>							
	Steel stud fr		-	kimum 600m	im centres		Fire Resista	ance Level
	Minimum 20						-/90/90 and	
	Steel stud fr		-				rated from	both sides
	• 1 layer of 13						Rep	
	fireshield can b					k	FC13	921
	Cavity Size (mm)	Wic (mr		Sound Insulal Rw (Rw + Ctr				
		(111	11)		, Pink <sup>®</sup> P	artition		
				No insulation	50mm 11		:	Report
	148		407	50 (4.4)	67.			ay Design 3094-33
	(2 x 64mm stud plus 20mm air ga		193	52 (44)	63 (	(50)		Impact sound
	200 (2 x 64mm stud	c	245	54 (45)	64	(52)		t - Discontinuous nstruction
	plus 72mm air ga		240	) + (+)	04	()2)		
SSW532	• 1 layer of 13	mm fi	<b>re</b> shield	+ 6mm Villa	board™			
3317352	Steel stud fr						Fire Resista	ance Level
	• Minimum 20	)mm a	air gap				-/90/90 and	30/30/30
	• Steel stud fr	amin	g at max	kimum 600m	im centres		rated from	
	• 1 layer of 13	mm <mark>f</mark> i	<b>re</b> shield	l + 6mm Villa	board™		Rep	ort
	fireshield can t	be sub	stituted	with <b>multi</b> sh	ield or <b>tru</b> roc	k	FC13	
	Cavity Size	Wic		Sound Insula				
	(mm)	(mr	n)	Rw (Rw + Ctr	1			Decise
				No insulatior	1 50mm 11	artition (0/m³ R1.2		ay Design 3094-33
	148					-	Note: Impa	ct sound Resistant -
	(2 x 64mm stud plus 20mm air ga		186	52 (43)	62 (4	9) 🕅		uous Construction
	200 (2 x 64mm stud	c	238	54 (45)	63	(52)		Pink <sup>®</sup> Partition 11 kg/m <sup>3</sup> R1.8
	plus 72mm air ga		200	) + (+)				hieve 62 ( <b>50</b> )
SSW335	• 1 layer of 16	mm <mark>f</mark> i	i <b>re</b> shield	J			Fire Resista	
	<ul> <li>Steel stud fr</li> </ul>	amin	g at ma>	kimum 600m	im centres		<b>-/90/90</b> and ted from bot	60/60/60 h sides using
	Minimum 20	)mm a	air gap				Glasswool i	nsulation
	Steel stud fr		-		im centres		<b>-/60/60</b> and I from both si	60/60/60 des using either
	• 1 layer of 16	mm <mark>f</mark> i	i <b>re</b> shield	J				n or no insulation
	fireshield can t	pe sub	stituted	with <b>multi</b> sh	ield or <b>tru</b> roc	k	Report F	013921
	Cavity Size	Width (mm)		Insulation v + Ctr)				
	Cavity Size (mm)	Width (mm)	Rw (Rv	v + Ctr)	<b>2 x</b> Pink 75mm	2 x Pink 75m	m <b>2 x</b> Pink 110m	
	(mm)		Rw (Rv No insulatio	v + Ctr)           Pink 50mm           11 kg/m³ R1.2	<b>2 x</b> Pink 75mm 11 kg/m <sup>3</sup> R1.8	14 kg/m³ R1.	9 11 kg/m <sup>3</sup> R2.5	5 Day Design
			Rw (Rv	v + Ctr)           Pink 50mm           11 kg/m³ R1.2	<b>2 x</b> Pink 75mm 11 kg/m <sup>3</sup> R1.8 60 <b>(50)</b> <sup>4</sup>	<b>2 x</b> Pink 75m 14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup>	9 11 kg/m <sup>3</sup> R2.5	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1
	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172	(mm)	Rw (Rv No insulatio	v + Ctr)           Pink 50mm           11 kg/m³ R1.2	11 kg/m <sup>3</sup> R1.8	14 kg/m³ R1.	9 11 kg/m <sup>3</sup> R2.5	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4
	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm studs plus 44mm air gap) 200	(mm) 180 204	Rw (Rv           No           insulatio           44 (37	v + Ctr)           pink 50mm           11 kg/m <sup>5</sup> R1.2           7)         53 (42)	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> -	14 kg/m³ R1.	9 11 kg/m³ R2.5	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous
	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm air gap) plus 44mm air gap)	<b>(mm)</b> 180	Rw (Rv No insulatio	v + Ctr)           pink 50mm           11 kg/m <sup>5</sup> R1.2           7)         53 (42)	11 kg/m <sup>3</sup> R1.8	14 kg/m³ R1.	9 11 kg/m³ R2.5	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant
SSW336	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm studs plus 44mm air gap) 200 (2 x 64mm studs	(mm) 180 204 232	Rw (Rv           No           insulation           44 (37)           -           45 (38)	v + Ctr)           Pink 50mm           11 kg/m³ R1.2           7)         53 (42)           -           3)         54 (44)	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup>	14 kg/m³ R1.	9 11 kg/m³ R2.5	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous
<b>SSW336</b>	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm studs plus 44mm air gap) 200 (2 x 64mm studs plus 72mm air gap)	(mm) 180 204 232 mm fi	Rw (Rv           No           insulation           44 (37)           -           45 (38)	v + Ctr)           Pink 50mm           11 kg/m³ R1.2           7)         53 (42)           -           8)         54 (44)	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup>	14 kg/m³ R1.	9 11 kg/m³ R2.5	Day Design 3094-33, 'TL525-3 2TL574-1 3TL525-2 4TL685-4 Note: Impact sound Resistant - Discontinuous Construction
SSW336	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm studs plus 44mm air gap) 200 (2 x 64mm studs plus 72mm air gap) • 1 layer of 16	(mm) 180 204 232 mm fi	Rw (Rv No insulation 44 (37 - 45 (38 ireshield g at max	v + Ctr)           Pink 50mm           11 kg/m³ R1.2           7)         53 (42)           -           8)         54 (44)	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup>	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 - 60 ( <b>50</b> ) <sup>3</sup> -	Day Design 3094-33, 'TL525-3 2TL574-1 3TL525-2 4TL685-4 Note: Impact sound Resistant - Discontinuous Construction
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20	(mm) 180 204 232 mm fi ramin 0mm a	Rw (Rv No insulatio 44 (37 - 45 (38 - 45 (38 - ireshield g at may air gap g at may	v + Ctr) Pink 50mm 11 kg/m <sup>3</sup> R1.2 7) 53 (42) - 3) 54 (44) 54 (44) d or <b>multi</b> shie kimum 600m	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup> eld m centres	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction
SSW336	(mm) 148 (2 x 64mm studs plus 20mm air gap) 172 (2 x 64mm studs plus 44mm air gap) 200 (2 x 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20	(mm) 180 204 232 mm fi ramin 0mm a	Rw (Rv No insulatio 44 (37 - 45 (38 - 45 (38 - ireshield g at may air gap g at may	v + Ctr) Pink 50mm 11 kg/m <sup>3</sup> R1.2 7) 53 (42) - 3) 54 (44) 54 (44) d or <b>multi</b> shie kimum 600m	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup> eld m centres	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20	(mm) 180 204 232 mm fi caming 0mm a caming 6mm	Rw (Rv No insulation 44 (37 - 45 (38 ireshield g at may air gap g at may fireshield	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           -           3)         54 (44)           d or multishie           kimum 600m           kimum 600m           Id or multishie	11 kg/m <sup>3</sup> R1.8 60 ( <b>50</b> ) <sup>4</sup> - 61 ( <b>51</b> ) <sup>1</sup> eld m centres ield	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 60 (50) <sup>3</sup> - Fire Resista /120/120 an rated from	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 fireshield can the Cavity Size	(mm) 180 204 232 mm fi raming 0mm a raming 0mm a caming 0mm a wing 6mm	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at may air gap g at may fireshie ostituted Jth	v + Ctr) Pink 50mm 11 kg/m <sup>3</sup> R1.2 7) 53 (42) - 3) 54 (44) 54 (44) 4 or multishie kimum 600m kimum 600m Id or multish with multish Sound Insulat	11 kg/m³ R1.8         60 (50)4         -         61 (51)1         eld         m centres         ield or truroc         ield or truroc         cion	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep	Day Design 3094-33, <sup>17</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 fireshield can b	(mm) 180 204 232 mm fi raming 0mm a raming 6mm 6mm	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at may air gap g at may fireshie ostituted Jth	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           -           8)         54 (44)           d or multishie           kimum 600m           kimum 600m           kimum 600m           kimum 600m           Sound Insulal           Rw (Rw + Ctr)	11 kg/m³ R1.8         60 (50)4         -         61 (51)1         eld         m centres         ield         ield or truroc         ield or truroc	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - -	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep FC13	Day Design 3094-33, <sup>17</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 fireshield can the Cavity Size	(mm) 180 204 232 mm fi raming 0mm a raming 0mm a caming 0mm a wing 6mm	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at may air gap g at may fireshie ostituted Jth	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           8)         54 (44)           53         54 (44)           54         60 multishie           kimum 600m         60 multishie           kimum 600m         60 multishie           Sound Insulal         Rw (Rw + Ctr)           No         10 multishie	11 kg/m³ R1.8         60 (50) <sup>4</sup> -         61 (51) <sup>1</sup> eld         m centres         ield         ield or truroc         ield         pink <sup>®</sup> Partitio	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - - k k	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep FC13	Day Design 3094-33, <sup>1</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort 921 Report
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 fireshield can the Cavity Size	(mm) 180 204 232 mm fi raming 0mm a raming 0mm a caming 0mm a wing 6mm	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at may air gap g at may fireshie ostituted Jth	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           8)         54 (44)           53         54 (44)           54         60 multishie           kimum 600m         60 multishie           kimum 600m         60 multishie           Sound Insulal         Rw (Rw + Ctr)           No         10 multishie	11 kg/m³ R1.8         60 (50)4         -         61 (51)1         eld         m centres         ield         ield or truroc         ield or truroc	14 kg/m <sup>3</sup> R1. 60 ( <b>50</b> ) <sup>2</sup> - - k k	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep FC13	Day Design 3094-33, 'TL525-3 2TL574-1 3TL525-2 4TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort 921
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 fireshield can the Cavity Size (mm) 148 (2 × 64mm stude)	(mm) 180 204 232 mm fi raming 6mm be sub Wic (mr	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at may air gap g at may fireshie ostituted Jth	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           8)         54 (44)           53         54 (44)           54         60 multishie           kimum 600m         60 multishie           kimum 600m         60 multishie           Sound Insulal         Rw (Rw + Ctr)           No         10 multishie	11 kg/m³ R1.8         60 (50) <sup>4</sup> -         61 (51) <sup>1</sup> eld         m centres         ield         ield or truroc         ield         pink <sup>®</sup> Partitio	14 kg/m³ R1. 60 (50) <sup>2</sup> - - k k 2 × Pin 50mm	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep FC13	Day Design 3094-33, <sup>17</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort 921 Report Day Design 3094-33 Note: Impact
SSW336	(mm) 148 (2 × 64mm studs plus 20mm air gap) 172 (2 × 64mm studs plus 44mm air gap) 200 (2 × 64mm studs plus 72mm air gap) • 1 layer of 16 • Steel stud fr • Minimum 20 • Steel stud fr • 2 layers of 1 <b>fireshield</b> can the <b>Cavity Size</b> (mm) 148	(mm) 180 204 232 mm fi caming 0mm a caming 0mm a 0mm a	Rw (Rv No insulatio 44 (37 - 45 (38 ireshield g at max air gap g at max fireshie stituted th n)	v + Ctr)           Pink 50mm 11 kg/m³ R1.2           7)         53 (42)           8)         54 (44)           53         54 (44)           54         60 multishiet           kimum 600m         60 multishiet           kimum 600m         60 multishiet           Sound Insulal         80 kg	11 kg/m³ R1.8         60 (50) <sup>4</sup> -         61 (51) <sup>1</sup> eld         m centres         ield or truroc         ield or truroc         ield or truroc         ion         Pink <sup>®</sup> Partitio         0mm 11kg/m³ R <sup>*</sup>	14 kg/m³ R1. 60 (50) <sup>2</sup> - - k k 2 × Pin 50mm	9 11 kg/m <sup>3</sup> R2.5 60 ( <b>50</b> ) <sup>3</sup> - Fire Resista /120/120 an rated from Rep FC13 k <sup>®</sup> Partition 11kg/m <sup>3</sup> R1.2	Day Design 3094-33, <sup>17</sup> TL525-3 <sup>2</sup> TL574-1 <sup>3</sup> TL525-2 <sup>4</sup> TL685-4 Note: Impact sound Resistant - Discontinuous Construction ance Level d 60/60/60 both sides ort 921 Report Day Design 3094-33

		and the second					
SSW337	<ul> <li>2 layers of 16</li> <li>Steel stud fra</li> </ul>			mm contros	F	ire Resis	tance Level
	<ul> <li>Minimum 20n</li> </ul>			min centres			
	Steel stud fra	• •	ximum 600	mm centres			d <b>120/120/120</b> n both sides
	<ul> <li>2 layers of 16r</li> </ul>	-					
	fireshield can be			hield or <b>tru</b> rock			eport 13921
	Cavity Size (mm)	Width (mm)	Sound Insu Rw (Rw + C				
			No insulation	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	<b>2 x</b> Pink <sup>®</sup> 50mm 11k		Report Day Design
	148 (2 x 64mm studs plus 20mm air gap)	196	56 (47)	65 ( <b>53</b> )	65 (	55)	4738-L4 Note: Impact sound Resistant
	200 (2 x 64mm studs plus 72mm air gap)	248	58 (49)	66 ( <b>56</b> )	67 (	57)	- Discontinuous Construction
SSW339	• 3 layers of 16	mm <b>fire</b> shie	ld				
	<ul> <li>Steel stud fra</li> </ul>	-	ximum 600	mm centres	F	ire Resis	tance Level
	• Minimum 20n	0 1			-		d 120/120/120
	Steel stud fra	-		mm centres	r:	ated from	n both sides
	• 3 layers of 16						port 3021
	fireshield can be		1			FC1	3921
	Cavity Size (mm)	Width (mm)	Sound Insu Rw (Rw + C				
			No insulation	Pink <sup>®</sup> Par			Report
	148		Insulation	ים 50mm 11kg/	m <sup>3</sup> R1.2		Day Design
	(2 x 64mm studs plus 20mm air gap)	244	62 <b>(53)</b>	72 ( <b>6</b> *	)	Note	3094-33 :: Impact sound
	200 (2 x 64mm studs	296	64 ( <b>55</b> )	73 (63	5)	Resista	nt - Discontinuous onstruction
	plus 72mm air gap)						
	• 4 layors of 16			I			
SSW581	<ul> <li>4 layers of 16</li> <li>Steel stud fra</li> </ul>	mm <b>fire</b> shie		mm centres	F	ire Resis	tance Level
SSW581	<ul> <li>4 layers of 16</li> <li>Steel stud fra</li> <li>Minimum 20n</li> </ul>	mm <b>fire</b> shie ming at ma		mm centres			
SSW581	• Steel stud fra	mm <b>fire</b> shie ming at ma nm air gap	ximum 600		-/240	0 <b>/240</b> an	tance Level d 180/180/180 n both sides
SSW581	<ul><li>Steel stud fra</li><li>Minimum 20n</li></ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma	ximum 600 ximum 600		-/240	0/240 an ated from	d <b>180/180/180</b> n both sides
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> </ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma mm <b>fire</b> shie	ximum 600 ximum 600 eld	mm centres	-/240	<b>)/240</b> an ated from Re	d 180/180/180
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> </ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma mm <b>fire</b> shie	ximum 600 ximum 600 eld	mm centres shield or <b>tru</b> rock lation	-/240	<b>)/240</b> an ated from Re	d <b>180/180/180</b> 1 both sides port
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 160</li> <li>fireshield can be</li> <li>Cavity Size</li> </ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma mm <b>fire</b> shie substitutec Width	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No	mm centres hield or trurock ation tr) Pink <sup>®</sup> Par	-/240 ra	<b>)/240</b> an ated from Re	d <b>180/180/180</b> h both sides port 3921
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma mm <b>fire</b> shie substitutec Width	ximum 600 ximum 600 eld d with <b>multis</b> <b>Sound Insul</b> Rw (Rw + C	mm centres hield or <b>tru</b> rock ation tr) Pink <sup>®</sup> Par	-/240 ra	<b>)/240</b> an ated from Re	d <b>180/180/180</b> h both sides port 3921
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 160</li> <li>fireshield can be</li> <li>Cavity Size</li> </ul>	mm <b>fire</b> shie ming at ma nm air gap ming at ma mm <b>fire</b> shie substitutec Width (mm) 276	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No	mm centres hield or trurock ation tr) Pink <sup>®</sup> Par	-/240 ra	D/240 an ated from Re FC1	d <b>180/180/180</b> h both sides port 3921 Report INSUL v9 e: Impact sound
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328	ximum 600 ximum 600 eld d with <b>multis</b> <b>Sound Insul</b> <b>Rw (Rw + C</b> No insulation	shield or <b>tru</b> rock ation tr) Pink <sup>®</sup> Par 50mm 11kg/	-/240 ra :ition m <sup>3</sup> R1.2	0/240 an ated from Re FC1 Note Resistal	d <b>180/180/180</b> h both sides port 3921 Report INSUL v9
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap)</li> <li>200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328	ximum 600 ximum 600 eld s with <b>multis</b> <b>Sound Insul Rw (Rw + C</b> No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> )	hield or trurock hield or trurock ation tr) Pink <sup>®</sup> Par 50mm 11kg/ 79 (71 80 (73	-/240 rition m <sup>3</sup> R1.2 )	0/240 an ated from Re FC1 Note Resistal	d <b>180/180/180</b> h both sides port 3921 Report INSUL v9 e: Impact sound nt - Discontinuous
SSW581	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16n</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap) 200</li> <li>(2 x 64mm studs</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328	ximum 600 ximum 600 eld with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o	hield or trurock hield or trurock hield or trurock bild prink <sup>®</sup> Par 50mm 11kg/ 79 (71 80 (72) 80 (72) f 13mm fireshield	-/240 ra cition m <sup>3</sup> R1.2 ) 5)	D/240 an ated from Re FC1 Note Resistan C	d <b>180/180/180</b> h both sides port 3921 Report INSUL v9 e: Impact sound nt - Discontinuous
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16i</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap) 200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma	ximum 600 ximum 600 eld with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o	hield or trurock hield or trurock hield or trurock bild prink <sup>®</sup> Par 50mm 11kg/ 79 (71 80 (72) 80 (72) f 13mm fireshield	-/240 ra ition m <sup>3</sup> R1.2 )	D/240 an ated from Re FC1 Note Resistan C	d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction tance Level
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16n</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap) 200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> <li>Steel stud fra</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap	ximum 600 ximum 600 eld d with <b>multis</b> <b>Sound Insul Rw (Rw + C</b> <u>No</u> insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o ximum 600	hield or trurock hield or trurock ation tr) Pink <sup>®</sup> Par 50mm 11kg/ 79 (71 80 (72) 80 (72) f 13mm fireshield mm centres	-/240 rition m <sup>3</sup> R1.2 ) 5) F -/240	Note Resista C	d <b>180/180/180</b> h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25n</li> <li>Steel stud fra</li> <li>Minimum 20n</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o ximum 600	mm centres shield or trurock ation tr) Pink® Par 50mm 11kg/ 79 (71 80 (72) f 13mm fireshield mm centres mm centres	-/240 rition m <sup>3</sup> R1.2 ) 5) F -/240 ri	D/240 an ated from Re FC1 Note Resistan C Fire Resis D/240 an ated from Re	d 180/180/180 h both sides port 3921 Report INSUL v9 mathematics sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap)</li> <li>200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> <li>Steel stud fra</li> <li>Minimum 20m</li> <li>Steel stud fra</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o ximum 600 er + 1 layer o	mm centres hield or trurock ation tr) Pink <sup>®</sup> Par 50mm 11kg/ 79 (71 80 (72) f 13mm fireshield mm centres f 13mm fireshield	-/240 rition m <sup>3</sup> R1.2 ) 5) F -/240 ri	D/240 an ated from Re FC1 Note Resistan C Fire Resis D/240 an ated from Re	d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm studs plus 20mm air gap)</li> <li>200</li> <li>(2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> <li>Steel stud fra</li> <li>Minimum 20m</li> <li>Steel stud fra</li> <li>2 layers of 25m</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o ximum 600 er + 1 layer o	mm centres shield or trurock ation tr) Pink® Par 50mm 11kg/ 79 (71 80 (72) f 13mm fireshield mm centres f 13mm fireshield shield or trurock ation	-/240 rition m <sup>3</sup> R1.2 ) 5) F -/240 ri	D/240 an ated from Re FC1 Note Resistan C Fire Resis D/240 an ated from Re	d 180/180/180 h both sides port 3921 Report INSUL v9 mathematics sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25n</li> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>2 layers of 25n</li> <li>fireshield can be</li> <li>Cavity Size</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma nm shaftline substituted Width	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 (63) 69 (64) er + 1 layer o ximum 600 er + 1 layer o d with <b>multis</b> Sound Insul Rw (Rw + C No	hield or trurock hield or trurock hield or trurock hield or trurock prink® Par 50mm 11kg/ 79 (71 80 (73) 80 (73) 80 (73) 80 (73) 13mm fireshield mm centres f 13mm fireshield hield or trurock hield or trurock hield or trurock hield or trurock	-/240 ra ition m <sup>3</sup> R1.2 ) 5) f f -/240 ra ition	D/240 an ated from Re FC1 Note Resistan C Fire Resis D/240 an ated from Re	d 180/180/180 h both sides port 3921 Report INSUL v9 mathematics sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16i</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap) 200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> <li>Steel stud fra</li> <li>Minimum 20m</li> <li>Steel stud fra</li> <li>2 layers of 25m</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma nm shaftline substituted Width	ximum 600 ximum 600 eld with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 ( <b>63</b> ) 69 ( <b>64</b> ) er + 1 layer o ximum 600 er + 1 layer o d with <b>multis</b> Sound Insul Rw (Rw + C	imm centres shield or trurock ation tr) Pink® Par 50mm 11kg/ 79 (71 80 (73) 13mm fireshield mm centres f 13mm fireshield shield or trurock ation tr) Pink® Par	-/240 ra ition m <sup>3</sup> R1.2 ) 5) f f -/240 ra ition	D/240 an ated from Re FC1 Note Resistan C Fire Resis D/240 an ated from Re	d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port 3921 Report Report
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25m</li> <li>Steel stud fra</li> <li>Minimum 20m</li> <li>Steel stud fra</li> <li>2 layers of 25m</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma nm air gap ming at ma nm shaftline substituted Width (mm)	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 (63) 69 (64) er + 1 layer o ximum 600 er + 1 layer o d with <b>multis</b> Sound Insul Rw (Rw + C No	hield or trurock hield or trurock hield or trurock hield or trurock prink® Par 50mm 11kg/ 79 (71 80 (73) 80 (73) 80 (73) 80 (73) 13mm fireshield mm centres f 13mm fireshield hield or trurock hield or trurock hield or trurock hield or trurock hield or trurock	-/240 ra ition m <sup>3</sup> R1.2 ) ) f f -/240 ra ra ra ra ra	D/240 an ated from Re FC1 Note Resistan C C C C C C C C C C C C C C C C C C C	d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port 3921
	<ul> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>4 layers of 16</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm studs plus 20mm air gap)</li> <li>200 (2 x 64mm studs plus 72mm air gap)</li> <li>2 layers of 25n</li> <li>Steel stud fra</li> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>2 layers of 25n</li> <li>fireshield can be</li> <li>Cavity Size (mm)</li> </ul>	mm fireshie ming at ma nm air gap ming at ma mm fireshie substituted Width (mm) 276 328 mm shaftline ming at ma ming at ma nm air gap ming at ma nm shaftline substituted Width (mm) 274 274	ximum 600 ximum 600 eld d with <b>multis</b> Sound Insul Rw (Rw + C No insulation 69 (63) 69 (64) er + 1 layer o ximum 600 er + 1 layer o d with <b>multis</b> Sound Insul Rw (Rw + C No insulation	shield or trurock ation tr) Pink® Par 50mm 11kg/ 79 (71 80 (73) 13mm fireshield mm centres f 13mm fireshield mm centres f 13mm fireshield shield or trurock ation tr) Pink® Par 50mm 11kg/	-/240 ra ition m <sup>3</sup> R1.2 ) 5) f f -/240 ra ition m <sup>3</sup> R1.2 ra ition	D/240 an ated from Re FC1 Note Resistan C D/240 an ated from Re FC1	d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound ht - Discontinuous onstruction tance Level d 180/180/180 h both sides port 3921 Report INSUL v9 e: Impact sound



SSW381	• 1 layer of 16	nm fir	<b>e</b> shield						
	<ul> <li>Steel stud fr</li> </ul>	aming	at max		mm c	entres		Fire Resis	tance Level
	<ul> <li>Minimum 20</li> <li>Steel stud fr</li> </ul>			imum 600	mm c	entres			d <b>60/60/60</b>
	<ul> <li>1 layer of 16r</li> </ul>	-						rated from	n both sides
	mastashield car fireshield can b								port 3921
		Width (mm)	Sound I Rw (Rw	nsulation + Ctr)					
			No		tition	Pink <sup>®</sup> Part	ition 2	<b>x</b> Pink <sup>®</sup> Parti	tion Report
			insulatio	n 50mm 11kg/	m <sup>3</sup> R1.2	75mm 11 kg/m	<sup>3</sup> R1.8 7	'5mm 11 kg/m³ F	R1.8 Day Design 3094-39
	148 (2 x 64mm studs plus 20mm air gap)	190	46 (39	) 56 (4	6)	57 (48	)	60 ( <b>50</b> )	Note: Impact sound
	200 (2 x 64mm studs plus 72mm air gap)	242	48 (40	) 58 (4	8)	59 ( <b>50</b>	)	62 ( <b>52</b> )	Resistant - Discontinuous Construction
SSW382	• 1 layer of 16								
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> </ul>	-		imum 600	mm c	entres		Fire Resis	stance Level
	<ul> <li>Steel stud fr</li> <li>1 layer of 16r</li> </ul>	aming	at max				-		nd <b>60/60/60</b> n both sides
	mastashield can b	n be su	ubstitute	ed with <mark>wat</mark>	ershie	eld			eport 13921
	Cavity Size (mm)	Widt (mm)	h	Sound Insul Rw (Rw + Cl	ation				
				No insulation		<sup>®</sup> Partition 11kg/m <sup>3</sup> R1.2		x <sup>®</sup> Partition 11kg/m³ R1.2	Report Day Design
	148 (2 x 64mm stud: plus 20mm air gap		200	50 (43)	6	61 (49)	64	4 ( <b>52</b> )	3094-33 Note: Impact
	200 (2 x 64mm stud plus 72mm air gap	5 2	252	52 (44)	6	52 ( <b>51</b> )		-	sound Resistant - Discontinuous Construction
	I laver of the	nm tir	<b>e</b> shield						
SSW534	<ul> <li>1 layer of 16</li> <li>Steel stud fr</li> </ul>				mm c	entres		Fire Resis	tance Level
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> </ul>	aming mm ai	at max ir gap	imum 600					
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> </ul>	aming mm ai aming	at max ir gap at max	imum 600 imum 600	mm c	entres		-/90/90 an	tance Level nd 60/60/60 n both sides
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16</li> <li>fireshield can b</li> </ul>	aming mm ai aming mm <b>fir</b> e subs	at max ir gap at max <b>e</b> shield stituted	imum 600 imum 600 + 6mm Vil with <b>multi</b> s	mm c laboa	entres rd™		- <b>/90/90</b> an rated from Re	d 60/60/60
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> </ul>	aming mm ai aming mm <b>fir</b> e subs	at max ir gap at max eshield stituted an be re	imum 600 imum 600 + 6mm Vil with <b>multi</b> s	mm c laboa hield	entres rd™		- <b>/90/90</b> an rated from Re	nd <b>60/60/60</b> n both sides
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b</li> <li>Order of wall lin</li> </ul>	aming mm ai aming nm <b>fir</b> e subs ings c	at max ir gap at max eshield stituted san be re	imum 600 imum 600 + 6mm Vil with <b>multi</b> s eversed	mm c laboa hield ation	entres rd™ or <b>tru</b> rock		- <b>/90/90</b> an rated from Re	nd <b>60/60/60</b> n both sides port 3921
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b</li> <li>Order of wall lin</li> <li>Cavity Size</li> </ul>	aming mm ai aming mm fir e subs ings c Widt	at max ir gap at max eshield stituted san be re	imum 600 imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b>	mm c laboa hield ation tr)	entres rd™	ition	-/90/90 an rated from Re FC1	both sides port 3921 Day Design 3094-33
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b</li> <li>Order of wall lin</li> <li>Cavity Size</li> </ul>	aming mm ai aming nm fir e subs ings c Widt (mm) s 1	at max ir gap at max eshield stituted san be re	imum 600 + 6mm Vil with <b>multi</b> s eversed Sound Insul Rw (Rw + Cl	mm c laboa hield ation tr)	entres rd™ or <b>tru</b> rock Pink <sup>®</sup> Parl	cition m <sup>3</sup> R1.2	-/90/90 an rated from Re FC1	Day Design 3094-33 act sound Resistant - nuous Construction
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> </ul>	aming mm ai aming nm fir e subs nings c Widt (mm) s 1 s 2	at max ir gap at max eshield stituted an be re th	imum 600 imum 600 + 6mm Vil with <b>multis</b> versed Sound Insul Rw (Rw + Cl No insulatio	mm c laboa hield ation tr)	entres rd™ or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/	:ition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti (1) Us 75m	d <b>60/60/60</b> b both sides port 3921 Day Design 3094-33 act sound Resistant -
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16n</li> <li>fireshield can b</li> <li>Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm stud plus 20mm air gap 200</li> <li>(2 x 64mm stud)</li> </ul>	aming mm ai aming mm fir e subs ings c Widt (mm s s) 2	at max ir gap at max reshield stituted an be re th ) 186 238	imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43)	mm c laboa hield ation tr)	entres rd™ or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47	:ition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti (1) Us 75m	Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8
SSW534	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16</li> <li>Steel stud fr</li> </ul>	aming mm ai aming nm fir e subs ings c Widt (mm s s) 2 5 5 1 5 5 1 5 5 1	at max ir gap at max reshield stituted an be re th ) 186 238 iireshiel at max	imum 600 + 6mm Vil with <b>multis</b> eversed Sound Insul <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43)	mm c laboa hield ation tr)	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49)	:ition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti (i) Us 75m to a	Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16 Steel stud fr</li> <li>Minimum 20</li> </ul>	aming mm ai aming mm fir e subs ings c Widt (mm s s) 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 5 5 7 5 5 7	at max ir gap at max reshield stituted an be re th ) 186 238 iireshiel at max ir gap	imum 600 + 6mm Vil with <b>multis</b> versed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600	mm c laboa hield ation cr) on cm c	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres	cition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti Us 75m to a	d <b>60/60/60</b> b both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8 achieve 59 ( <b>50</b> )
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16</li> <li>Steel stud fr</li> </ul>	aming mm ai aming mm fir e subs lings c Widt (mm) 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	at max ir gap at max reshield stituted an be rest in be 186 238 ireshiel at max ir gap at max	imum 600 + 6mm Vil with <b>multis</b> eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulation 50 (42) 51 (43) d imum 600	mm c laboa hield ation cr) on g mm c mm c	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres entres	cition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti (120/120 a	d <b>60/60/60</b> h both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8 achieve 59 ( <b>50</b> ) tance Level
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16n</li> <li>fireshield can b</li> <li>Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148</li> <li>(2 x 64mm stud)</li> <li>plus 20mm air gap</li> <li>200</li> <li>(2 x 64mm stud)</li> <li>plus 72mm air gap</li> <li>2 layers of 16</li> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> </ul>	aming mm ai aming mm fir e subs lings c Widt (mm s) 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	at max ir gap at max reshield stituted an be rest in be	imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600 + 6mm Vil with <b>multi</b> s	mm c laboa hield ation cr) cn s mm c laboa	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres entres rd <sup>™</sup>	cition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti Disconti (10 Us 75m to a Fire Resis /120/120 a rated from Re	d 60/60/60 n both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8 achieve 59 (50) tance Level nd 60/60/60
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16n</li> <li>fireshield can boorder of wall lin</li> <li>Cavity Size</li> <li>(mm)</li> </ul> 148 <ul> <li>(2 x 64mm stud)</li> <li>plus 20mm air gap</li> <li>200</li> <li>(2 x 64mm stud)</li> <li>plus 72mm air gap</li> <li>2 layers of 16</li> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16n</li> <li>fireshield can boot</li> </ul>	aming mm ai aming mm fir e subs lings c Widt (mm s) 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	at max at max eshield stituted an be re- th ) 186 238 ireshiel at max ir gap at max eshield stituted an be re- th	imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600 + 6mm Vil with <b>multi</b> s	mm c laboa hield ation tr) on g mm c laboa hield ation	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres entres rd <sup>™</sup>	cition m <sup>3</sup> R1.2 ')	-/90/90 an rated from Re FC1 Note: Imp Disconti Disconti (10 Us 75m to a Fire Resis /120/120 a rated from Re	d 60/60/60 n both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition im 11 kg/m <sup>3</sup> R1.8 ichieve 59 (50) tance Level nd 60/60/60 in both sides
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16r</li> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size</li> </ul>	aming mm ai aming mm fir e subs lings c Widt (mm s) 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	at max at max eshield stituted an be re- th ) 186 238 ireshiel at max ir gap at max eshield stituted an be re- th	imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b>	mm c laboa hield ation cr) on c laboa hield ation cr)	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres entres rd <sup>™</sup>	:ition -, -, :ition	-/90/90 an rated from Re FC1 Note: Imp Disconti (120/120 a rated from Re FC1	d 60/60/60 h both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition m 11 kg/m <sup>3</sup> R1.8 achieve 59 (50) tance Level nd 60/60/60 h both sides port 3921 Report
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16r</li> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size</li> </ul>	aming mm ai aming mm fir e subs sings c Widt (mm aming mm ai aming mm fir e subs sings c Widt (mm	at max at max eshield stituted an be re- th ) 186 238 ireshiel at max ir gap at max eshield stituted an be re- th	imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600 + 6mm Vil with <b>multi</b> s eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b>	mm c laboa hield ation cr) on c laboa hield ation cr)	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl 50mm 11kg/ 59 (47) 59 (49) entres entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Parl	:ition m <sup>3</sup> R1.2 ') (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	-/90/90 an rated from Re FC1 Note: Imp Disconti (120/120 a rated from Re FC1	d 60/60/60 h both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition m 11 kg/m <sup>3</sup> R1.8 achieve 59 (50) tance Level nd 60/60/60 h both sides port 3921
	<ul> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud plus 20mm air gap 200 (2 x 64mm stud plus 72mm air gap</li> <li>2 layers of 16r</li> <li>Steel stud fr</li> <li>Minimum 20</li> <li>Steel stud fr</li> <li>1 layer of 16r</li> <li>fireshield can b Order of wall lin</li> <li>Cavity Size (mm)</li> <li>148 (2 x 64mm stud</li> </ul>	aming mm ai aming mm fir e subs ings c Widt (mm aming mm ai aming mm fir e subs ings c Widt (mm	at max at max reshield stituted an be re th ) 186 238 ireshiel at max ir gap at max reshield stituted an be re th )	imum 600 + 6mm Vil with <b>multis</b> eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio 50 (42) 51 (43) d imum 600 + 6mm Vil with <b>multis</b> eversed <b>Sound Insul</b> <b>Rw (Rw + Cl</b> No insulatio	mm c laboa hield ation cr) on c laboa hield ation cr)	entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Part 50mm 11kg/ 59 (47) 59 (47) entres entres entres rd <sup>™</sup> or <b>tru</b> rock Pink <sup>®</sup> Part 50mm 11kg/	:ition m <sup>3</sup> R1.2 ') (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	-/90/90 an rated from Re FC1 Note: Imp Disconti ito a 75m to a 75m to a 75m to a 75m to a 75m to a 75m to a	Ad 60/60/60 h both sides port 3921 Day Design 3094-33 act sound Resistant - nuous Construction e Pink <sup>®</sup> Partition m 11 kg/m <sup>3</sup> R1.8 achieve 59 (50) tance Level nd 60/60/60 h both sides port 3921 Report Day Design 3094-33

SSW536	<ul> <li>1 layer of 16m</li> <li>Steel stud fra</li> </ul>	ming at ma				Fire Resis	tance Level
	<ul> <li>Minimum 20n</li> <li>Steel stud fra</li> <li>1 layer of 16m</li> </ul>	ming at ma					nd <b>60/60/60</b> n both sides
	<b>fire</b> shield can be Order of wall lini	substituted	d with <b>multi</b> s				eport 13921
	Cavity Size (mm)	Width (mm)	Sound Insul Rw (Rw + Cl	tr)			
			No insulatio	on Pink <sup>®</sup> Par 50mm 11kg			Report Day Design
	148 (2 x 64mm studs plus 20mm air gap)	192	54 (46)	64 ( <b>5</b>	1)		3094-33 e: Impact sound nt - Discontinuous
	200 (2 x 64mm studs plus 72mm air gap)	244	56 (47)	65 ( <b>5</b>	4)		Construction
SSW320	<ul> <li>1 layer of 13m</li> <li>Staggered ste</li> </ul>					Fire Re	sistance Level
	<ul><li>300mm stag</li><li>1 layer of 13m</li></ul>	gered)		oonin centres		-/60/60	and <b>30/30/30</b> from both sides
	<b>fire</b> shield can b	e substitut	ed with <b>mul</b>	<b>ti</b> shield or truro	ock		Report FC13921
	Track Width (mm)	Width (mm)	Sound Insul Rw (Rw + Cl				
			No insulation	Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2		<sup>®</sup> Partition 14kg/m <sup>3</sup> R1.9	Report Day Design
	92	118	38 (30)	47 (36)	5	50 (41) <sup>1</sup>	3094-33 <sup>1</sup> TL554-18
	150	176	39 (30)	48 (39)		-	Note: Impact sound Resistant
SSW321	<ul> <li>1 layer of 13m</li> <li>Staggered sterning</li> <li>(300mm stag</li> </ul>	eel studs at		00mm centres			sistance Level
SSW321		eel studs at gered)	maximum 6	00mm centres		-/90/90	and <b>30/30/30</b> om both sides
SSW321	<ul> <li>Staggered ster</li> <li>(300mm stag</li> </ul>	eel studs at gered) mm <b>fire</b> shie	maximum 6 Id			<b>-/90/90</b> rated fr	and <b>30/30/30</b>
SSW321	<ul> <li>Staggered ste (300mm stag</li> <li>2 layers of 13r</li> </ul>	eel studs at gered) mm <b>fire</b> shie	maximum 6 Id	tishield or trurc ation		<b>-/90/90</b> rated fr	and <b>30/30/30</b> om both sides Report
SSW321	<ul> <li>Staggered ster (300mm stag</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substitute Width	maximum 6 eld Sound Insul Rw (Rw + Cl No	tishield or trurc ation	Pink	<b>-/90/90</b> rated fr	and <b>30/30/30</b> om both sides Report
SSW321	<ul> <li>Staggered ster (300mm stag</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substitute Width	maximum 6 eld Sound Insul Rw (Rw + Cl No	<mark>ti</mark> shield or <b>tru</b> rc ation tr) Pink <sup>®</sup> Partition	Pink 75mm	-/90/90 rated fr F Partition	and 30/30/30 om both sides Report =C13921 Report Day Design 3094-33 'TL554-19
SSW321	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm)	maximum 6 eld ed with <b>mul</b> Sound Insul Rw (Rw + Cl No insulation	<mark>tishield or trurc</mark> ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	Pink 75mm	-/90/90 rated fr F Partition 14kg/m <sup>3</sup> R1.9	and 30/30/30 com both sides Report =C13921 Report Day Design 3094-33
SSW321	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substitute Width (mm) 131 189 mm <b>fire</b> shie	maximum 6 eld Sound Insul Rw (Rw + Ct insulation 43 (34) 45 (35)	tishield or trucc ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46)	Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup>	and 30/30/30 com both sides Report =C13921 Report Day Design 3094-33 'TL554-19 Note: Impact
	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 13r</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm) 131 189 mm <b>fire</b> shie eel studs at gered)	maximum 6 eld Sound Insul Rw (Rw + Cl Insulation 43 (34) 45 (35) eld maximum 6	tishield or trucc ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46)	Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup> - Fire Res -/120/120	and 30/30/30 om both sides Report =C13921 Report Day Design 3094-33 'TL554-19 Note: Impact sound Resistant
	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 13r</li> <li>Staggered ster (300mm stag)</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm) 131 189 mm <b>fire</b> shie eel studs at gered) mm <b>fire</b> shie	maximum 6 eld Sound Insul Rw (Rw + Cl Insulation 43 (34) 45 (35) eld maximum 6	tishield or trurd ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46) 500mm centres	Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup> - Fire Res -/120/120 rated fr	and 30/30/30 om both sides Report -C13921 Report Day Design 3094-33 'TL554-19 Note: Impact sound Resistant
	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 13r</li> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm) 131 189 mm <b>fire</b> shie eel studs at gered) mm <b>fire</b> shie	maximum 6 eld Sound Insul Rw (Rw + Cl Insulation 43 (34) 45 (35) eld maximum 6	tishield or trucc ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46) 500mm centres tishield or trucc ation	Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup> - Fire Res -/120/120 rated fr	and 30/30/30 om both sides Report -C13921 Report Day Design 3094-33 'TL554-19 Note: Impact sound Resistant sistance Level D and 90/90/90 om both sides Report
	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 13r</li> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm) 131 189 mm <b>fire</b> shie eel studs at gered) mm <b>fire</b> shie e substituto	maximum 6 eld Sound Insul Rw (Rw + Cl insulation 43 (34) 45 (35) eld maximum 6 eld Sound Insul	tishield or truct ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46) 500mm centres tishield or truct ation tr) Pink <sup>®</sup> F	ock Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup> - Fire Res -/120/120 rated fr F	and 30/30/30 om both sides Report =C13921 Report Day Design 3094-33 'TL554-19 Note: Impact sound Resistant sistance Level D and 90/90/90 om both sides Report EC13921
	<ul> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>2 layers of 13r</li> <li>Staggered ster (300mm stag)</li> <li>2 layers of 13r</li> <li>fireshield can b</li> <li>Track Width</li> </ul>	eel studs at gered) mm <b>fire</b> shie e substituto Width (mm) 131 189 mm <b>fire</b> shie eel studs at gered) mm <b>fire</b> shie e substituto	maximum 6 eld Sound Insul Rw (Rw + Cl insulation 43 (34) 45 (35) eld maximum 6 eld Sound Insul Rw (Rw + Cl No	tishield or truct ation tr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 51 (43) 52 (46) 500mm centres tishield or truct ation tr) Pink <sup>®</sup> F 50mm 11	ock Pink 75mm 5	-/90/90 rated fr Partition 14kg/m <sup>3</sup> R1.9 6 (46) <sup>1</sup> - Fire Res -/120/120 rated fr F	and 30/30/30 om both sides Report =C13921 Report Day Design 3094-33 'TL554-19 Note: Impact sound Resistant sistance Level D and 90/90/90 om both sides Report =C13921



SSW520	• 1 layer of 13	mm fir	<b>e</b> shield					
33₩320	(300mm sta	oggered	d)	maximum 600m   + 6mm Villaboa		-/6	50/60 a	istance Level and 30/30/30 m both sides
		be sub	stitute	d with <b>multi</b> shie		10	F	Report C13921
	Track Width (mm)	Widt (mm)	:h	Sound Insulation Rw (Rw + Ctr)				
				No insulation	Pink <sup>®</sup> Parti 50mm 11kg/m			Report
	92	1	124	43 (34)	51 (43)		1	Day Design 3094-33 Note: Impact
	150	1	182	45 (35)	53 (46)		SO	und Resistant
SSW522	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 13</li> </ul>	teel stu aggered mm <b>fir</b> o	uds at i d) <b>e</b> shield	+ 6mm Villaboa maximum 600m   + 6mm Villaboa	nm centres ard™	-/9	0/90 a	istance Level and 30/30/30 im both sides
	Order of wall I	inings	can be					Report C13921
	Track Width (mm)	Wall W (mm)	Vidth	Sound Insulation Rw (Rw + Ctr)	1		[	
				No insulation	Pink <sup>®</sup> Parti 50mm 11kg/m			Report Day Design
	92	13	30	47 (37)	56 (48)			3094-33 Note: Impact
	150	18	88	49 (39)	57 ( <b>51</b> )		SO	und Resistant
SSW325	(300mm sta • 1 layer of 16	teel stu aggered mm <mark>fir</mark>	uds at i d) r <b>e</b> shield	maximum 600m J		<b>-/90</b> rated f Gla <b>-/60</b> rated fro	0/90 ar from bo asswoo 0/60 ar om both insulati	tance Level ad 60/60/60 oth sides using l insulation ad 60/60/60 sides using either ion or no insulation EC13921
SSW325	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> </ul>	teel stu aggered mm <mark>fir</mark>	uds at d d) eshield stituted Sound	maximum 600m		<b>-/90</b> rated f Gla <b>-/60</b> rated fro	0/90 ar from bo asswoo 0/60 ar om both insulati	nd <b>60/60/60</b> oth sides using I insulation nd <b>60/60/60</b> sides using either
SSW325	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can l</li> <li>Track Width</li> </ul>	teel stu aggered mm fir be subs Width	uds at d d) eshield stituted Sound	with <b>multi</b> shield Insulation v + Ctr) Pink <sup>®</sup> Partition	or <b>tru</b> rock	<b>-/90</b> rated f Gla <b>-/60</b> rated fro	J/90 ar from bo asswoo J/60 ar om both insulati Report	nd <b>60/60/60</b> oth sides using I insulation nd <b>60/60/60</b> sides using either ion or no insulation
SSW325	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can l</li> <li>Track Width</li> </ul>	teel stu aggered mm fir be subs Width	uds at i d) eshield stituted Sound Rw (Rv No	with multishield Insulation w + Ctr) on Pink® Partition 50mm 11kg/m <sup>3</sup> R1.2	or <b>tru</b> rock 2 x Pink <sup>®</sup> Partition	-/90 rated 1 Gla -/60 rated fro polyester Pink <sup>®</sup> Pa	J/90 an from bo asswoo J/60 an bom both insulati Report	Ad 60/60/60 oth sides using i insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33, 5008-8 'TL510b
SSW325	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can l Track Width (mm)</li> </ul>	teel stu aggered mm fir be subs Width (mm)	uds at d d) eshield stituted Rw (Rv No insulati	with multishield Insulation w + Ctr) on Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41)	or trurock 2 x Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2	-/90 rated 1 Gla -/60 rated fro polyester Pink <sup>®</sup> Pa 75mm 11kg,	J/90 an from bo asswoo J/60 an bom both insulati Report	Ad 60/60/60 oth sides using I insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33,5008-8
SSW325	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can l Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 16</li> </ul>	teel stu oggered mm fir be subs Width (mm) 124 182 mm fir teel stu oggered	uds at d) eshield stituted Rw (Ru 40 (32 42 (32 eshield uds at d)	with multishield Insulation v + Ctr) on Pink® Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41) 3) 49 (44)	or trurock 2 x Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (44) <sup>1</sup> -	-/90 rated 1 Gla -/60 rated fro polyester Pink <sup>®</sup> Pa 75mm 11kg, 50 (2 - -	9/90 ar from bo asswoo 9/60 ar om both insulati Report (m <sup>3</sup> R1.8 42) ire Resi co/120 ited fro	Ad 60/60/60 oth sides using i insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33, 5008-8 'TL510b Note: Impact sound Resistant istance Level and 60/60/60 im both sides
	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can legal</li> <li>Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 16</li> <li>Staggered s (300mm state)</li> <li>2 layers of 1</li> <li>fireshield can</li> </ul>	teel stu oggered mm fir be subs Width (mm) 124 182 mm fir teel stu oggered 6mm fi be sub	uds at d) eshield Sound Rw (Rv 40 (32 42 (32 eshield uds at d) ireshie	with <b>multi</b> shield Insulation w + Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41) 3) 49 (44) maximum 600m Id	or trurock 2 x Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (44) <sup>1</sup> - m centres	-/90 rated 1 Gla -/60 rated fro polyester Pink <sup>®</sup> Pa 75mm 11kg, 50 (2 - -	<pre>//90 ar from bo asswoo //60 ar om both insulati Report //m³ R1.8 42) ire Resi :0/120 ited from F</pre>	Ad 60/60/60 oth sides using i insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33,5008-8 'TL510b Note: Impact sound Resistant istance Level and 60/60/60
	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can la Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 16</li> <li>Staggered s (300mm state)</li> <li>2 layers of 1</li> </ul>	teel stu oggered mm fir be subs Width (mm) 124 182 mm fir teel stu oggered 6mm fi	uds at d) eshield Sound Rw (Rv 40 (32 42 (32 eshield uds at d) ireshie	with multishield Insulation w + Ctr) on Pink® Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41) 3) 49 (44) j maximum 600m ld cd with multishiel Sound Insulation Rw (Rw + Ctr)	or trurock 2 x Pink® Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (44) <sup>1</sup> - am centres eld or trurock	-/90 rated 1 Gla -/60 rated fro polyester Pink <sup>®</sup> Pa 75mm 11kg, 50 (4 - - Fi -/12 ra	<pre>//90 ar from bo asswoo //60 ar om both insulati Report //m³ R1.8 42) ire Resi :0/120 ited from F</pre>	Ad 60/60/60 oth sides using il insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33, 5008-8 'TL510b Note: Impact sound Resistant istance Level and 60/60/60 m both sides Report
	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can la Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 16</li> <li>Staggered s (300mm state)</li> <li>2 layers of 1</li> <li>fireshield can</li> <li>Track Width</li> </ul>	teel stu oggered mm fir be subs Width (mm) 124 182 mm fir teel stu oggered 6mm fi be sub	uds at d) eshield Sound Rw (Rv 40 (32 42 (32 eshield uds at d) ireshie	with <b>multi</b> shield Insulation w + Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41) 3) 49 (44) maximum 600m Id sound Insulation	or trurock 2 x Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (44) <sup>1</sup> - m centres	-/90 rated 1 Gla -/60 rated fro polyester 25mm 11kg, 50 (2 - - Fi -/12 ra	<pre>//90 ar from bo asswoo //60 ar om both insulati Report //m³ R1.8 42) ire Resi :0/120 ited from F</pre>	Ad 60/60/60 oth sides using i insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33, 5008-8 <sup>1</sup> TL510b Note: Impact sound Resistant istance Level and 60/60/60 m both sides Report C13921 Report
	<ul> <li>Staggered s (300mm state)</li> <li>1 layer of 16</li> <li>fireshield can la Track Width (mm)</li> <li>92</li> <li>150</li> <li>1 layer of 16</li> <li>Staggered s (300mm state)</li> <li>2 layers of 1</li> <li>fireshield can</li> <li>Track Width</li> </ul>	teel stu oggered mm fir be subs Width (mm) 124 182 mm fir teel stu oggered 6mm fi be sub Wall W (mm)	uds at d) eshield Sound Rw (Rv 40 (32 42 (32 eshield uds at d) ireshie	with multishield Insulation w + Ctr) Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 2) 48 (41) 3) 49 (44) maximum 600m Id Sound Insulation Rw (Rw + Ctr) No	or <b>tru</b> rock <b>2 x</b> Pink <sup>®</sup> Partition 50mm 11kg/m <sup>3</sup> R1.2 52 (44) <sup>1</sup> - am centres eld or <b>tru</b> rock Pink <sup>®</sup> Parti	-/90 rated 1 Gla -/60 rated fro polyester 75mm 11kg, 50 (2 - - Fi -/12 ra	b/90 ar from bo asswoo b/60 ar om both insulati Report insulati (retition /m <sup>3</sup> R1.8 42) ire Resi 20/120 ited fro Fo	Ad 60/60/60 oth sides using i insulation ad 60/60/60 sides using either ion or no insulation FC13921 Reports Day Design 3094-33,5008-8 'TL510b Note: Impact sound Resistant istance Level and 60/60/60 om both sides Report C13921

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SSW327 <ul> <li></li></ul>							
Stoger acus a construction of committee inters       -/120/120 and 120/120/120 rated from both sides         Person       Person       Person         Person       Freshield can be substituted with multishield or trunck       Pink <sup>6</sup> Pertition         Teck Width       Weil Width       Sound insulation       Pink <sup>6</sup> Pertition         150       214       51 (44)       59 (52)       Day Design         399433       Note: impact       Sound Resistant       Pink <sup>6</sup> Pertition       Day Design         150       214       51 (44)       59 (53)       Note: impact         SSW524       • 1 layer of 16mm fireshield       • Staggered steel studs at maximum 600mm centres       Colorent staggered       Pink <sup>6</sup> Pertition         • 1 layer of 16mm fireshield + 6mm Villaboard**       Fire Resistance Level       -/90/90 and 60/60/00       Pink <sup>6</sup> Pertition         • 1 layer of 16mm fireshield + 6mm Villaboard**       • 1 layer of 16mm fireshield + 6mm Villaboard**       Fire Resistance Level         • 922       130       44 (35)       52 (45)       Note: impact         • 1 layer of 16mm fireshield + 6mm Villaboard**       • 1 layer of 16mm fireshield + 6mm Villaboard**       Fire Resistance Level         • 120/120 and 60/60/06       • 1 layer of 16mm fireshield + 6mm Villaboard**       Fire Resistance Level         • 120/120 and 60/60/06<	SSW327	· ·				-	in Desistant and soul
Fireshield can be substituted with multishield or trurock         Report FC13321           Tack Width         Sound insulation         Fink® Partition         Report           92         156         49 (42)         58 (52)         Day Design           92         150         214         51 (44)         59 (53)         Note Impact           SUMUSE         1 layer of 16mm fireshield         Singgered		(300mm sta	ggered)		im centres	-/12	20/120 and 120/120/120
Image: space of the state of the s					eld <b>or tru</b> rock		Report
Image: Second							
92         156         49 (42)         58 (52)         3094-33 Note: impact sound Resistant           150         214         51 (44)         59 (53)         Note: impact sound Resistant           SSW524         • 1 layer of 16mm fireshield         • Staggered steel studs at maximum 600mm centres (300m staggered)         • 1 layer of 16mm fireshield + 6mm Villaboard"*         Fire Resistance Level           • 1 layer of 16mm fireshield - 6mm Villaboard"*         Fire Resistance Level         -/90/90 and 60/60/60 rated from both sides           • 1 layer of 16mm fireshield + 6mm Villaboard"*         Fireshield can be substituted with multishield or trunck Order of wall linings can be reversed         Report           • 1 layer of 16mm fireshield + 6mm Villaboard"*         Sound Resistant         Report           • 1 layer of 16mm fireshield + 6mm Villaboard**         Note: impact sound Resistant         Note: impact reversed           • 1 layer of 16mm fireshield + 6mm Villaboard**         • 1 layer of 16mm fireshield + 6mm Villaboard**         Fire Resistance Level -/20/120 and 60/60/60 rated from both sides           • 1 layer of 16mm fireshield + 6mm Villaboard**         • 1 layer of 16mm fireshield + 6mm Villaboard**         Fire Resistance Level -/20/120 and 60/60/60 rated from both sides           • 1 layer of 16mm fireshield + 6mm Villaboard**         • 1 layer of 16mm fireshield + 6mm Villaboard**         Fire Resistance Level -/20/120 and 60/60/60 rated from both sides           • 1 layer of 16mm							
150       214       51 (44)       59 (53)       sound Resistant         SSW524                1 layer of 16mm fireshield         S SW524		92	156	49 (42)	58 ( <b>52</b> )		3094-33
SSW224 <ul> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard"</li> <li>Fire Resistance Level -/90/90 and 60/60/60 rated from both sides</li> <li>Report PC13921</li> </ul> <ul> <li>Fire Keistance Level -/90/90 and 60/60/60 rated from both sides</li> <li>Report PC13921</li> <li>Track Width Wall Width Sound Insulation form 11kg/m R12 92 130 44 (35) 52 (45)</li> <li>Tiso 188 46 (37) 53 (48)</li> </ul> <ul> <li>Report Day Design 3094-33 Note: Impact sound Resistant</li> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>Fire Resistance Level -/120/120 and 60/60/60 rated from both sides</li> <li>Report Ection Trucck Order of wall linings can be reversed</li> <li>Track Width Wall Width Sound Insulation 100mm 11kg/m R12 PC13921</li> <li>Report PC13921</li> <li>Report Day Design 3094-33 Note: Impact 209 P2 136 48 (41) 59 (51)</li> <li>Note: Impact 209 P2 136 48 (41) 59 (51)</li> <li>Substituted P2 P2 136 48 (41) 59 (51)<td></td><td>150</td><td>214</td><td>51 (44)</td><td>59 <b>(53</b>)</td><td></td><td></td></li></ul>		150	214	51 (44)	59 <b>(53</b> )		
Staggered steel studs at maximum 600mm centres (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Resistance Level     -/90/90 and 60/60/60     rated from both sides     Report     Track Width Wall Width     Sound Insulation     150     188     46 (37)     53 (48)     SSW526     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     Staggered steel studs at maximum 600mm centres     (300mm staggered)     1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     rated from both sides     Report     FC13921     Fire Resistance Level     -/120/120 and 60/60/60     Report     FC13921     Fire Resistance Level	SSW524	• 1 layer of 16r	nm <b>fire</b> shield	d			
• 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> rated from both sides         fireshield can be substituted with multishield or trurock Order of wall linings can be reversed       Report FC13921         Track Width       Wall Width (mm)       Sound Insulation Rw (Rw + Ctr)       Report Day Design 3094-33         92       130       44 (35)       52 (45)         150       188       46 (37)       53 (48)         Fire Resistance Level -/120/120 and 60/60/60 rated from both sides         SSW526         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Resistance Level -/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Resistance Level -/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Resistance Level -/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Fire Report FC13921         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Report FC13921         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Report FC13921         • 1 layer of 16mm fireshield + 6mm Villaboard <sup>™</sup> Sound Insulation fireshield can be substituted with multishield or trurock Order of wall linings can be reversed       Report FC13921         • 1 layer of 16mm fireshield + 6mm Vi				maximum 600m	im centres		
Order of wall linings can be reversed       FC13921         Track Width       Wall Width       Sound Insulation         Image: Mining the image: Mining the image with the image withe image with the image with the image with th		• 1 layer of 16	mm <b>fire</b> shield	d + 6mm Villaboa	ard™		
Image: constraint of the state of the s					eld or <b>tru</b> rock		
Image: Second							
92       130       44 (35)       52 (45)       3094.33         150       188       46 (37)       53 (48)       Sound Resistant         SSW526         • 1 layer of 16mm fireshield + 6mm Villaboard™         • Staggered steel studs at maximum 600mm centres (300mm staggered)       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield       • 1 layer of 16mm fireshield							
150       188       46 (37)       53 (48)       sound Resistant         SSW526       • 1 layer of 16mm fireshield + 6mm Villaboard™       • Staggered steel studs at maximum 600mm centres (300mm staggered)       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level       ·/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level       ·/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level       ·/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       • 1 layer of 16mm fireshield + 6mm Villaboard™       Fire Resistance Level       ·/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield × 6mm Villaboard™       • 1 layer of 16mm fireshield × 6mm Villaboard™       • 1 layer of 16mm fireshield × 6mm Villaboard™       ·/120/120 and 60/60/60 rated from both sides         • 1 layer of 16mm fireshield can be substituted with multishield or trurock Order of wall linings can be reversed       • 1 month fireshield × 6mm Villaboard™       ·/120/120 and 50/60/60 rated from both sides         • 1 age of 16mm fireshield × 6mm Villaboard™       • 1 age of 16mm fireshield × 6mm Villaboard™       • 1 age of 16mm fireshield × 6mm Villaboard™       ·/120/120 and 50/60/60 rated from both sides <td></td> <td>92</td> <td>130</td> <td>44 (35)</td> <td>52 (45)</td> <td></td> <td>3094-33</td>		92	130	44 (35)	52 (45)		3094-33
Source       Staggered steel studs at maximum 600mm centres (300mm staggered)       Fire Resistance Level         • 1 layer of 16mm fireshield + 6mm Villaboard™       -/120/120 and 60/60/60 rated from both sides         fireshield can be substituted with multishield or trurock Order of wall linings can be reversed       Report FC13921         Track Width (mm)       Sound Insulation Rw (Rw + Ctr)       Report 50mm 11kg/m³ R1.2         92       136       48 (41)       59 (51)		150	188	46 (37)	53 (48)		
<ul> <li>Staggered steel studs at maximum 600mm centres (300mm staggered)</li> <li>1 layer of 16mm fireshield + 6mm Villaboard<sup>TM</sup></li> <li>fireshield can be substituted with multishield or trurock Order of wall linings can be reversed</li> <li>Track Width Wall Width (mm)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Report Pink<sup>®</sup> Partition 3094-33</li> <li>Note: Impact sourd Besistant</li> </ul>	SSW526	• 1 layer of 16r	nm <b>fire</b> shield	d + 6mm Villaboa	ard™		
<ul> <li>• 1 layer of 16mm fireshield + 6mm Villaboard™</li> <li>rated from both sides</li> <li>Report FC13921</li> <li>Fireshield can be substituted with multishield or trurock Order of wall linings can be reversed</li> <li>Track Width Wall Width (mm)</li> <li>Sound Insulation Rw (Rw + Ctr)</li> <li>No</li> <li>Pink<sup>®</sup> Partition 50mm 11kg/m<sup>3</sup> R1.2</li> <li>Report Day Design 3094-33</li> <li>Note: Impact sound Besistant</li> </ul>	35₩320			maximum 600m	im centres		
Order of wall linings can be reversed     FC13921       Track Width (mm)     Wall Width (mm)     Sound Insulation Rw (Rw + Ctr)     FC13921       92     136     48 (41)     59 (51)     Report 3094-33       Note: Impact sound Resistant     Note: Impact sound Resistant		• 1 layer of 16	mm <b>fire</b> shield	d + 6mm Villaboa	ard™		
(mm)     (mm)     Rw (Rw + Ctr)       Image: Second state					eld or <b>tru</b> rock		
92     136     48 (41)     59 (51)     Report Day Design 3094-33       Note: Impact sound Peristant							
92 136 48 (41) 59 (51) 3094-33 Note: Impact sound Peristant				No insulation			
sound Peristant		92	136	48 (41)	59 ( <b>51</b> )		3094-33
		150	194	50 (42)	59 ( <b>53</b> )		

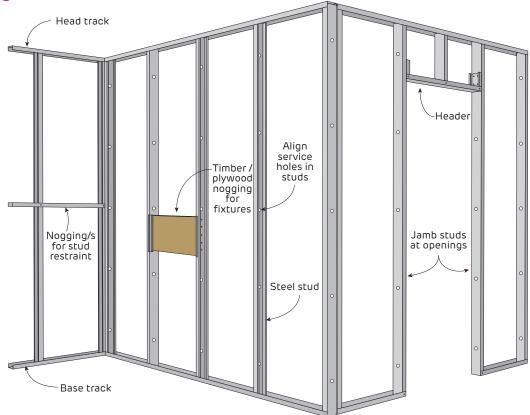
# General Requirements

	Non-fire Rated	Fire Rated
<ul> <li>Install control joints in steel framed walls:</li> <li>With plasterboard at 12m maximum intervals</li> </ul>		
<ul> <li>&gt; With fibre cement at 9m maximum intervals for steel framing</li> <li>&lt; 0.8mm BMT</li> <li>&gt; With fibre cement at 6m maximum intervals for steel framing</li> </ul>	1	
<ul> <li>&gt; 0.8mm BMT</li> <li>&gt; With tiles at 4.8m maximum intervals (plasterboard or fibre cement)</li> <li>&gt; At all control joints in the structure</li> </ul>	V	V
<ul><li>At any change in the substrate</li><li>At the floor line in stairwells.</li></ul>		
Only joint the face layer. As a minimum, use paper tape with any Siniat jointing compound applied in one or two coats to the thickness of two coats. Alternatively, use <b>bindex</b> fire and acoustic sealant according to the Product Data Sheet.		~
Use approved fire rated penetration details. fire penetrations may require fire collars or other devices to maintain fire performance.		$\checkmark$
Use <b>bindex</b> fire and acoustic sealant on all gaps and around perimeter.		$\checkmark$
Attach all fixtures to studs or noggings/blocking. Wall anchors must not be fixed to the plasterboard of fire rated walls.		$\checkmark$
Structural steel members in wall cavities have the Structural Adequacy component of the system's FRL.		$\checkmark$
Wall systems with a Structural Adequacy component to their FRL may be built with any steel framing provided it is designed according to the relevant Australian Standards, has a minimum 51mm cavity and maximum 600mm horizontal or vertical framing centres for the fixing of linings.		~

For acceptable modifications or variations to fire rated systems, refer to Section 2.3 fire Resistance

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# Framing



#### FIGURE 1 Internal Steel Frame Wall Layout

	Non-fire Rated	Fire Rated
Use a Deflection Head Track if soffit movement of up to 20mm is expected. For higher requirements contact Siniat. Refer to Construction Details for clearances.	$\checkmark$	~
Framing members as per framing table or structural design up to 600mm maximum spacing.	$\checkmark$	$\checkmark$
Face studs in the same direction if possible, to allow easier fastening of wall lining. However, installation of some services may require the studs to be positioned in opposite directions. Refer to Construction Details.	✓	✓
Twist studs into tracks and push studs down completely into bottom track.	$\checkmark$	✓

## Table 1 Maximum Head and Base Track Anchor Spacing

Stud Spacing (mm)	Maximum Anchor Spacing (mm)				
600	600				
450	600				
400	600				
300	450				
200	300				
1 Additional contents 100 contents in the former					

1. Additional anchors 100mm maximum from track ends.

2. 150mm studs require 2 anchors across width.

- Noggings are permitted to assist the fixing of services. Copper Chromium Arsenate (CCA) treated timber must not be used.
- > Plumbing and electrical services must not protrude beyond the face of the studs.

#### Siniat Internal Wind Load Calculator



Refer to Section 2.3 for assistance determining the relevant internal wind pressures for a specific project. Or use the Siniat Internal Wind Load Calculator by clicking on the link or by using your phone's camera on the QR code.

## Table 2 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full height on both sides				BCA Building	Ultimate pre	ssure W <sub>U</sub> (kPa)	0.39	
			Importance Level 3			Serviceability pressure W <sub>S</sub> (kPa)		
Stud Depth and BMT	Maximum Stud Centres		Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining			Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall lini		
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm	
	600	2740	2840	2980	2310	2380	2490	
F1 O F	450	3070	3190	3340	2580	2670	2780	
51 x 0.5	400	3210	3340	3510	2700	2790	2910	
	300	3580	3730	3930	3010	3120	3260	
	600	3330	3440	3580	2790	2870	2970	
	450	3730	3870	4040	3130	3220	3340	
64 x 0.5	400	3900	4050	4240	3270	3380	3500	
	300	4310	4500	4730	3640	3770	3930	
	600	3670	3770	3900	3100	3170	3260	
64.075	450	4080	4220	4380	3450	3540	3650	
64 x 0.75	400	4260	4410	4580	3610	3710	3820	
	300	4690	4870	5080	4000	4120	4260	
	600	4090	4190	4310	3480	3550	3630	
C 4 445	450	4540	4660	4810	3870	3950	4050	
64 x 1.15	400	4720	4860	5020	4030	4120	4230	
	300	5190	5350	5550	4450	4560	4700	
	600	3970	4100	4260	3330	3410	3520	
76 0 55	450	4430	4600	4790	3720	3830	3960	
76 x 0.55	400	4620	4800	5010	3890	4010	4150	
	300	5070	5290 (0.7)	5550 (0.7)	4300	4460	4640	
	600	4310	4430	4570	3640	3720	3810	
76 075	450	4780	4940	5120	4050	4150	4280	
76 x 0.75	400	4980	5150	5350	4220	4340	4470	
	300	5450	5660	5900	4660	4800	4970	
	600	4750	4870	5000	4040	4120	4210	
76 445	450	5250	5400	5570	4480	4580	4690	
76 x 1.15	400	5460	5620	5810	4660	4770	4900	
	300	5970	6160	6390	5130	5260	5420	
	600	4740	4900	4950	3970	4070	4190	
	450	5250 (0.7)	5460 (0.7)	5690 (0.7)	4420	4560	4720	
92 x 0.55	400	5460 (0.7)	5680 (0.7)	5940 (0.7)	4610	4760	4940	
	300	5950 (0.7)	6210 (0.7)	6520 (0.7)	5060	5250 (0.7)	5470 (0.	
	600	5060	5220	5390	4270	4370	4480	
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	450	5590	5780	6010	4740	4870	5020	
92 x 0.75	400	5800	6010	6260	4930	5080	5250	
	300	6320	6560	6860	5410	5590	5800	
	600	5590	5740	5910	4760	4850	4960	
92 x 1.15	450	6150	6330	6550	5260	5380	5530	
	400	6380	6580	6810	5460	5600	5760	
	300	6940	7170	7370	5980	6140	6340	
	600	7580	7580	7580	6600	6800	7030	
	450	8060 (1.15)	8280 (1.15)	8540 (1.15)	7200	7380	7570	
150 x 0.75	400	8240 (1.15)	8480 (1.15)	8740 (1.15)	7380	7560	7770	
	300	8700 (1.15)	8940 (1.15)	9230 (1.15)	7800	7990	8240 (1.1	
	600	8100	8280	8470	7230	7370	7520	
	450	8600	8790	9020	7700	7860	8040	
150 x 1.15	400	8800	9010	9240	7900	8060	8250	
	300	9310	9520	9770	8370	8550	8750	

#### **Nogging Table**

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 8800	1
8800 - 9770	2

2.

#### **Concrete Anchor Table**

Wall Height (mm)	Anchor
0 - 9770	SA6x45
1 0 1 00 110	· · NI I

Concrete 20 MPa minimum. No edge / spacing effects. 2. Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat.

3. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

4. Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).

5. Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.

Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion 6. protection. Maximum production lengths available are 7.2m Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

7.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions. 8.

Serviceability wind pressure taken as 65% of ultimate, and serviceability deflection limited to either 9. height/240 or height/360.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

11. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.



#### Table 3 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full height on both sides				BCA Building tance Level 3		ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa)	0.54 0.35
Stud Depth Maximum and BMT Stud Centres		Deflection limited to H/240 or 30mm max		Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall linin			
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	2370	2450	2560	2010	2070	2160
	450	2660	2750	2860	2250	2310	2400
51 x 0.5	400	2780	2880	3000	2350	2420	2510
	300	3100	3220	3360	2620	2700	2800
	600	2850	2850	2850	2420	2480	2560
	450	3220	3320	3450	2710	2780	2870
64 x 0.5	400	3370	3480	3620	2840	2910	3010
	300	3660	3880 (0.7)	4050 (0.7)	3160	3260	3370
	600	3190	3260	3360	2700	2760	2820
	450	3550	3650	3760	3010	3080	3160
64 x 0.75	400	3710	3820	3940	3150	3220	3300
	300	4110	4240	4390	3500	3580	3690
	600	3580	3650	3730	3050	3100	3160
	450	3970	4060	4170	3390	3450	3520
64 x 1.15	400	4140	4000	4360	3540	3600	3680
	300	4570	4690	4830	3910	4000	4100
	600	3430	3520	3580	2890	2950	3030
	450	3830 (0.7)	3950 (0.7)	4090 (0.7)	3230	3310	3400
76 x 0.55	400	4010 (0.7)	4140 (0.7)	4290 (0.7)	3380	3460	3570
	300	4430 (0.7)			3660	3860 (0.7)	3990 (0.
	600	3740	4590 (0.7) 3830	4780 (0.7) 3930	3170	3230	3300
	450	4170	4280	4410	3530	3610	3690
76 x 0.75	400	4340	4470	4610	3690	3770	3870
	300	4780	4940	5120	4080	4190	4310
	600	4150	4940	4330	3540	3590	3660
	450	4600	4710	4330	3930	4000	4080
76 x 1.15	400	4790	4910	5050	4100	4000	4080
	300						
	600	5260 3580	5410 3580	5580 3580	4520 3430	4620	4730
	450	4550 (0.7)	4700 (0.7)	4770 (0.7)	3840 (0.7)	3510 3930 (0.7)	3580 4040 (0.
92 x 0.55	400						
	300	4740 (0.7)	4910 (0.7)	5090 (0.7)	4010 (0.7)	4110 (0.7)	4240 (0.
		5210 (0.7)	5410 (0.7)	5640 (0.7)	4430 (0.7)	4560 (0.7)	4720 (0.
	600	4390	4500	4620	3710 4130	3780	3860
92 x 0.75	450	4870	5010	5180		4230	4330
	400	5070	5230	5410	4310	4410	4530
	300	5550	5740	5970 (1.15)	4750	4880	5030
92 x 1.15	600	4890	4990	5110 5690	4170	4230	4310
	450	5400	5530		4610	4700	4800
	400	5610	5760	5930	4800	4900	5020
	300	6130	6310	6510	5280	5400	5540
	600	5470	5470	5470	5470	5470	5470
150 x 0.75	450	7300 (1.15)	7300 (1.15)	7300 (1.15)	6320 (1.15)	6500 (1.15)	6710 (1.1
	400	7520 (1.15)	7710 (1.15)	7930 (1.15)	6550 (1.15)	6750 (1.15)	6980 (1.1
	300	7950 (1.15)	8160 (1.15)	8400 (1.15)	7110 (1.15)	7300 (1.15)	7490 (1.1
	600	7370	7520	7670	6360	6500	6650
150 x 1.15	450	7850	8010	8200	6970	7140	7300
	400	8040	8210	8410	7210	7350	7500
	300	8530	8710	8920	7660	7810	7980

#### **Nogging Table**

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 8800	1
8800 - 8920	2

#### **Concrete Anchor Table**

	Wall Height (mm)	Anchor	
	0 - 8920	SA6x45	
1	Concrete 20 MPa m	inimum No edoa	/ sn

Jm. No edge / spacing effects. a minir 2. Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

1. Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads 2.

and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required. 3.

Connections to base track and head track checked. Head track checked with a maximum 20mm overlap 4.

length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).

5. Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.

Table refers to Siniat steel study of grade G300 steel with Zincalume™ AM150 or AM125 corrosion 6. protection. Maximum production lengths available are 7.2m Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

7.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions. 8.

Serviceability wind pressure taken as 65% of ultimate, and serviceability deflection limited to either 9. height/240 or height/360.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

11. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.

# Table 4 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full				BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	0.70	
height on	both sides	Importance Level 3			Serviceability pressure W <sub>S</sub> (kPa)		0.45	
Stud Depth Maximum and BMT Stud Centre			Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining			Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall lini		
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm	
	600	2140	2210	2270	1820	1870	1950	
F1 O F	450	2390	2460	2560	2030	2080	2160	
51 x 0.5	400	2500	2580	2680	2120	2180	2250	
	300	2790	2820	3000 (0.7)	2370	2430	2510	
	600	2200	2200	2200	2190	2200	2200	
64 × 0 F	450	2890 (0.7)	2930 (0.7)	2930 (0.7)	2440	2500	2570	
64 x 0.5	400	3030 (0.7)	3110 (0.7)	3220 (0.7)	2560	2620	2690	
	300	3370 (0.7)	3480 (0.7)	3610 (0.7)	2850 (0.7)	2930 (0.7)	3010 (0.	
	600	2880	2940	3010	2450	2490	2550	
	450	3210	3280	3370	2730	2780	2840	
64 x 0.75	400	3350	3430	3530	2850	2900	2970	
	300	3720	3820	3940	3170	3240	3320	
	600	3240	3300	3370	2770	2810	2860	
C 4 11E	450	3600	3670	3750	3080	3130	3180	
64 x 1.15	400	3760	3830	3920	3210	3270	3330	
	300	4150	4250	4360	3560	3620	3700	
	600	2760	2760	2760	2600	2650	2710	
76 0 55	450	3450 (0.7)	3540 (0.7)	3640 (0.7)	2910 (0.7)	2970 (0.7)	3040 (0	
76 x 0.55	400	3600 (0.7)	3700 (0.7)	3820 (0.7)	3040 (0.7)	3110 (0.7)	3190 (0	
	300	3990 (0.7)	4120 (0.7)	4270 (0.7)	3390 (0.7)	3470 (0.7)	3570 (0	
	600	3370	3440	3520	2870	2910	2970	
76 0 75	450	3760	3850	3950	3190	3250	3320	
76 x 0.75	400	3920	4020	4130	3340	3400	3480	
	300	4330	4450	4600 (1.15)	3700	3780	3880	
	600	3760	3820	3900	3210	3250	3310	
76 115	450	4170	4250	4350	3570	3620	3680	
76 x 1.15	400	4350	4440	4550	3720	3780	3850	
	300	4790	4900	5040	4110	4190	4280	
	600	2760	2760	2760	2760	2760	2760	
00.0055	450	3680 (0.7)	3680 (0.7)	3680 (0.7)	3450 (0.7)	3530 (0.7)	3610 (0	
92 x 0.55	400	4140 (0.7)	4140 (0.7)	4140 (0.7)	3610 (0.7)	3690 (0.7)	3790 (0	
	300	4450 (0.7)	4450 (0.7)	4450 (0.7)	4000 (0.7)	4110 (0.7)	4230 (0	
	600	3960	4040	4130	3350	3410	3470	
92 x 0.75	450	4400	4450	4630 (1.15)	3730	3810	3890	
92 X 0.75	400	4580 (1.15)	4710 (1.15)	4850 (1.15)	3900	3980	4070	
	300	5040 (1.15)	5190 (1.15)	5370 (1.15)	4310	4410	4530 (1.	
	600	4430	4510	4590	3780	3830	3890	
02 v 11E	450	4900	5000	5120	4190	4260	4330	
92 x 1.15	400	5100	5210	5340	4360	4440	4530	
	300	5590	5730	5900	4800	4900	5020	
	600	4220	4220	4220	4220	4220	4220	
150 x 0 75	450	5630 (1.15)	5630 (1.15)	5630 (1.15)	5630 (1.15)	5630 (1.15)	5630 (1.1	
150 x 0.75	400	6330 (1.15)	6330 (1.15)	6330 (1.15)	5940 (1.15)	6100 (1.15)	6280 (1.1	
	300	7430 (1.15)	7620 (1.15)	7830 (1.15)	6470 (1.15)	6670 (1.15)	6890 (1.	
	600	6750	6920	7100	5770	5880	5990	
150 115	450	7330	7470	7630	6340	6480	6630	
150 x 1.15	400	7520	7670	7830	6580	6730	6900	
	300	7980	8140	8330	7160	7300	7450	

#### Nogging Table

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 8330	1

#### Concrete Anchor Table

Wall Height (mm)	Anchor	
0 - 8330	SA6x45	

Concrete 20 MPa minimum. No edge / spacing effects.

 Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

Trom track ends.
 150mm studs require 2 anchors across width.

 Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.
 Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat.

 Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

Connections to base track and head track checked. Head track checked with a maximum 20mm overlap

length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads

during an earthquake. Specific project information is required.
6. Table refers to Siniat steel studs of grade G300 steel with Zincalume<sup>™</sup> AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m

protection. Maximum production lengths available are 7.2m 7. Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

Besigned in accordance with AS/NZS 4000:2018 Cold Pointed Steel Structure:
 8. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.

 Serviceability wind pressure taken as 65% of ultimate, and serviceability deflection limited to either height/240 or height/360.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

11. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.

Technical Advice 1300 724 505 siniat.com.au



#### Table 5 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full height on both sides				BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	0.59
		Importance Level 3		Serviceability pressure W <sub>S</sub> (kPa)		0.25	
Stud Depth Maximum and BMT Stud Centres		Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall lin			
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	2690	2690	2690	2310	2380	2490
	450	3070	3190	3340	2580	2670	2780
51 x 0.5	400	3210	3310	3510 (0.7)	2700	2790	2910
	300	3350	3730 (0.7)	3930 (0.7)	3010	3120	3260
	600	2610	2610	2610	2610	2610	2610
64.05	450	3480 (0.7)	3480 (0.7)	3480 (0.7)	3130	3220	3340
64 x 0.5	400	3900 (0.7)	3910 (0.7)	3910 (0.7)	3270	3380 (0.7)	3500 (0
	300	4310 (0.7)	4500 (0.7)	4730 (0.7)	3640 (0.7)	3770 (0.7)	3930 (0
	600	3670	3770	3900	3100	3170	3260
64.075	450	4080	4220	4380	3450	3540	3650
64 x 0.75	400	4260	4410	4580	3610	3710	3820
	300	4690	4870	5080	4000	4120	4260
	600	4090	4190	4310	3480	3550	3630
C 4 445	450	4540	4660	4810	3870	3950	4050
64 x 1.15	400	4720	4860	5020	4030	4120	4230
	300	5190	5350	5550	4450	4560	4700
	600	3070	3070	3070	3070	3070	3070
	450	4100 (0.7)	4100 (0.7)	4100 (0.7)	3720 (0.7)	3830 (0.7)	3960 (0
76 x 0.55	400	4610 (0.7)	4610 (0.7)	4610 (0.7)	3890 (0.7)	4010 (0.7)	4150 (0
	300	5070 (0.7)	5290 (1.15)	5550 (1.15)	4300 (0.7)	4460 (0.7)	4640 (0
	600	4310	4430	4570	3640	3720	3810
	450	4780	4940	5120	4050	4150	4280
76 x 0.75	400	4980	5150	5280	4220	4340	4470
	300	5450 (1.15)	5660 (1.15)	5900 (1.15)	4660	4800	4970
	600	4750	4870	5000	4040	4120	4210
	450	5250	5400	5570	4480	4580	4690
76 x 1.15	400	5460	5620	5810	46 <mark>60</mark>	4770	4900
	300	5970	6160	6390	5130	5260	5420
	600	3120	3120	3120	3120	3120	3120
	450	4160 (0.7)	4160 (0.7)	4160 (0.7)	4160 (0.7)	4160 (0.7)	4160 (0
92 x 0.55	400	4680 (0.7)	4680 (0.7)	4680 (0.7)	4610 (0.7)	4680 (0.7)	4680 (0
	300	5280 (0.7)	5280 (0.7)	5280 (0.7)	5060 (0.7)	5250 (0.7)	5280 (0
	600	5060	5220	5390 (1.15)	4270	4370	4480
	450	5590 (1.15)	5780 (1.15)	6010 (1.15)	4740	4870	5020
92 x 0.75	400	5800 (1.15)	6010 (1.15)	6260 (1.15)	4930	5080	5250
	300	6320 (1.15)	6560 (1.15)	6860 (1.15)	5410 (1.15)	5590 (1.15)	5800 (1.
	600	5590	5740	5910	4760	4850	4960
92 x 1.15	450	6150	6330	6550	5260	5380	5530
	400	6380	6580	6810	5460	5600	5760
	300	6940	7170	7370	5980	6140	6340
	600	5010	5010	5010	5010	5010	5010
	450	6680 (1.15)	6680 (1.15)	6680 (1.15)	6680 (1.15)	6680 (1.15)	6680 (1.
150 x 0.75	400	7510 (1.15)	7510 (1.15)	7510 (1.15)	7380 (1.15)	7510 (1.15)	7510 (1.1
	300	8700 (1.15)	8940 (1.15)	9230 (1.15)	7800 (1.15)	8010 (1.15)	8240 (1.)
	600	8100	8280	8470	7230	7370	7520
	450	8600	8790	9020	7700	7860	8040
150 x 1.15	400	8800	9010	9240	7900	8060	8250
	300	9310	9520	9770	8370	8550	8750

#### **Nogging Table**

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 8800	1
8800 - 9770	2

1

2.

3.

#### **Concrete Anchor Table**

	Wall Height (mm)	Anchor	
	0 - 9770	SA6x45	
1	Concrete 20 MPa minimum No edge / so		

 Concrete 20 MPa minimum. No edge / spacing effects.
 Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

 Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).

 Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.

Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.

Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads

and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat.

Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

6. Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m

7. Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

8. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.

 Serviceability wind pressure taken as 42% of ultimate, and serviceability deflection limited to either height/240 or height/360.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

11. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.

## Table 6 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

	alls lined full both sides			o BCA Building ortance Level <mark>3</mark>	· · ·	ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa)	0.83 0.35
Stud Depth and BMT	Maximum Stud Centres		nited to H/240 plasterboard v	) or 30mm max vall lining		nited to H/360, o r untiled fibre cer	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	1910	1910	1910	1910	1910	1910
51 x 0.5	450	2550 (0.7)	2550 (0.7)	2550 (0.7)	2250	2310	2400 (0.7
51 X 0.5	400	2780 (0.7)	2870 (0.7)	2870 (0.7)	2350 (0.7)	2420 (0.7)	2510 (0.7)
	300	3100 (0.7)	3220 (0.7)	3360 (0.7)	2620 (0.7)	2700 (0.7)	2800 (0.7
	600	1850	1850	1850	1850	1850	1850
64 x 0,5	450	2470 (0.7)	2470 (0.7)	2470 (0.7)	2470 (0.7)	2470 (0.7)	2470 (0.7
04 X 0.5	400	2780 (0.7)	2780 (0.7)	2780 (0.7)	2780 (0.7)	2780 (0.7)	2780 (0.7
	300	3710 (0.7)	3710 (0.7)	3710 (0.7)	3160 (0.7)	3260 (0.7)	3370 (0.7
	600	3190	3260	3360	2700	2760	2820
64 x 0.75	450	3550	3650	3760 (1.15)	3010	3080	3160
04 X 0.75	400	3710	3820 (1.15)	3940 (1.15)	3150	3220	3300
	300	4110 (1.15)	4240 (1.15)	4390 (1.15)	3500	3580	3690
	600	3580	3650	3730	3050	3100	3160
64 x 1.15	450	3970	4060	4170	3390	3450	3520
04 X 1.15	400	4140	4240	4360	3540	3600	3680
	300	4570	4690	4830	3910	4000	4100
	600	2180	2180	2180	2180	2180	2180
	450	2910 (0.7)	2910 (0.7)	2910 (0.7)	2910 (0.7)	2910 (0.7)	2910 (0.7
76 x 0.55	400	3280 (0.7)	3280 (0.7)	3280 (0.7)	3280 (0.7)	3280 (0.7)	3280 (0.7
	300	4370 (1.15)	4370 (1.15)	4370 (1.15)	3750 (1.15)	3860 (1.15)	3990 (1.1
	600	3740	3830 (1.15)	3930 (1.15)	3 <mark>170</mark>	3230	3300
76 4 0 75	450	4170 (1.15)	4280 (1.15)	4410 (1.15)	3530	3610	3690
76 x 0.75	400	4340 (1.15)	4470 (1.15)	4610 (1.15)	3690	3770 (1.15)	3870 (1.15
	300	4780 (1.15)	4940 (1.15)	5120 (1.15)	4080 (1.15)	4190 (1.15)	4310 (1.15
	600	4150	4230	4330	3540	3590	3660
76 × 115	450	4600	4710	4830	39 <mark>30</mark>	4000	4080
76 x 1.15	400	4790	4910	5050	41 <mark>00</mark>	4170	4270
	300	5260	5410	5580	4520	4620	4730
	600	2220	2220	2220	2220	2220	2220
020 55	450	2960 (0.7)	2960 (0.7)	2960 (0.7)	2960 (0.7)	2960 (0.7)	2960 (0.7
92 x 0.55	400	3330 (0.7)	3330 (0.7)	3330 (0.7)	3330 (0.7)	3330 (0.7)	3330 (0.7
	300	4440 (1.15)	4440 (1.15)	4440 (1.15)	4430 (1.15)	4440 (1.15)	4440 (1.1
	600	3930 (1.15)	3930 (1.15)	3930 (1.15)	3710	3780 (1.15)	3860 (1.1
00075	450	4870 (1.15)	5010 (1.15)	5180 (1.15)	4130 (1.15)	4230 (1.15)	4330 (1.1
92 x 0.75	400	5070 (1.15)	5230 (1.15)	5410 (1.15)	4310 (1.15)	4410 (1.15)	4530 (1.15
	300	5550 (1.15)	5740 (1.15)	5970 (1.15)	4750 (1.15)	4880 (1.15)	5030 (1.15
	600	4890	4990	5110	4170	4230	4310
92 x 1.15	450	5400	5530	5690	4610	4700	4800
	400	5610	5760	5930	4800	4900	5020
	300	6130	6310	6510	5280	5400	5540
150 x 0.75	600	3560	3560	3560	3560	3560	3560
	450	4740 (1.15)	4740 (1.15)	4740 (1.15)	4740 (1.15)	4740 (1.15)	4740 (1.1
	400	5340 (1.15)	5340 (1.15)	5340 (1.15)	5340 (1.15)	5340 (1.15)	5340 (1.1
	300	7120 (1.15)	7120 (1.15)	7120 (1.15)	7110 (1.15)	7120 (1.15)	7120 (1.15
	600	6210	6210	6210	6210	6210	6210
150	450	7850	8010	8200	6970	7140	7300
150 x 1.15	400	8040	8210	8410	7210	7350	7500
	300	8530	8710	8920	7660	7810	7980

### Nogging Table

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 8800	1
8800 - 8920	2

### **Concrete Anchor Table**

	Wall Height (mm)	Anchor	
	0 - 8920	SA6x45	]
1	Concrete 20 MDa m	inimum No odor	- / -

 Concrete 20 MPa minimum. No edge / spacing effects.
 Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

 Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.
 Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat.

 Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

 Connections to base track and head track checked. Head track checked with a maximum 20mm overlap locate of the studies [1] Targly (may 1) and the studies of t

length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).
 Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.

 Table refers to Shiat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m

7. Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

8. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.

 Serviceability wind pressure taken as 42% of ultimate, and serviceability deflection limited to either height/240 or height/360.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.



## Table 7 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B

Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud w	alls lined full			BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	1.07
height on both sides			Importance Level 3		Serviceability pr	ressure W <sub>S</sub> (kPa)	0.45
Stud Depth and BMT	Maximum Stud Centres	Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm ma Any tiled wall, or untiled fibre cement wall lim			
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	1480	1480	1480	1480	1480	1480
	450	1980 (0.7)	1980 (0.7)	1980 (0.7)	1980 (0.7)	1980 (0.7)	1980 (0.
51 x 0.5	400	2220 (0.7)	2220 (0.7)	2220 (0.7)	2120 (0.7)	2180 (0.7)	2220 (0.
	300	2790 (0.7)	2890 (0.7)	2970 (1.15)	2370 (0.7)	2430 (0.7)	2510 (0.
	600	1430	1430	1430	1430	1430	1430
64.05	450	1910 (0.7)	1910 (0.7)	1910 (0.7)	1910 (0.7)	1910 (0.7)	1910 (0.
64 x 0.5	400	2150 (0.7)	2150 (0.7)	2150 (0.7)	2150 (0.7)	2150 (0.7)	2150 (0.
	300	2870 (0.7)	2870 (0.7)	2870 (0.7)	2850 (0.7)	2870 (0.7)	2870 (0
	600	2880	2940 (1.15)	3010 (1.15)	2450	2490	2550
C 4 O 75	450	3210 (1.15)	3280 (1.15)	3370 (1.15)	2730	2780	2840
64 x 0.75	400	3350 (1.15)	3430 (1.15)	3530 (1.15)	2850	2900 (1.15)	2970 (1.1
	300	3720 (1.15)	3820 (1.15)	3940 (1.15)	3170 (1.15)	3240 (1.15)	3320 (1.1
	600	3240	3300	3370	2770	2810	2860
C 4 445	450	3600	3670	3750	3080	3130	3180
64 x 1.15	400	3760	3830	3920	3210	3270	3330
	300	4150	4250	4360	3560	3620	3700
	600	1690	1690	1690	1690	1690	1690
	450	2260 (0.7)	2260 (0.7)	2260 (0.7)	2260 (0.7)	2260 (0.7)	2260 (0
76 x 0.55	400	2540 (0.7)	2540 (0.7)	2540 (0.7)	2540 (0.7)	2540 (0.7)	2540 (0
	300	3390 (1.15)	3390 (1.15)	3390 (1.15)	3390 (1.15)	3390 (1.15)	3390 (1.
	600	3050 (1.15)	3050 (1.15)	3050 (1.15)	2870	2910 (1.15)	2970 (1.1
	450	3760 (1.15)	3850 (1.15)	3950 (1.15)	3190 (1.15)	3250 (1.15)	3320 (1.1
76 x 0.75	400	3920 (1.15)	4020 (1.15)	4130 (1.15)	3340 (1.15)	3400 (1.15)	3480 (1.
	300	4330 (1.15)	4460 (1.15)	4600 (1.15)	3700 (1.15)	3780 (1.15)	3880 (1.
	600	3760	3820	3900	3210	3250	3310
	450	4170	4250	4350	3570	3620	3680
76 x 1.15	400	4350	4440	4550	3720	3780	3850
	300	4790	4900	5040	4110	4190	4280
	600	1720	1720	1720	1720	1720	1720
~~ ~	450	2290 (0.7)	2290 (0.7)	2290 (0.7)	2290 (0.7)	2290 (0.7)	2290 (0
92 x 0.55	400	2580 (0.7)	2580 (0.7)	2580 (0.7)	2580 (0.7)	2580 (0.7)	2580 (0
	300	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.
	600	3050 (1.15)	3050 (1.15)	3050 (1.15)	3050 (1.15)	3050 (1.15)	3050 (1.
00 075	450	4070 (1.15)	4070 (1.15)	4070 (1.15)	3730 (1.15)	3810 (1.15)	3890 (1.
92 x 0.75	400	4570 (1.15)	4570 (1.15)	4570 (1.15)	3900 (1.15)	3980 (1.15)	4070 (1.
	300	5040 (1.15)	5190 (1.15)	5370 (1.15)	4310 (1.15)	4410 (1.15)	4530 (1.
	600	4430	4510	4590	3780	3830	3890
00 445	450	4900	5000	5120	4190	4260	4330
92 x 1.15	400	5100	5210	5340	4360	4440	4530
	300	5590	5730	5900	4800	4900	5020
150 x 0.75	600	2760	2760	2760	2760	2760	2760
	450	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.
	400	4140 (1.15)	4140 (1.15)	4140 (1.15)	4140 (1.15)	4140 (1.15)	4140 (1.1
	300	5520 (1.15)	5520 (1.15)	5520 (1.15)	5520 (1.15)	5520 (1.15)	5520 (1.1
	600	4820	4820	4820	4820	4820	4820
	450	6420	6420	6420	6340	6420	6420
150 x 1.15	400	7230	7230	7230	6580	6730	6900
	300	7250	7250	7250	7160	7250	7250

### **Nogging Table**

Wall Height (mm)	No. of Noggings evenly spaced
0 - 4400	0
4400 - 7250	1

#### **Concrete Anchor Table**

Wall Height (mm)	Anchor
0 - 7250	SA6x60

1. Concrete 20 MPa minimum. No edge / spacing effects.

2. Anchors at maximum 1.5 x stud spacing up to

600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls. 1 2. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat.

3. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

4.

Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).

Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required. 5.

Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion 6. protection. Maximum production lengths available are 7.2m

7. Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

8. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.

Serviceability wind pressure taken as 42% of ultimate, and serviceability deflection limited to either height/240 or height/360. 9.

10. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

11. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.

#### Table 8 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project

Steel stud walls lined full			Up to BCA Building		Ultimate pres	ssure W <sub>U</sub> (kPa)	0.39
height on one side only			Importance Level 3		Serviceability pr	Serviceability pressure W <sub>S</sub> (kPa)	
Stud Depth and BMT	Maximum Stud Centres	Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining			Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall linir		
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	2480	2520	2580	2130	2170	2220
51 x 0.5	450	2750	2800	2860	2360	2400	2450
	400	2860	2920	2980	2460	2500	2550
	300	3170	3230	3300	2730	2770	2830
	600	2960	2990	2990	2540	2580	2620
64.05	450	3280	3330	3390	2820	2860	2900
64 x 0.5	400	3420	3470	3540	2940	2980	3030
	300	3780	3840	3920	3250	3300	3360
	600	3330	3370	3420	2870	2900	2940
64.075	450	3690	3740	3800	3180	3210	3260
64 x 0.75	400	3840	3900	3960	3310	3350	3400
	300	4240	4300	4380	3660	3710	3760
	600	3790	3830	3880	3270	3300	3340
C 4 445	450	4190	4240	4290	3620	3650	3690
64 x 1.15	400	4360	4410	4470	3770	3810	3850
	300	4800	4860	4940	4160	4200	4260
	600	3490	3490	3490	3010	3040	3080
	450	3870	3930	3990	3330	3370	3420
76 x 0.55	400	4030	4090	4160	3470	3520	3570
	300	4450	4520 (0.7)	4600 (0.7)	3840	3890	3950
	600	3880	3930	3980	3350	3380	3420
76 x 0.75	450	4290	4350	4410	3700	3740	3790
	400	4470	4530	4600	3860	3900	3950
	300	4920	4990	5080	4250	4310	4370
	600	4370	4420	4470	3780	3810	3840
	450	4820	4880	4950	4170	4210	4260
76 x 1.15	400	5020	5080	5150	4340	4380	4430
	300	5510	5590	5680	4780	4830	4900
	600	4050	4050	4050	3540	3580	3620
	450	4560 (0.7)	4560 (0.7)	4560 (0.7)	3920	3970	4020
92 x 0.55	400	4750 (0.7)	4780 (0.7)	4780 (0.7)	4090	4140	4200
	300	5220 (0.7)	5310 (0.7)	5320 (0.7)	4500 (0.7)	4570 (0.7)	4640 (0.7
	600	4500	4560	4610	3880	3910	3960
	450	4970	5040	5110	4290	4330	4390
92 x 0.75	400	5170	5240	5330	4460	4520	4570
	300	5680	5770	5870	4910	4980	5050
	600	5110	5160	5220	4410	4450	4490
92 x 1.15	450	5630	5700	5770	4870	4910	4970
	400	5850	5920	6010	5060	5120	5180
	300	6410	6500	6610	5560	5630	5700
150 x 0.75	600	5680	5680	5680	5680	5680	5680
	450	6600	6600	6600	6430	6520	6600
	400	6860	6860	6860	6680	6770	6860
	300	7490 (1.15)	7490 (1.15)	7490 (1.15)	7270 (1.15)	7350 (1.15)	7440 (1.1
	600	7340	7340	7340	6610	6680	6760
	450	8050	8130	8220	7240	7310	7380
150 x 1.15	400	8270	8350	8450	7450	7510	7590
	300	8830	8920	9020	7960	8030	8120

Nogging Table

Soffit Nogging

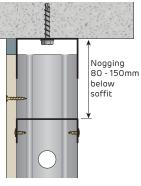


## **Concrete Anchor Table**

	Wall Height (mm)	Anchor				
	0 - 9020	SA6x45				
1.	. Concrete 20 MPa minimum. No edge / spacing effects					
2.	. Anchors at maximum 1.5 x stud spacing up to					
	600mm maximum, and also 100mm maximum					

m from track ends.

3. 150mm studs require 2 anchors across width.



1. Stud frames lined on one side only (including double stud walls) must have an additional soft non-similar and the soft of the soft 2.

Not for external walls. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. 3. Point loads and other loads such as shelf loads or live loads are not considered. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track

4. BMT is stated in brackets next to wall height if a different BMT compared to the stud is required. Connections to base track and head track checked. Head track checked with a maximum 5.

20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection). Screw fix base track to both sides of stud.

Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.
 Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m

Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
 Serviceability taken as 65% of ultimate, deflection limited to either height/240 or height/360.

11. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

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#### Table 9 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

#### Nogging Table

#### Wall Height No. of Noggings evenly spaced (mm) 0 - 3000 1 plus soffit nogging 3000 - 6000 2 plus soffit nogging 3 plus soffit nogging 6000 - 8000 8000 - 8600 4 plus soffit nogging

## Concrete Anchor Table

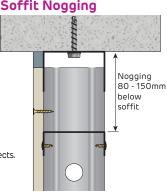
Wall Height	Acchos
(mm)	Anchor

0 - 8600 SA6x45

Concrete 20 MPa minimum. No edge / spacing effects. 1. 2. Anchors at maximum 1.5 x stud spacing up to

600mm maximum, and also 100mm maximum from track ends

3. 150mm studs require 2 anchors across width.



1. Stud frames lined on one side only (including double stud walls) must have an additional soffit nogging installed 80-150mm as shown, unless using a slotted deflection head track 2. Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.

3. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track 4.

BMT is stated in brackets next to wall height if a different BMT compared to the stud is required. Connections to base track and head track checked. Head track checked with a maximum 5.

20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection). Screw fix base track to both sides of stud Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required. 6.

Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m

Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures. 8.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
 Serviceability taken as 65% of ultimate, deflection limited to either height/240 or height/360.

11. The nominated lateral pressures and deflection limits must be checked for suitability

for a specific project.

#### Table 10 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud w	alls lined full		Up to	BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	0.54
height on one side only			Importance Level 3		Serviceability pressure W <sub>S</sub> (kPa)		0.35
Stud Depth and BMT	Maximum Stud Centres	Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall lini			
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	2190	2220	2250	1890	1920	1960
	450	2420	2460	2510	2090	2120	2160
51 x 0.5	400	2530	2570	2620	2180	2210	2250
	300	2800	2840	2900	2410	2440	2490
	600	2540	2540	2540	2250	2270	2310
64.05	450	2890	2930	2940	2490	2520	2560
64 x 0.5	400	3020	3060	3110	2600	2630	2670
	300	3340 (0.7)	3390 (0.7)	3450 (0.7)	2880	2910	2950
	600	2940	2980	3020	2540	2560	2600
	450	3260	3300	3340	2810	2840	2870
64 x 0.75	400	3400	3440	3490	2930	2960	3000
	300	3750	3800	3860	3240	3270	3320
	600	3360	3390	3420	2900	2920	2950
	450	3710	3750	3790	3210	3230	3270
64 x 1.15	400	3860	3900	3950	3340	3370	3400
	300	4260	4310	4370	3690	3720	3760
	600	2960	2960	2960	2660	2680	2720
	450	3420 (0.7)	3420 (0.7)	3420 (0.7)	2950	2980	3010
76 x 0.55	400	3560 (0.7)	3610 (0.7)	3630 (0.7)	3070	3100	3140
	300 600	3930 (0.7)	3990 (0.7)	4050 (0.7) 3510	3400 (0.7)	3430 (0.7)	3480 (0.
		3430	3470		2960	2980	3010
76 x 0.75	450	3800	3840	3890	3280	3310	3340
	400	3950	4000	4050	3410	3450	3480
	300	4360	4420	4480	3770	3810	3860
	600	3870	3900	3940	3350	3370	3400
76 x 1.15	450	4280	4320	4360	3700	3730	3760
	400	4450	4500	4550	3850	3880	3920
	300	4900	4960	5020	4240	4280	4330
	600	3390 (1.15)	3390 (1.15)	3390 (1.15)	3130	3160	3190
92 x 0.55	450	3980 (1.15)	3980 (1.15)	3980 (1.15)	3470 (0.7)	3500 (0.7)	3540 (0.
	400	4190 (1.15)	4190 (1.15)	4190 (1.15)	3610 (0.7)	3650 (0.7)	3690 (0.
	300	4620 (1.15)	4690 (1.15)	4710 (1.15)	3990 (0.7)	4040 (0.7)	4090 (0
	600	3980	4020	4060	3430	3450	3490
92 x 0.75	450	4400	4450	4500	3790	3830	3870
JE X ON J	400	4580	4630	4690	3950	3990	4030
	300	5030	5100	5180	4350	4400	4460
	600	4520	4560	4610	3910	3930	3960
92 x 1.15	450	4990	5040	5100	4320	4350	4390
	400	5190	5250	5310	4490	4530	4570
	300	5700	5770	5850	4940	4990	5050
150 x 0.75	600	5060	5060	5060	5060	5060	5060
	450	5610 (1.15)	5610 (1.15)	5610 (1.15)	5610 (1.15)	5610 (1.15)	5610 (1.1
	400	6130 (1.15)	6130 (1.15)	6130 (1.15)	5830 (1.15)	5830 (1.15)	6070 (1.1
	300	6770 (1.15)	6770 (1.15)	6770 (1.15)	6490 (1.15)	6580 (1.15)	6670 (1.1
	600	6730	6730	6730	5860	5910	5970
150 y 115	450	7270	7270	7270	6450	6510	6590
150 x 1.15	400	7490	7490	7490	6700	6770	6850
	300	8060	8060	8060	7300	7360	7430

Nogging Table

Soffit Nogging

Wall Height<br/>(mm)No. of Noggings evenly<br/>spaced0 - 30001 plus soffit nogging3000 - 60002 plus soffit nogging6000 - 80603 plus soffit nogging

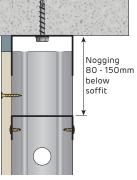
## Concrete Anchor Table

Wall Height	0

	(mm)	Anchor
Г	0 - 8060	SA6x45
1	Casacata 20 MDa m	inimum Na ada

 Concrete 20 MPa minimum. No edge / spacing effects.
 Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.



 Stud frames lined on one side only (including double stud walls) must have an additional soffit nogging installed 80-150mm as shown, unless using a slotted deflection head track.
 Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.

 Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered.
 Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track

 Base and nead track must be similar base Nietal Inickness (B/NI) as the stud. Ine head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.
 Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection). Screw fix base track to both sides of stud.

upwards overhead soffit deflection). Screw fix base track to both sides of stud. 6. Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required.

imposed ceiling loads during an earthquake. Specific project information is required. 7. Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 72m

AW125 Conditions protection invasimining production rengins available are 7211 8. Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
 Serviceability taken as 65% of ultimate, deflection limited to either height/240 or height/360.

 Serviceability taken as 65% of ultimate, deflection limited to either height/240 or height/360
 The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

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# Table 11 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full			Up to BCA Building		Ultimate pres	ssure W <sub>U</sub> (kPa)	0.59
height on o	ne side only		Impor	tance Level <mark>3</mark>	Serviceability pr	ressure W <sub>S</sub> (kPa)	0.25
Stud Depth and BMT	Maximum Stud Centres		nited to H/240 plasterboard w			nited to H/360, o r untiled fibre cer	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	2150	2150	2150	2130	2150	2150
E1 v O E	450	2480	2480	2480	2360	2400	2450
51 x 0.5	400	2630	2630	2630	2460	2500	2550
	300	3040 (0.7)	3040 (0.7)	3040 (0.7)	2730	2770	2830
	600	2430	2430	2430	2430	2430	2430
64 x 0.5	450	2810	2810	2810	2810	2810	2810
04 X 0.5	400	2980 (0.7)	2980 (0.7)	2980 (0.7)	2940 (0.7)	2980 (0.7)	2980 (0
	300	3440 (0.7)	3440 (0.7)	3440 (0.7)	3250 (0.7)	3300 (0.7)	3360 (0
	600	3270	3270	3270	2870	2900	2940
64 x 0.75	450	3690	3740	3770	3180	3210	3260
04 X 0.75	400	3840	3900	3960	3310	3350	3400
	300	4240	4300	4380	3660	3710	3760
	600	3790	3830	3880	3270	3300	3340
C 4 11E	450	4190	4240	4290	3620	3650	3690
64 x 1.15	400	4360	4410	4470	3770	3810	3850
	300	4800	4860	4940	4160	4200	4260
	600	2830	2830	2830	2830	2830	2830
	450	3270 (0.7)	3270 (0.7)	3270 (0.7)	3270 (0.7)	3270 (0.7)	3270 (0
76 x 0.55	400	3470 (0.7)	3470 (0.7)	3470 (0.7)	3470 (0.7)	3470 (0.7)	3470 (0
	300	4010 (0.7)	4010 (0.7)	4010 (0.7)	3840 (0.7)	3890 (0.7)	3950 (0
	600	3680	3680	3680	3350	3380	3420
	450	4250	4250	4250	3700	3740	3790
76 x 0.75	400	4470	4510	4510	3860	3900	3950
	300	4920 (1.15)	4990 (1.15)	5080 (1.15)	4250	4310	4370
	600	4370	4420	4470	3780	3810	3840
	450	4820	4880	4950	4170	4210	4260
76 x 1.15	400	5020	5080	5150	4340	4380	4430
	300	5510	5590	5680	4780	4830	4900
	600	3100 (1.15)	3100 (1.15)	3100 (1.15)	3100 (1.15)	3100 (1.15)	3100 (1.
	450	3800 (1.15)	3800 (1.15)	3800 (1.15)	3800 (1.15)	3800 (1.15)	3800 (1.
92 x 0.55	400	4030 (1.15)	4030 (1.15)	4030 (1.15)	4030 (1.15)	4030 (1.15)	4030 (1.
	300	4540 (1.15)	4540 (1.15)	4540 (1.15)	4500 (1.15)	4540 (1.15)	4540 (1.
	600	4090	4090	4090	3880	3910	3960
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	450	4710	4710	4710	4290	4330	4390
92 x 0.75	400	4930 (1.15)	4930 (1.15)	4930 (1.15)	4460	4520	4570
	300	5440 (1.15)	5440 (1.15)	5440 (1.15)	4910 (1.15)	4980 (1.15)	5050 (1.
	600	5030	5030	5030	4410	4450	4490
~	450	5540	5540	5540	4870	4910	4970
92 x 1.15	400	5750	5750	5750	5060	5120	5180
	300	6410	6500	6610	5560	5630	5700
	600	4890 (1.15)	4890 (1.15)	4890 (1.15)	4890 (1.15)	4890 (1.15)	4890 (1.
	450	5440 (1.15)	5440 (1.15)	5440 (1.15)	5440 (1.15)	5440 (1.15)	5440 (1.
150 x 0.75	400	5660 (1.15)	5660 (1.15)	5660 (1.15)	5660 (1.15)	5660 (1.15)	5660 (1.
	300	6580 (1.15)	6580 (1.15)	6580 (1.15)	6580 (1.15)	6580 (1.15)	6580 (1.
	600	6560	6560	6560	6560	6560	6560
	450	7110	7110	7110	7110	7110	7110
150 x 1.15	400	7330	7330	7330	7330	7330	7330
	300	7880	7880	7880	7880	7880	7880

#### Nogging Table

Wall Height (mm)		No. of Noggings evenly spaced	1.0.1
ľ	0 - 3000	1 plus soffit nogging	
ſ	3000 - 6000	2 plus soffit nogging	
ſ	6000 - 7880	3 plus soffit nogaina	

#### **Concrete Anchor Table**

Wall Height	Anchor
1>	Allelioi

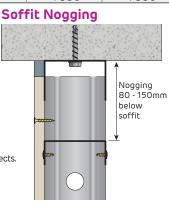
(mm)	
0 - 7880	SA6x45

1. Concrete 20 MPa minimum. No edge / spacing effects.

2. Anchors at maximum 1.5 x stud spacing up to

600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.



1. Stud frames lined on one side only (including double stud walls) must have an additional soffit nogging installed 80-150mm as shown, unless using a slotted deflection head track. Maximum wall heights based upon lateral pressures and the deflection limits stated. 2. Not for external walls.

3. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered. 4. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track

BMT is stated in brackets next to wall height if a different BMT compared to the stud is required. Connections to base track and head track checked. Head track checked with a maximum 5.

20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection). Screw fix base track to both sides of stud. 6.

Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required Table refers to Siniat steel studs of grade G300 steel with Zincalume<sup>™</sup> AM150 or AM125 corrosion protection. Maximum production lengths available are 7.2m 7.

Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
 Serviceability taken as 42% of ultimate, deflection limited to either height/240 or height/360.

The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

# Table 12 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud walls lined full			Up to BCA Building		Ultimate pressure W <sub>U</sub> (kPa)		0.71
height on o	ne side only		Impor	tance Level 3	Serviceability pr	ressure W <sub>S</sub> (kPa)	0.3
Stud Depth and BMT	Maximum Stud Centres		Deflection limited to H/240 or 30mm ma Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm Any tiled wall, or untiled fibre cement wa		
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	1960	1960	1960	1960	1960	1960
F1 O F	450	2260	2260	2260	2210	2240	2260
51 x 0.5	400	2400	2400	2400	2300	2340	2380
	300	2770 (0.7)	2770 (0.7)	2770 (0.7)	2550 (0.7)	2590 (0.7)	2640 (0
	600	2220	2220	2220	2220	2220	2220
CAN OF	450	2560 (0.7)	2560 (0.7)	2560 (0.7)	2560 (0.7)	2560 (0.7)	2560 (0
64 x 0.5	400	2720 (0.7)	2720 (0.7)	2720 (0.7)	2720 (0.7)	2720 (0.7)	2720 (0
	300	3140 (0.7)	3140 (0.7)	3140 (0.7)	3040 (0.7)	3080 (0.7)	3130 (0
	600	2980	2980	2980	2690	2710	2750
64.075	450	3440	3440	3440	2970	3000	3040
64 X 0.75	400	3590	3640	3650	3100	3130	3170
	300	3970	4020 (1.15)	4090 (1.15)	3420	3470	3510
	600	3550	3580	3620	3070	3090	3120
C 4 445	450	3920	3960	4010	3390	3420	3450
64 x 1.15	400	4080	4130	4180	3530	3560	3600
	300	4500	4550	4620	3890	3930	3980
	600	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.
	450	2980 (1.15)	2980 (1.15)	2980 (1.15)	2980 (1.15)	2980 (1.15)	2980 (1.
76 x 0.55	400	3160 (1.15)	3160 (1.15)	3160 (1.15)	3160 (1.15)	3160 (1.15)	3160 (1.
64 x 0.75 64 x 1.15 76 x 0.55 76 x 0.75 76 x 1.15 92 x 0.55	300	3660 (1.15)	3660 (1.15)	3660 (1.15)	3590 (1.15)	3640 (1.15)	3660 (1.
	600	3350	3350	3350	3130	3160	3190
	450	3870	3870	3870	3460	3500	3540
76 x 0.75	400	4110 (1.15)	4110 (1.15)	4110 (1.15)	3610	3650	3690
	300	4610 (1.15)	4670 (1.15)	4750 (1.15)	3980 (1.15)	4030 (1.15)	4080 (1.
	600	4090	4130	4170	3540	3560	3590
	450	4520	4570	4620	3910	3940	3980
76 x 1.15	400	4700	4760	4820	4070	4100	4150
	300	5170	5240	5310	4480	4530	4580
	600	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.15)	2580 (1.
	450	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.15)	3440 (1.
92 x 0.55	400	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.15)	3680 (1.
	300	4210 (1.15)	4210 (1.15)	4210 (1.15)	4210 (1.15)	4210 (1.15)	4210 (1.
	600	3720	3720	3720	3630	3660	3690
~~ ~ ~~	450	4300 (1.15)	4300 (1.15)	4300 (1.15)	4010 (1.15)	4050 (1.15)	4100 (1.
92 x 0.75	400	4560 (1.15)	4560 (1.15)	4560 (1.15)	4180 (1.15)	4220 (1.15)	4270 (1.
	300	5120 (1.15)	5120 (1.15)	5120 (1.15)	4600 (1.15)	4660 (1.15)	4720 (1.
	600	4710	4710	4710	4130	4160	4200
	450	5210	5210	5210	4560	4600	4650
92 x 1.15	400	5420	5420	5420	4740	4790	4840
	300	5930	5930	5930	5220	5280	5340
	600	4310 (1.15)	4310 (1.15)	4310 (1.15)	4310 (1.15)	4310 (1.15)	4310 (1.1
	450	5090 (1.15)	5090 (1.15)	5090 (1.15)	5090 (1.15)	5090 (1.15)	5090 (1.
150 x 0.75	400	5310 (1.15)	5310 (1.15)	5310 (1.15)	5310 (1.15)	5310 (1.15)	5310 (1.1
	300	6170 (1.15)	6170 (1.15)	6170 (1.15)	6170 (1.15)	6170 (1.15)	6170 (1.1
	600	6190	6190	6190	6190	6190	6190
	450	6760	6760	6760	6760	6760	6760
150 x 1.15	400	6980	6980	6980	6980	6980	6980
	300	7520	7520	7520	7520	7520	7520

**Nogging Table** 

Wall Height (mm)	No. of Noggings evenly spaced				
0 - 3000	1 plus soffit nogging				

3000 - 6000	2 plus soffit nogging
6000 - 7520	3 plus soffit nogging

## **Concrete Anchor Table**

Wall Height (mm)	Anchor

L	()	
ſ	0 - 7520	SA6x45
1	I. Concrete 20 MPa m	inimum.No edge

 Concrete 20 MPa minimum. No edge / spacing effects.
 Anchors at maximum 1.5 x stud spacing up to 600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.

Soffit Nogging

 Stud frames lined on one side only (including double stud walls) must have an additional soffit nogging installed 80-150mm as shown, unless using a slotted deflection head track.
 Maximum wall heights based upon lateral pressures and the deflection limits stated. Not for external walls.

 Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered.
 Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track

 Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.
 Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection). Screw fix base track to both sides of stud.

upwards overhead soffit deflection). Screw fix base track to both sides of stud. 6. Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required

Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion protection. Maximum production lengths available are 72m

8. Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.

Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
 Serviceability taken as 42% of ultimate, deflection limited to either height/240 or height/360.

 Serviceability taken as 42% of ultimate, deflection limited to either height/240 or height/36
 The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

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# Table 13 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Steel stud w	alls lined full	¥		BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	0.83
height on o	ne side only		Impor	tance Level <mark>3</mark>	Serviceability pr	ressure W <sub>S</sub> (kPa)	0.35
Stud Depth and BMT	Maximum Stud Centres		Deflection limited to H/240 or 30mm r Untiled plasterboard wall lining		Deflection limited to H/360, or Any tiled wall, or untiled fibre cem		
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
	600	1810	1810	1810	1810	1810	1810
51 x 0.5	450	2090	2090	2090	2090	2090	2090
	400	2220 (0.7)	2220 (0.7)	2220 (0.7)	2180 (0.7)	2210 (0.7)	2220 (0.
	300	2570 (0.7)	2570 (0.7)	2570 (0.7)	2410 (0.7)	2440 (0.7)	2490 (0.
	600	1920 (1.15)	1920 (1.15)	1920 (1.15)	1920 (1.15)	1920 (1.15)	1920 (1.1
64 x 0.5	450	2370 (1.15)	2370 (1.15)	2370 (1.15)	2370 (1.15)	2370 (1.15)	2370 (1.1
04 X 0.J	400	2510 (1.15)	2510 (1.15)	2510 (1.15)	2510 (1.15)	2510 (1.15)	2510 (1.1
	300	2900 (1.15)	2900 (1.15)	2900 (1.15)	2880 (1.15)	2900 (1.15)	2900 (1.1
	600	2750	2750	2750	2540	2560	2600
64 x 0.75	450	3180	3180	3180	2810	2840	2870
64 X U.75	400	3370	3370	3370	2930	2960	3000
	300	3750 (1.15)	3800 (1.15)	3860 (1.15)	3240	3270	3320
	600	3360	3390	3420	2900	2920	2950
C 4 4 4 F	450	3710	3750	3790	3210	3230	3270
64 x 1.15	400	3860	3900	3950	3340	3370	3400
	300	4260	4310	4370	3690	3720	3760
	600	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.1
76 0 55	450	2760 (1.15)	2760 (1.15)	2760 (1.15)	2760 (1.15)	2760 (1.15)	2760 (1.1
76 x 0.55	400	2930 (1.15)	2930 (1.15)	2930 (1.15)	2930 (1.15)	2930 (1.15)	2930 (1.1
	300	3380 (1.15)	3380 (1.15)	3380 (1.15)	3380 (1.15)	3380 (1.15)	3380 (1.1
	600	3100	3100	3100	2960	2980	3010
	450	3580 (1.15)	3580 (1.15)	<u>3580 (1.15)</u>	3280	3310	3340
76 x 0.75	400	3800 (1.15)	3800 (1.15)	3800 (1.15)	3410 (1.15)	3450 (1.15)	3480 (1.
	300	4360 (1.15)	4390 (1.15)	4390 (1.15)	3770 (1.15)	3810 (1.15)	3860 (1.1
	600	3870	3900	3940	3350	3370	3400
	450	4280	4320	4360	3700	3730	3760
76 x 1.15	400	4450	4500	4550	3850	3880	3920
	300	4900	4960	5020	4240	4280	4330
	600	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.15)	2210 (1.1
	450	2940 (1.15)	2940 (1.15)	2940 (1.15)	2940 (1.15)	2940 (1.15)	2940 (1.
92 x 0.55	400	3310 (1.15)	3310 (1.15)	3310 (1.15)	3310 (1.15)	3310 (1.15)	3310 (1.1
	300	3930 (1.15)	3930 (1.15)	3930 (1.15)	3930 (1.15)	3930 (1.15)	3930 (1.
	600	3440 (1.15)	3440 (1.15)	3440 (1.15)	3430 (1.15)	3440 (1.15)	3440 (1.
	450	3980 (1.15)	3980 (1.15)	3980 (1.15)	3790 (1.15)	3830 (1.15)	3870 (1.1
92 x 0.75	400	4220 (1.15)	4220 (1.15)	4220 (1.15)	3950 (1.15)	3990 (1.15)	4030 (1.
	300	4830 (1.15)	4830 (1.15)	4830 (1.15)	4350 (1.15)	4400 (1.15)	4460 (1.
	600	4440	4440	4440	3910	3930	3960
	450	4940	4940	4940	4320	4350	4390
92 x 1.15	400	5140	5140	5140	4490	4530	4570
	300	5650	5650	5650	4940	4990	5050
	600	3690 (1.15)	3690 (1.15)	3690 (1.15)	3690 (1.15)	3690 (1.15)	3690 (1.1
	450	4800 (1.15)	4800 (1.15)	4800 (1.15)	4800 (1.15)	4800 (1.15)	4800 (1.1
150 x 0.75	400	5020 (1.15)	5020 (1.15)	5020 (1.15)	5020 (1.15)	5020 (1.15)	5020 (1.
	300	5560 (1.15)	5560 (1.15)	5560 (1.15)	5560 (1.15)	5560 (1.15)	5560 (1.
	600	5550	5550	5550	5550	5550	5550
	450	6450	6450	6450	6450	6450	6450
150 x 1.15	400	6680	6680	6680	6680	6680	6680
	300	7230	7230	7230	7230	7230	7230

#### **Nogging Table**

Wall Height (mm)	No. of Noggings evenly spaced	
0 - 3000	1 plus soffit nogging	
3000 - 6000	2 plus soffit nogging	
6000 - 7230	3 plus soffit nogaina	

## **Concrete Anchor Table**

Wall Height	

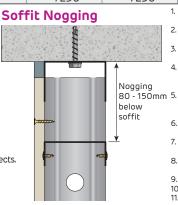
(mm)	Allelioi
0 7270	CACHAE

0 - 7230 SA6x45 1. Concrete 20 MPa minimum. No edge / spacing effects.

2. Anchors at maximum 1.5 x stud spacing up to

600mm maximum, and also 100mm maximum from track ends.

3. 150mm studs require 2 anchors across width.



1. Stud frames lined on one side only (including double stud walls) must have an additional soffit nogging installed 80-150mm as shown, unless using a slotted deflection head track. Maximum wall heights based upon lateral pressures and the deflection limits stated. 2. Not for external walls.

3. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered. 4. Base and head track must be similar Base Metal Thickness (BMT) as the stud. The head

track BMT is stated in brackets next to wall height if a different BMT compared to the stud is required.

Connections to base track and head track checked. Head track checked with a maximum 20mm overlap length of the stud to DH-Track (max 20mm downward and 10mm

upwards overhead soffit deflection). Screw fix base track to both sides of stud. 6. Contact Siniat or structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required 7. Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or

Anole refers to shift steel study of grade 0500 steel with 2/it caloffie<sup>m</sup> AM150 of AM125 corrosion protection. Maximum production lengths available are 7.2m
 Calculations based upon a single span and designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.
 Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.

 Serviceability taken as 42% of ultimate deflection limited to either height/240 or height/360.
 The nominated lateral pressures and deflection limits must be checked for suitability for a specific project.

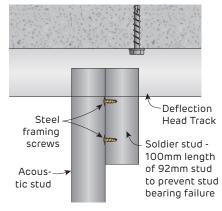
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## Table 14 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION A

Acoustic stud walls   on both sides with Deflection He			BCA Building	Ultimate pressure W <sub>U</sub> (kPa) Serviceability pressure W <sub>S</sub> (kPa)		0.39 0.25	
Stud Depth and BMT	Maximum Stud Centres		nited to H/240 plasterboard wa			nited to H/360, or r untiled fibre cem	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
92 x 0.55	600mm	3760	3760	3760	3760	3760	3760
Acoustic Stud	450mm	4130	4130	4130	4130	4130	4130
Acoustic stud walls lined full height on both sides with 0.7mm BMT				BCA Building		ssure W <sub>U</sub> (kPa)	0.39
DHT and Soldier Stud		<u>+</u>			Serviceability pr	ressure W <sub>S</sub> (kPa)	0.25
Stud Depth Maximum and BMT Stud Centres			nited to H/240 plasterboard w			nited to H/360, or r untiled fibre cer	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
92 x 0.55	600mm	5010*	5170*	5350*	4220*	4320*	4440*
Acoustic Stud	450mm	5540*	5740*	5970*	4690*	4820*	4980*
Acoustic stud walls lined full height on both sides with 0.7mm BMT		Up to BCA Building			Ultimate pressure W <sub>U</sub> (kPa)		0.54
DHT and Sold		Import		rtance Level <mark>3</mark>	Serviceability pr	ressure W <sub>S</sub> (kPa)	0.35
Stud Depth and BMT	Maximum Stud Centres	Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall linir			
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
92 x 0.55	600mm	4350*	4440*	4440*	3670*	3740*	3820*
Acoustic Stud	450mm	4440*	4440*	4440*	4090*	4180*	4290*
	Acoustic stud walls lined full height		Up to BCA Building		Ultimate pressure W <sub>U</sub> (kPa)		
on both sides with 0.7mm BMT		Ē.			Ultimate pres	ssure W <sub>U</sub> (kPa)	0.70
DHT and Sold	n 0.7mm BMT	<u>_</u>		BCA Building		ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa)	0.70 0.45
	n 0.7mm BMT			rtance Level 3 or 30mm max	Serviceability pr Deflection lir		<b>0.45</b> 20mm max
DHT and Sold Stud Depth	n O.7mm BMT lier Stud Maximum		nited to H/240	rtance Level 3 or 30mm max	Serviceability pr Deflection lir	ressure W <sub>S</sub> (kPa)	<b>0.45</b> 20mm max
DHT and Sold Stud Depth and BMT	0.7mm BMT lier Stud Maximum Stud Centres	Untiled	nited to H/240 plasterboard wa	rtance Level 3 or 30mm max all lining	Serviceability pr Deflection lir Any tiled wall, o	ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cem	0.45 20mm max hent wall linir
DHT and Sold Stud Depth and BMT (mm)	0.7mm BMT lier Stud Maximum Stud Centres (mm)	Untiled I	nited to H/240 plasterboard wa	rtance Level 3 or 30mm max all lining <b>16mm</b>	Serviceability pr Deflection lir Any tiled wall, o <b>10mm</b>	nited to H/360, or r untiled fibre cerr <b>13mm</b>	0.45 20mm max tent wall linit 16mm
DHT and Sold Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls	0.7mm BMT lier Stud Maximum Stud Centres (mm) 600mm 450mm lined full height	Untiled <b>10mm</b> 3420*	Impointed to H/240 plasterboard was a star w	rtance Level 3 or 30mm max all lining 16mm 3420*	Serviceability pro Deflection lin Any tiled wall, o <b>10mm</b> 3310* 3420*	nited to H/360, or r untiled fibre cerr <b>13mm</b> 3370*	0.45 20mm max hent wall linir 16mm 3420*
DHT and Sold Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud	0.7mm BMT lier Stud Maximum Stud Centres (mm) 600mm 450mm lined full height 0.7mm BMT	Untiled <b>10mm</b> 3420*	Important of H/240 plasterboard was a start of the H/240 plasterboard was a start of the hyperboard of	rtance Level 3 or 30mm max all lining 16mm 3420* 3420*	Serviceability pr Deflection lin Any tiled wall, o <b>10mm</b> 3310* 3420* Ultimate pres	nited to H/360, or r untiled fibre cerr <b>13mm</b> 3370* 3420*	0.45 20mm max hent wall linin 16mm 3420* 3420*
DHT and Sold Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Sold Stud Depth	0.7mm BMT lier Stud Maximum Stud Centres (mm) 600mm 450mm lined full height 0.7mm BMT lier Stud Maximum	Untiled	Important of H/240 plasterboard was a start of the H/240 plasterboard was a start of the hyperboard of	rtance Level 3 or 30mm max all lining 16mm 3420* 3420* BCA Building rtance Level 3 or 30mm max	Serviceability pr Deflection lin Any tiled wall, o <b>10mm</b> 3310* 3420* Ultimate pres Serviceability pr Deflection lin	ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr <b>13mm</b> 3370* 3420* ssure W <sub>U</sub> (kPa)	0.45 20mm max hent wall linir 16mm 3420* 3420* 0.85 0.55
DHT and Sold Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Sold	0.7mm BMT lier Stud Maximum Stud Centres (mm) 600mm 450mm lined full height 0.7mm BMT lier Stud	Untiled	Impointed to H/240 plasterboard was a start of the high start of t	rtance Level 3 or 30mm max all lining 16mm 3420* 3420* BCA Building rtance Level 3 or 30mm max	Serviceability pr Deflection lin Any tiled wall, o <b>10mm</b> 3310* 3420* Ultimate pres Serviceability pr Deflection lin	ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr <b>13mm</b> 3370* 3420* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or	0.45 20mm max hent wall linir 16mm 3420* 3420* 0.85 0.55
DHT and Sold Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Sold Stud Depth and BMT	0.7mm BMT lier Stud Maximum Stud Centres (mm) 600mm 450mm lined full height 0.7mm BMT lier Stud Maximum Stud Centres	Untiled	Import nited to H/240 plasterboard wo 3420* 3420* Up to Import nited to H/240 plasterboard wo	rtance Level 3 or 30mm max all lining 16mm 3420* 3420* BCA Building rtance Level 3 or 30mm max all lining	Serviceability pr Deflection lin Any tiled wall, o <b>10mm</b> 3310* 3420* Ultimate pres Serviceability pr Deflection lin Any tiled wall, o	ressure W <sub>S</sub> (kPa) mited to H/360, or r untiled fibre cerr <b>13mm</b> 3370* 3420* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) mited to H/360, or r untiled fibre cerr	0.45 20mm max hent wall linit 16mm 3420* 3420* 0.85 0.55

\*Soldier Stud at Deflection Head Track and screw fix 0.5mm BMT Base Track to stud

#### Soldier Stud Detail



## **Concrete Anchor Table**

Anchor	Anchor Spacing
SA6x45	600mm maximum plus 100mm maximum from track ends
1. Maximum wa	all heights based upon lateral pressures and the deflection limits stated. Not for external walls.
2. Noggings ma	y reduce sound insulation performance.

- 3. Wall heights include self weight but are not applicable to axially loaded (load bearing) studs. Point loads and other loads such as shelf loads or live loads are not considered, and must be checked with Siniat. Base track must be 0.5mm Base Metal Thickness (BMT) or greater. Deflection Head Track BMT is stated in table. 4.
- Connections to base track and head track checked. Head track checked with a maximum 20mm overlap 5. length of the stud to DH-Track (max 20mm downward and 10mm upwards overhead soffit deflection).
- 6. Contact Siniat or a structural engineer to check walls for earthquake actions or any imposed ceiling loads during an earthquake. Specific project information is required. 7. Table refers to Siniat steel studs of grade G300 steel with Zincalume™ AM150 or AM125 corrosion
- protection. Maximum production lengths available are 6.0m 8.
- Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures. 9. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
- Serviceability wind pressure taken as 65% of ultimate, and serviceability deflection limited to either height/240 or height/360.
- 11. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project. 12. For BCA Building Importance Level 4, please contact Siniat.
- Technical Advice 1300 724 505 siniat.com.au

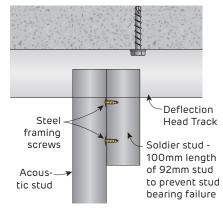


# Table 15 Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION B Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.

Acoustic stud walls lined full height on both sides with 0.55mm BMT Deflection Head Track		L		BCA Building	Ultimate pressure W <sub>U</sub> (kPa)		0.59
Deflection He	ead Track			rtance Level 5	Serviceability pressure W <sub>S</sub> (kPa) 0.25		
Stud Depth and BMT	Maximum Stud Centres		nited to H/240 plasterboard w			nited to H/360, or r untiled fibre cem	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
92 x 0.55	600mm	2480	2480	2480	2480	2480	2480
Acoustic Stud	450mm	2730	2730	2730	2730	2730	2730
Acoustic stud walls on both sides wit	-			BCA Building	Ultimate pres	ssure W <sub>U</sub> (kPa)	0.59
DHT and Sold		<u>2</u>	Impo	rtance Level <mark>3</mark>	Serviceability pr	ressure W <sub>S</sub> (kPa)	0.25
Stud Depth Maximum and BMT Stud Centres			nited to H/240 plasterboard w			nited to H/360, or r untiled fibre cem	
(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm
92 x 0.55	600mm	4060*	4060*	<u>406</u> 0*	40 <mark>60*</mark>	4060*	4060*
Acoustic Stud	450mm	4060*	4060*	<u>406</u> 0*	40 <mark>60*</mark>	4060*	4060*
Acoustic stud walls on both sides wit		Up to BCA Building Importance Level 3			Ultimate pres	ssure W <sub>U</sub> (kPa)	0.83
DHT and Solo				rtance Level 3	Serviceability pressure W <sub>S</sub> (kPa)		0.35
Stud Depth Maximum and BMT Stud Centres		Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining			Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall linir		
		Untiled p	plasterboard w	all lining			
and BMT (mm)	Stud Centres (mm)	Untiled p 10mm	olasterboard w <b>13mm</b>	all lining			
<b>(mm)</b> 92 x 0.55					Any tiled wall, or	r untiled fibre cerr	ient wall lin <b>16mm</b>
(mm)	(mm)	10mm	13mm	16mm	Any tiled wall, or <b>10mm</b>	r untiled fibre cem 13mm	ient wall lin <b>16mm</b>
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with	(mm) 600mm 450mm lined full height 0.55mm BMT	<b>10mm</b> 2890*	13mm 2890* 2890*	16mm 2890* 2890* BCA Building	Any tiled wall, or 10mm 2890* 2890*	untiled fibre cerr 13mm 2890*	ient wall lin <b>16mm</b> 2890*
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets	<b>10mm</b> 2890*	13mm 2890* 2890*	<b>16mm</b> 2890* 2890*	Any tiled wall, or 10mm 2890* 2890*	13mm 2890* 2890* 2890* ssure W <sub>U</sub> (kPa)	16mm 16mm 2890* 2890*
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and University	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets	10mm 2890* 2890*	13mm 2890* 2890*	16mm 2890* 2890* BCA Building rtance Level 3 or 30mm max	Any tiled wall, or 10mm 2890* 2890* Ultimate pressive Serviceability pr Deflection lir	13mm 2890* 2890* 2890* ssure W <sub>U</sub> (kPa)	16mm 2890* 2890* 1.07 0.45 20mm max
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Univers at Head and Bi Stud Depth	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets ase Tracks Maximum	10mm 2890* 2890*	13mm 2890* 2890* Up to Impo hited to H/240	16mm 2890* 2890* BCA Building rtance Level 3 or 30mm max	Any tiled wall, or 10mm 2890* 2890* Ultimate pressive Serviceability pr Deflection lir	runtiled fibre cerr <b>13mm</b> 2890* 2890* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or	16mm 2890* 2890* 1.07 0.45 20mm may
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Univers at Head and Ba Stud Depth and BMT	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets ase Tracks Maximum Stud Centres	10mm 2890* 2890* 2890* Deflection lin Untiled p	13mm 2890* 2890* Up to Impo Impo Inited to H/240 plasterboard w	16mm 2890* 2890* BCA Building rtance Level 3 or 30mm max all lining	Any tiled wall, or 10mm 2890* 2890* Ultimate press Serviceability pr Deflection lin Any tiled wall, or	runtiled fibre cerr <b>13mm</b> 2890* 2890* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr	16mm 2890* 2890* 1.07 0.45 20mm max lent wall lin
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Univers at Head and Ba Stud Depth and BMT (mm)	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm)	10mm 2890* 2890* 2890* Deflection lim Untiled p 10mm	13mm 2890* 2890* Up to Impo hited to H/240 blasterboard w 13mm	16mm         2890*         2890*         BCA Building         rtance Level 3         or 30mm max         rall lining         16mm	Any tiled wall, or 10mm 2890* 2890* Ultimate pressive Serviceability pr Deflection lin Any tiled wall, or 10mm	runtiled fibre cerr 13mm 2890* 2890* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr 13mm	16mm 2890* 2890* 1.07 0.45 20mm maximum 16mm
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Univers at Head and Bis Stud Depth and BMT (mm) 92 x 0.55	(mm) 600mm 450mm lined full height 0.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm) 600mm 450mm lined full height	10mm 2890* 2890* 2890* Deflection lim Untiled p 10mm 3250	13mm 2890* 2890* Up to Impo bited to H/240 blasterboard w 13mm 3330 4040	16mm         2890*         2890*         BCA Building         rtance Level 3         or 30mm max         all lining         16mm         3440	Any tiled wall, or 10mm 2890* 2890* Ultimate pressive Serviceability pr Deflection lin Any tiled wall, or 10mm 3250 3690	runtiled fibre cerr 13mm 2890* 2890* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr 13mm 3330	<b>16mm</b> 2890* 2890* <b>1.07</b> <b>0.45</b> 20mm max tent wall lin <b>16mm</b> 3430
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Univers at Head and Bi Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls	(mm) 600mm 450mm 10.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm) 600mm 450mm 11ned full height 0.55mm BMT sal Brackets	10mm 2890* 2890* 2890* Deflection lim Untiled p 10mm 3250	13mm 2890* 2890* Up to Impo Dited to H/240 Diasterboard w 13mm 3330 4040 Up to	16mm         2890*         2890*         BCA Building         rtance Level 3         or 30mm max         all lining         16mm         3440         4210	Any tiled wall, or 10mm 2890* 2890* Ultimate press Serviceability pr Deflection lin Any tiled wall, or 10mm 3250 3690 Ultimate press	untiled fibre cerr         13mm         2890*         2890*         ssure W <sub>U</sub> (kPa)         ressure W <sub>S</sub> (kPa)         nited to H/360, or r untiled fibre cerr         13mm         3330         3760	<b>16mm</b> 2890* 2890* <b>1.07</b> <b>0.45</b> 20mm may tent wall lin <b>16mm</b> 3430 3840
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Universe at Head and Bit Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic Stud walls on both sides with DHT and Universe at Head and Bit Stud Depth and BMT	(mm) 600mm 450mm 10.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm) 600mm 450mm 11ned full height 0.55mm BMT sal Brackets ase Tracks	10mm 2890* 2890* 2890* Deflection lim Untiled p 10mm 3250 3890 Deflection lim	13mm 2890* 2890* Up to Impo Dited to H/240 Diasterboard w 13mm 3330 4040 Up to	16mm         2890*         2890*         DBCA Building         rtance Level 3         or 30mm max         all lining         16mm         3440         4210         DBCA Building         rtance Level 3         or 30mm max	Any tiled wall, or 10mm 2890* 2890* Ultimate press Serviceability pr Deflection lin Any tiled wall, or 10mm 3250 3690 Ultimate press Serviceability pr Deflection lim	13mm         2890*         2890*         2890*         ssure W <sub>U</sub> (kPa)         ressure W <sub>S</sub> (kPa)         nited to H/360, or         r untiled fibre cerr         13mm         3330         3760	ent wall lin 2890* 2890* 2890* 1.07 0.45 20mm maximum 20mm maximum 16mm 3430 3840 1.30 0.55 20mm maximum 20mm maxi
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Universe at Head and Bit Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Universe at Head and Bit Stud Depth	(mm) 600mm 450mm 10.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm) 600mm 450mm 11ned full height 0.55mm BMT sal Brackets ase Tracks	10mm 2890* 2890* 2890* Deflection lim Untiled p 10mm 3250 3890 Deflection lim	13mm         2890*         2890*         2890*         Up to Impo         hited to H/240         blasterboard w         13mm         3330         4040         Up to Impo         hited to H/240	16mm         2890*         2890*         DBCA Building         rtance Level 3         or 30mm max         all lining         16mm         3440         4210         DBCA Building         rtance Level 3         or 30mm max	Any tiled wall, or 10mm 2890* 2890* Ultimate press Serviceability pr Deflection lin Any tiled wall, or 10mm 3250 3690 Ultimate press Serviceability pr Deflection lim	runtiled fibre cerr 13mm 2890* 2890* ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or r untiled fibre cerr 13mm 3330 3760 ssure W <sub>U</sub> (kPa) ressure W <sub>S</sub> (kPa) nited to H/360, or hited to H/360, or	ent wall lin 2890* 2890* 2890* 1.07 0.45 20mm maximum 20mm maximum 3430 3840 1.30 0.55 20mm maximum 20m5
(mm) 92 x 0.55 Acoustic Stud Acoustic stud walls on both sides with DHT and Universe at Head and Bit Stud Depth and BMT (mm) 92 x 0.55 Acoustic Stud Acoustic Stud walls on both sides with DHT and Universe at Head and Bit Stud Depth and BMT	(mm) 600mm 450mm 10.55mm BMT sal Brackets ase Tracks Maximum Stud Centres (mm) 600mm 450mm 11ned full height 0.55mm BMT sal Brackets ase Tracks	10mm 2890* 2890* Deflection lim Untiled p 10mm 3250 3890 Deflection lim Untiled p	13mm    2890*    2890*    2890*    Up to Impo      hited to H/240      blasterboard w      13mm      3330      4040      Up to      Impo      hited to H/240      blasterboard w      13mm      3330      4040      Impo      hited to H/240	16mm         2890*         2890*         DBCA Building         rtance Level 3         or 30mm max         all lining         16mm         3440         4210         DBCA Building         rtance Level 3         or 30mm max         all lining         or 30mm max         all lining	Any tiled wall, or 10mm 2890* 2890* Ultimate press Serviceability pr Deflection lin Any tiled wall, or 10mm 3250 3690 Ultimate press Serviceability pr Deflection lin Any tiled wall	13mm         2890*         2890*         2890*         ssure W <sub>U</sub> (kPa)         ressure W <sub>S</sub> (kPa)         nited to H/360, or         r untiled fibre cerr         13mm         3330         3760         ssure W <sub>U</sub> (kPa)         ressure W <sub>S</sub> (kPa)         nited to H/360, or         or         nited to H/360, or         or         0         3330         3760	ent wall lin 2890* 2890* 1.07 0.45 20mm max ent wall lin 3430 3840 1.30 0.55

\*Soldier Stud at Deflection Head Track and screw fix 0.5mm BMT Base Track to stud

#### Soldier Stud Detail



#### **Concrete Anchor Table**

	Anchor	Spacing	
	SA6x45	600mm maximum plus 100mm maximum from track ends	
		all heights based upon lateral pressures and the deflection limits stated. N	ot for external walls.
2.	Noggings ma	y reduce sound insulation performance.	
3.	Wall heights	include self weight but are not applicable to axially loaded (load bearing)	studs.Point loads
	and other loa	ads such as shelf loads or live loads are not considered, and must be chec	ked with Siniat.
4.	Base track mu	ust be 0.5mm Base Metal Thickness (BMT) or greater. Deflection Head Track E	BMT is stated in table.
5.	Connections	to base track and head track checked. Head track checked with a maxim	num 20mm overlap
	length of the	stud to DH-Track (max 20mm downward and 10mm upwards overhead	soffit deflection).
6.	Contact Sinia	at or a structural engineer to check walls for earthquake actions or any in	nposed ceiling loads

during an earthquake. Specific project information is required. Table refers to Siniat steel study of grade G300 steel with Zincalume™ AM150 or AM125 corrosion 7.

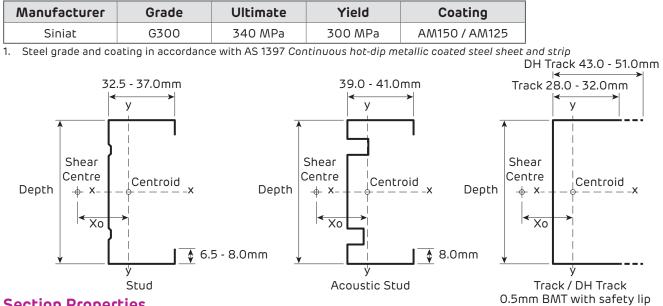
- protection. Maximum production lengths available are 6.0m
- 8. Designed in accordance with AS/NZS 4600:2018 Cold Formed Steel Structures.
- 9. Wind pressures determined in accordance with AS/NZS 1170.2 Wind Actions.
- 10. Serviceability wind pressure taken as 42% of ultimate, and serviceability deflection limited to either

height/240 or height/360. 11. The nominated lateral pressures and deflection limits must be checked for suitability for a specific project. 12. For BCA Building Importance Level 4, please contact Siniat or refer to the Framing Tables Supplement.

Worked Example Internal wall partition lined full	<b>Step 2</b> <i>Determin</i> From Figure 2 'Au Newcastle locate	<b>Step 2</b> Determine the Wind Region From Figure 2 'Australian Wind Regions' in Section 2.3, find Newcastle located in Wind Region A.	ות gions' in Sectio A.	n 2.3, find	in Sec pressu Ws = (	in Section 2.3 'Internal Wind Pressures ( pressures found are Wu = 0.64 kPa, and Ws = 0.43 kPa.	nternal V J are Wu	Vind Pre = 0.64 I	in Section 2.3 'Internal Wind Pressures C <sub>p,i</sub> = 0.4'. The pressures found are Wu = 0.64 kPa, and Ws = 0.43 kPa.	0.4'. The	
<ul> <li>height on both sides</li> <li>Single leaf internal partition - lined full height with</li> </ul>	<b>Step 3</b> <i>Determine</i> Usually found on notes for the pro	<b>Step 3</b> Determine the building's Importance Level (IL) Usually found on the front page of the Structural Engineers notes for the project. In this case the IL is 2.	<i>portance Leve.</i> the Structural he IL is 2.	l (IL) Engineers		<b>Step 6</b> <i>Determine frame.</i> Use the relevant 'Interna Stud Wall Height Table' i	<i>ne frame</i> it 'Interna it Table' j	, al Non-L in Sectio	<b>Step 6</b> Determine frame. Use the relevant 'Internal Non-Load Bearing Steel Stud Wall Height Table' in Section 3.1. For this case the	teel case the	
<ul> <li>13mm plasterboard on both sides</li> <li>Wall is not tiled, so deflection limit h/240 is suitable</li> <li>Height of partition is 3400mm</li> <li>Shopping centre that is effectively sealed where the</li> </ul>	Step 4 Determin surrounding land found on the fror for the proiect In	<b>Step 4</b> <i>Determine the Terrain Category (TC)</i> of the surrounding landscape around the building.Also usually found on the front page of the Structural Engineers notes for the orniect. In this case the TC is 1.5.	<i>gory (TC</i> ) of the building.Also uctural Engine is 1 5	e usually ers notes	internal tables r W <sub>U</sub> = 0.	internal wind pressures are rounded t tables nominated pressure which are W <sub>U</sub> = 0.70 kPa and W <sub>S</sub> = 0.45 kPa. <b>Answer</b>	ressures ed pressu and W <sub>S</sub> =	are rour ure whic 0,45 kF	internal wind pressures are rounded up to the nearest tables nominated pressure which are W <sub>U</sub> = 0.70 kPa and W <sub>S</sub> = 0.45 kPa. <b>Answer</b>	nearest	
<ul> <li>external walls have non-opening windows</li> <li>Internal partition is adjacent to an external wall with no potential opening in any external surface greater</li> </ul>	Step 5 Determin Wind Pressures.	e Ultimate (W <sub>U</sub> ) and Serviceability (W <sub>S</sub> )	and Serviceab	ility (W <sub>S</sub> )	64 x C heighl	64 × 0.75mm BMT { height of 3430mm.	MT studs mm.	at 400	64 x 0.75mm BMT studs at 400mm centres to reach a height of 3430mm.	o reach a	
<ul> <li>Building Importance Level 2</li> <li>Torraio Catogory 1 6</li> </ul>	I he floor of the built is 25m abov	I he floor of the building where the partition is to be built is 25m above the ground level. Refer to Table 10	ne partition is rel. Refer to Tal	to be ble 10							
<ul> <li>Internal partition is located 25m above ground level.</li> </ul>	Table 10 Internal \	Wind Pressures C <sub>p.i</sub>	=0.4					Ů	C <sub>p,i</sub> = Internal wind pressure coefficient	sure coefficient	
<b>Step 1</b> Determine C <sub>0</sub> i net				Building Imp	Building Importance Level 2	12					
From Section 2.3, first find the appropriate C <sub>D.i</sub> net	Ultimate Wind Speed		A 45					57			
from the information above, the internal wall partition is the	Serviceability Wind Speed V25 (m/s)		37					39			
same as Case 3. therefore the appropriate Co. i not is 0.4.	Terrain Category	1 1.5	2	2.5	en -	1	1.5	2	2.5	e	
	Height above ground (z)	10 25 50 10 25	50 10 25 50	10 25 50	10 25 50	10 25 50	10 25	50 10 25	50 10 25 50	10 25 50	
	M <sub>z,cat</sub> Ultimate Wind	1.12         1.21         1.25         1.06         1.15           0.61         0.71         0.76         0.55         0.64	1.22         1.00         1.10         1.18           0.72         0.49         0.59         0.68		1.13         0.83         0.97         1.07           0.62         0.33         0.46         0.56	7 1.12 1.21 1.25 5 0.98 1.14 1.22	1.06 1.15 0.88 1.03	1.22 1.00 1.10 1.16 0.78 0.94	1.18         0.92         1.04         1.13           1.09         0.65         0.84         1.00	0.83 0.97 1.07 0.54 0.73 0.89	
	Pressure (kPa) Serviceability Wind Pressure (kPa)	0.51 0.37	0.49 0.33 0.40 0.46	0.42	0.31		0.41 0.48	0.37	0.51 0.31 0.39	0.34	
$C_{p_i} = 0.2$ $C_{p_i} = -0.2$ positive pressure negative (suction) pressure		Internal Non-Load Bearing Steel Stud Wall Height Table Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project	Internal Non-Load Bearing Steel Stud Wall Height Table (mm) - REGION Refer to Section 2.3 for assistance determining the relevant wind pressures for a specific project.	I Stud Wall	Height Ta	able (mm) .		A			
		Steel stud walls lined full	lls lined full	-		CA Building	Ultimate pres	Ultimate pressure W <sub>u</sub> (kPa)	0.70		
		height on both sides	oth sides		Importa	Importance Level 3	Serviceability pressure W <sub>S</sub> (kPa)	ssure W <sub>S</sub> (kPa)	0.45		
		Stud Depth and BMT	Maximum Stud Centres	Deflection limit Untiled pla	Deflection limited to H/240 or 30mm max Untiled plasterboard wall lining		Deflection limited to H/360, or 20mm max Any tiled wall, or untiled fibre cement wall lining	Deflection limited to H/360, or 20mm max y tiled wall, or untiled fibre cement wall lin	20mm max nent wall lining		
		(mm)	(mm)	10mm	13mm	16mm	10mm	13mm	16mm		
			600 450	2140 2390	2210 2460	2270 2560	1820 2030	1870 2080	1950 2160		
			400 300	2500 2790	2580 2820	2680 3000 (0.7)	2120 2370	2180 2430	2250 2510		
Case 3: Internal Wall $C_{pinet} = 0.4$			600	2200 2890 (0 7)	2200	2200	2190	2200	2200		
<ol> <li>Air-conditioned Hospitals, Offices and Shopping Centres (except loading docks) that are effectively sealed where the external walls have non-opening windows</li> </ol>		64 × 0.5	400	3030 (0.7)	(7.0) 0002 (7.0) 0112 (7.0) 0872	3220 (0.7)	2560 2850 /0 7/	2620	2690		
2. Single leaf internal wall 3. Fffertively sealed wall			600	2880 3210	2940 3280	3010 3370	2450	2490	2550		
4. Adjacent to an external wall, or other internal walls that provide		64 X U. /5	400 300	3350 3720	<b>3430</b> 3820	3530 3940	2850 3170	2900 3240	2970 3320		
מו בוברואה אלם טרנערבו אם טראי		-				-	-				

## **Steel Profile Information**

## Material

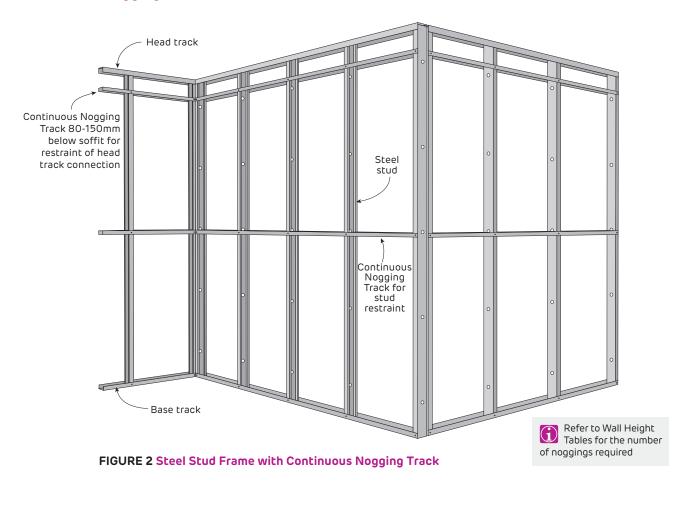


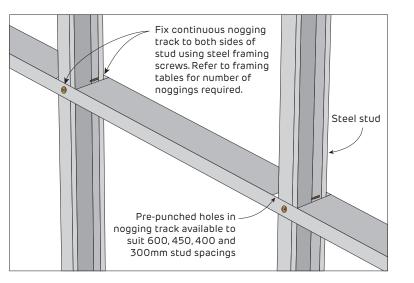
## **Section Properties**

Profile	Dimensions (mm)		Shear CentreMomentfromAreaof InertiaCentroid (mm)(mm²)(mm⁴)		Section Modulus (mm <sup>3</sup> )		Torsion Constant J (mm⁴)	Warping Constant Iw (mm <sup>6</sup> )		
	Depth	BMT	Xo		Ixx	lyy	Zxx	Zyy		
	51	0.5	-28.7	63.3	28,320	10,170	1,127	449	5.3	5,498,000
	64	0.5	-26.4	69.3	46,840	10,640	1,481	453	5.8	8,545,000
	64	0.75	-26.5	103.8	69,520	15,960	2,207	686	19.5	12,930,000
	64	1.15	-26.7	158.8	105,700	24,870	3,376	1,056	70.0	19,320,000
	76	0.55	-25.2	83.2	77,040	12,860	2,049	518	8.4	13,980,000
Stud	76	0.75	-27.3	116.9	108,400	20,140	2,891	798	21.9	22,800,000
	76	1.15	-26.4	176.0	160,600	28,700	4,305	1,161	77.6	31,980,000
	92	0.55	-24.4	93.4	121,800	14,540	2,672	571	9.4	23,680,000
	92	0.75	-24.2	126.8	164,300	19,450	3,611	767	23.8	31,460,000
	92	1.15	-24.7	194.7	251,300	30,770	5,548	1,199	85.8	48,940,000
	150	0.75	-20.0	171.1	529,700	23,340	7,110	847	32.1	98,580,000
	150	1.15	-20.0	262.1	808,500	35,850	10,880	1,296	115.6	150,300,000
Acoustic Stud	92	0.55	-22.2	126.4	156,600	20,220	3,376	712	12.8	33,640,000
ACOUSTIC STUD	51	0.5	-22.8	57.9	27,190	6,850	1,051	290	4.8	3,112,000
	64	0.5	-17.8	60.4	40,650	5,196	1,256	236	5.0	3,717,000
	64	0.7	-17.5	84.2	56,920	7,046	1,750	323	13.8	5,081,000
	64	1.15	-18.1	140.1	95,810	12,444	2,937	558	61.8	8,989,000
	76	0.55	-18.2	68.4	63,000	6,549	1,642	273	5.7	6,639,000
<b>T</b>	76	0.7	-17.9	95.4	88,180	8,896	2,289	375	15.6	9,084,000
Track	76	1.15	-16.7	153.5	141,000	12,780	3,642	561	67.7	13,160,000
	92	0.55	-16.5	75.9	96,680	6,602	2,085	271	6.3	9,939,000
	92	0.7	-16.6	106.7	137,000	9,375	2,942	383	17.4	14,210,000
	92	1.15	-15.6	172.6	220,300	13,780	4,714	583	76.1	21,050,000
	150	0.75	-13.0	157.6	468,000	11,220	6,199	429	29.6	47,330,000
	150	1.15	-12.9	241.5	718,500	16,890	9,491	649	106.5	71,610,000
	51	0.55	-38.3	82.5	43,020	22,890	1,651	687	8.3	10,820,000
	64	0.55	-35.7	89.1	68,770	24,040	2,118	700	9.0	17,460,000
	64	0.7	-35.9	113.6	88,020	30,890	2,706	897	18.6	22,490,000
	64	1.15	-35.7	186.3	145,500	50,170	4,450	1,461	82.1	36,820,000
	76	0.55	-31.4	92.4	94,900	21,510	2,467	640	9.3	21,830,000
<b>DT</b>	76	0.7	-32.4	119.2	123,500	29,280	3,206	854	19.5	29,780,000
DH Track	76	1.15	-33.0	193.2	188,300	48,250	5,062	1,409	85.2	45,660,000
	92	0.55	-32.0	104.4	151,400	27,030	3,263	739	10.5	40,000,000
	92	0.7	-32.2	133.2	194,300	34,750	4,176	947	21.8	51,680,000
	92	1.15	-30.7	215.3	314,200	51,950	6,714	1,457	94.9	78,040,000
	150	0.75	-25.5	183.9	617,700	39,310	8,181	1,016	34.5	158,600,000
	150	1.15	-25.4	280.8	937,400	59,520	12,450	1,546	123.8	238,600,000



## Non-Fire Rated and Fire Rated Continuous Nogging Track







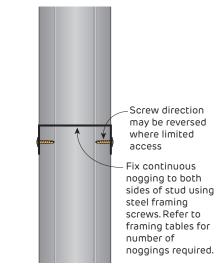
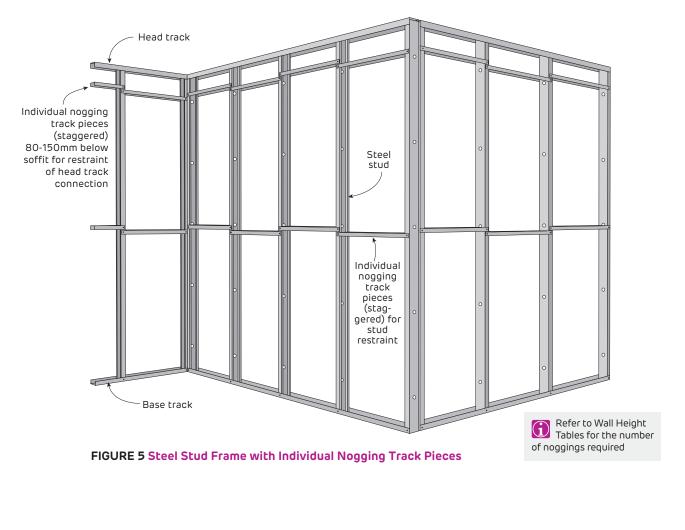


FIGURE 4 Continuous Nogging Track Section

## Non-Fire Rated and Fire Rated Individual Nogging Track Pieces



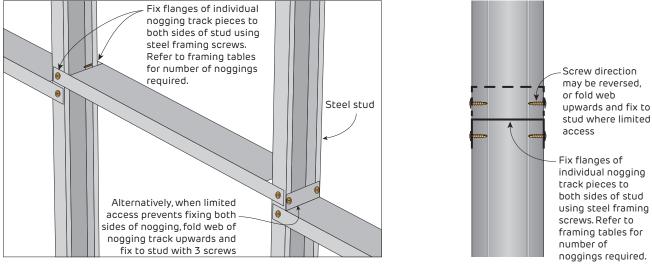
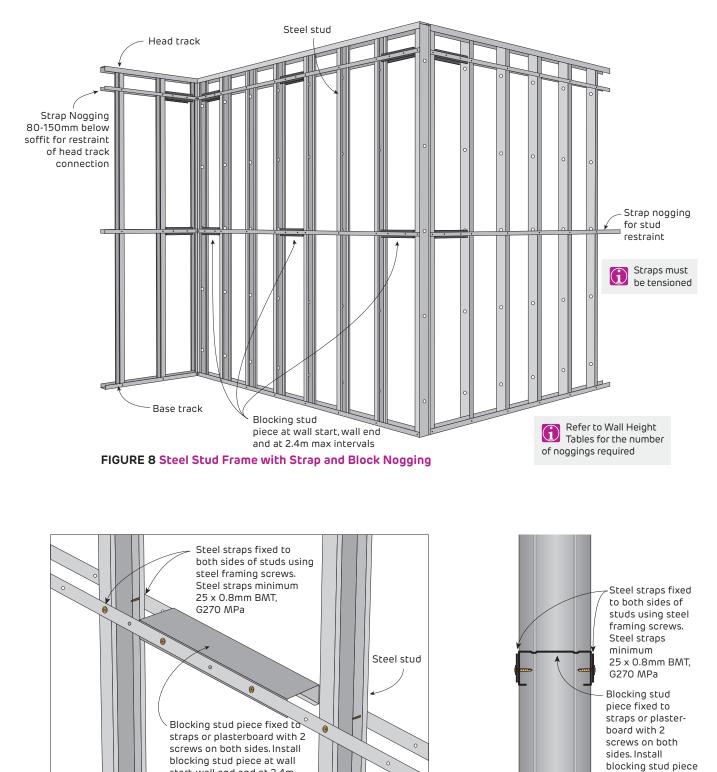


FIGURE 6 Individual Nogging Track Pieces Perspective FIGURE 7 Individual Nogging Track Pieces Section



## Non-Fire Rated and Fire Rated Strap and Block Nogging Track



Straps must

be tensioned

 $\mathbf{(i)}$ 

FIGURE 9 Strap and Block Nogging Perspective

start, wall end and at 2.4m

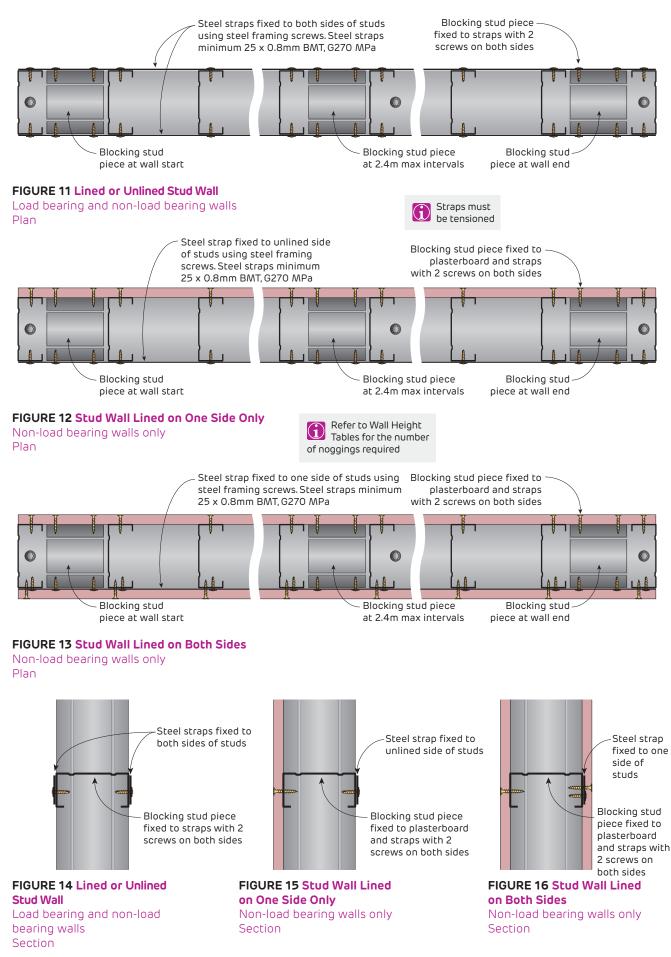
max intervals.

FIGURE 10 Strap and Block Nogging Section

at wall start, wall

end and at 2.4m max intervals.

Non-Fire Rated and Fire Rated Strap and Block Nogging Track





## Non-Fire Rated and Fire Rated Strap Noggings

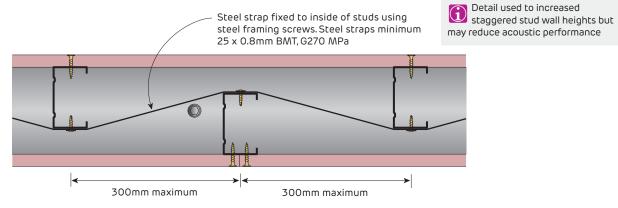


FIGURE 17 Strap Nogging for Staggered Stud Walls Plan

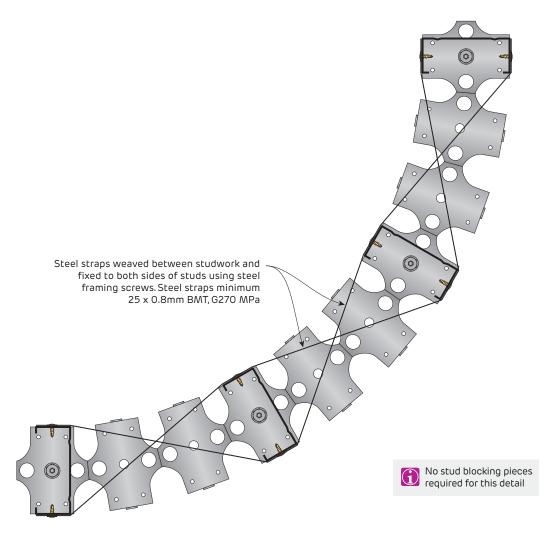


FIGURE 18 Strap Nogging for Curved Stud Walls Plan

## Non-Load Bearing Wall Steel Stud Cut-Out Tolerances

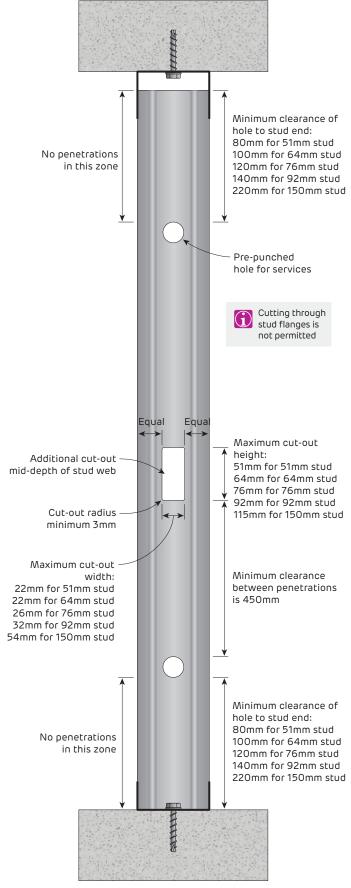


FIGURE 19 Stud Cut-out Tolerances Non-load bearing walls only Section



## **Plasterboard Layout**

	Non-fire Rated	Fire Rated
Vertical joints must be 200mm minimum from the edge of any opening such as windows and doorways to minimise cracking at the joints.	$\checkmark$	$\checkmark$
Install sheets horizontally when using Siniat Acoustic Stud. Float and back block butt joints according to Installation figures.	$\checkmark$	$\checkmark$
Horizontal Layout		
Stagger butt joints in single layer systems by 300mm minimum on adjoining sheets and on opposite sides of the wall.	✓	✓
Stagger butt joints in multilayer systems by 300mm minimum on adjoining sheets and between layers.	$\checkmark$	$\checkmark$
First layer butt joints must be backed by a stud or back-blocked.	$\checkmark$	$\checkmark$
Stagger recessed edges by 300mm minimum between layers.	$\checkmark$	$\checkmark$
Stagger recessed edges in single layer systems by 300mm minimum on opposite sides of the wall or alternatively, back by a nogging.		✓
Vertical Layout		
Alternate from one side of the wall to the other when fixing the plasterboard sheets.	✓	✓
Stagger butt joints in single layer systems by 300mm minimum on adjoining sheets and on opposite sides of the wall.	✓	✓
Stagger butt joints by 300mm minimum on adjoining sheets and between layers.	$\checkmark$	✓
First layer butt joints must be backed by a nogging or back-blocked.	$\checkmark$	
First layer butt joints must be backed by a nogging.		✓
Stagger recessed edges by 300mm minimum between layers.	$\checkmark$	✓
Stagger recessed edges by 300mm minimum on opposite sides of the wall for single layer systems	$\checkmark$	✓

Install plasterboard sheets horizontally when practical to minimise stud twisting and reduce the effect of glancing light.

> Minimise butt joints by using long sheets.



# **Plasterboard Fixing**

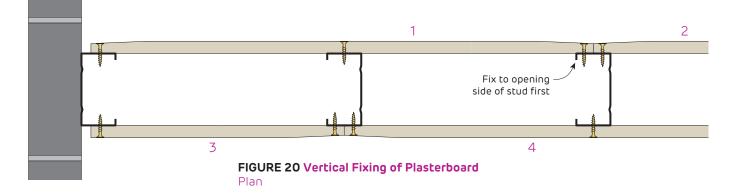
	Non-fire Rated	Fire Rated
Drive screws to just below the sheet surface, taking care not to break the paper linerboard. For over-driven screws, install another screw 20mm away. Leave or remove the over-driven screw and patch.	$\checkmark$	$\checkmark$
Laminating screws can be used to fix butt joints in the second and third layer.	$\checkmark$	$\checkmark$
Screw and Adhesive Method		
Apply masta <b>grip</b> Stud Adhesive after the frame is clean, dry, and free from grease, dust and other contaminants.	$\checkmark$	
Apply masta <b>grip</b> daubs 200mm minimum from screws and plasterboard edges.	$\checkmark$	
Screw Only Method		
Use the 'Screw Only Method' in tiled or fire rated areas. Stud adhesive is not permitted.	$\checkmark$	$\checkmark$

The 'Screw and Adhesive Method' is

(1 recommended for non-fire rated applications.

### masta**grip** will:

- > Minimise screw popping
- > Reduce the number of screw heads that may show in glancing light
- > Assist in compensating for frame irregularities.



## Screw Type and Minimum Size for the Installation of Plasterboard to Steel

Plasterboard Thickness	1st Layer	2nd Layer	3rd Layer	4th Layer
6.5mm	6g x 25mm screw	6g x 25mm screw	-	-
10mm	6g x 25mm screw	6g x 41mm screw *	-	-
13mm	6g x 25mm screw	6g x 41mm screw *	7g x 57mm screw *	-
16mm	6g x 32mm screw	6g x 45mm screw *	8g x 65mm screw *	10g x 38mm laminating screw
2 x 25mm + 1 x 13mm	6g x 41mm screw	8g x 65mm screw	8g x 75mm screw	-

For steel  $\leq$  0.75mm BMT, use fine thread needle point screws.

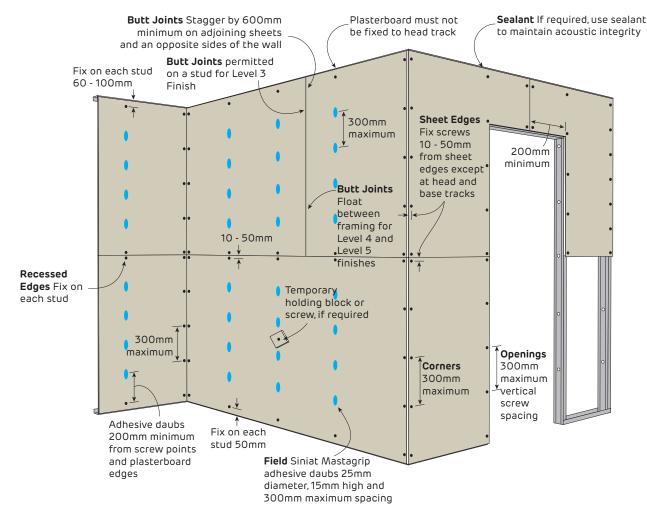
For steel  $\geq$  0.75mm BMT, use fine thread drill point screws.

\*10g x 38mm Laminating screws may be used as detailed in installation diagrams.



## FIGURE 21 Non-Fire Rated 1 Layer - Horizontal

Screw and Adhesive Method



## **Fixing Pattern Table**

Sheet Width	Fixing Pattern
600mm	SAAS
900mm	SAAAS
1200mm	SAAAAS
1350mm	SAAAAAS
1400mm	SAAAAAS

S = Screw

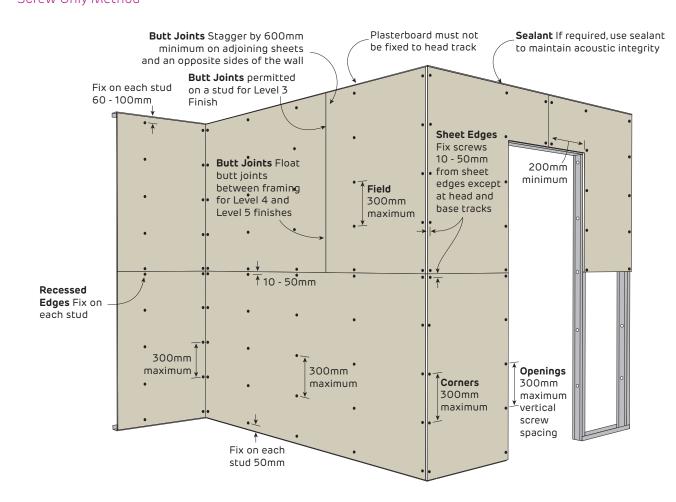
A = Adhesive daub

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	M	əximum Wal	l Stud Spaci	ng
Thickness	600mm	450mm	400mm	300mm
10mm	0.95	1.30	1.45	1.95
13mm	1.10	1.45	1.65	2.20
16mm	1.10	1.45	1.65	2.20

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

#### FIGURE 22 Non-Fire Rated 1 Layer - Horizontal Screw Only Method



## Fixing Pattern Table

Sheet Width	Fixing Pattern		
600mm	SSS(3)		
900mm	S S S S (4)		
1200mm	S S S S S (5)		
1350mm	S S S S S S (6)		
1400mm	S S S S S S (6)		

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

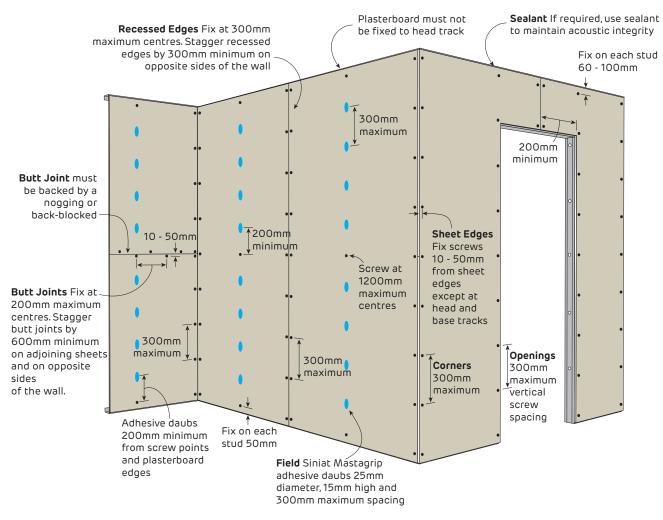
Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
10mm	0.75	1.05	1.15	1.55
13mm	0.85	1.15	1.30	1.75
16mm	0.85	1.15	1.30	1.75

1. Calculations do not include the framing which must be independently designed to suit the desired loads.



## FIGURE 23 Non-Fire Rated 1 Layer - Vertical

Screw and Adhesive Method



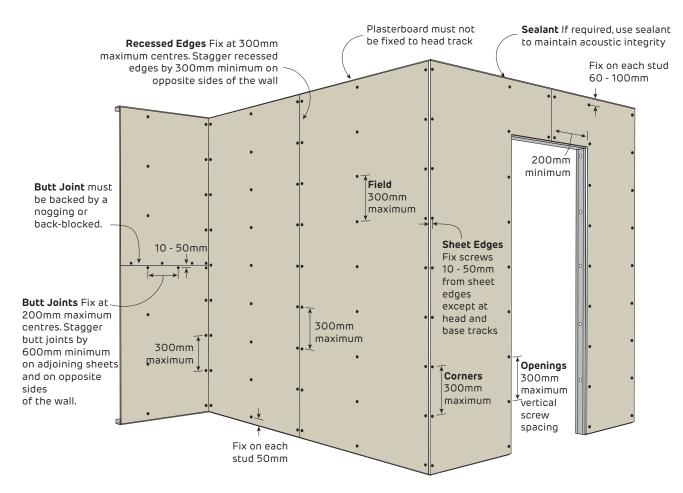
## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
10mm	0.75	1.00	1.15	1.55
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

## FIGURE 24 Non-Fire Rated 1 Layer - Vertical

Screw Only Method



## Maximum Ultimate Limit State Wind Load Table (kPa)

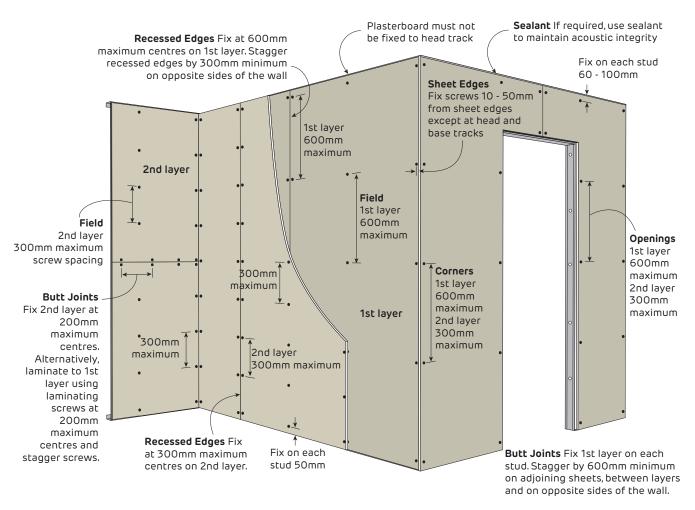
Plasterboard	Maximum Wall Stud Spacing		Maximum Wall		ng
Thickness	600mm	450mm	400mm	300mm	
10mm	0.75	1.00	1.15	1.55	
13mm	0.85	1.15	1.30	1.70	
16mm	0.85	1.15	1.30	1.70	

1. Calculations do not include the framing which must be independently designed to suit the desired loads.



## FIGURE 25 Non-Fire Rated 2 Layers - Vertical + Vertical

Screw Only Method



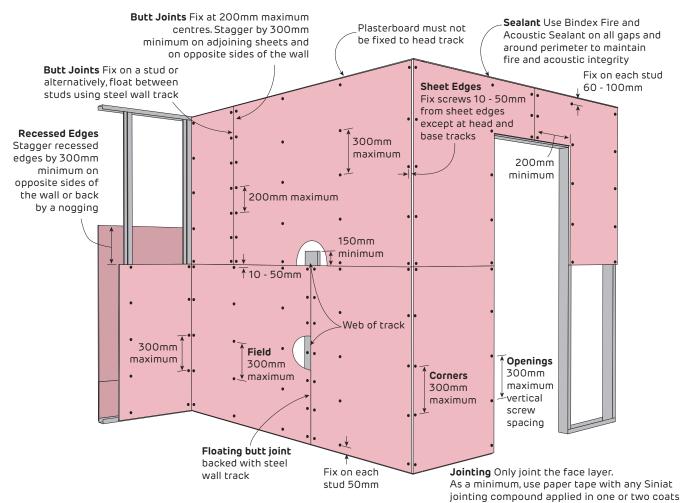
## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
10mm	0.75	1.00	1.15	1.55
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

## FIGURE 26 Fire Rated 1 Layer - Horizontal

Screw Only Method



## **Fixing Pattern Table**

Sheet Width	Fixing Pattern	
600mm	SSS(3)	
900mm	S S S S (4)	
1200mm	S S S S S (5)	
1350mm	S S S S S S (6)	
1400mm	S S S S S S (6)	

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

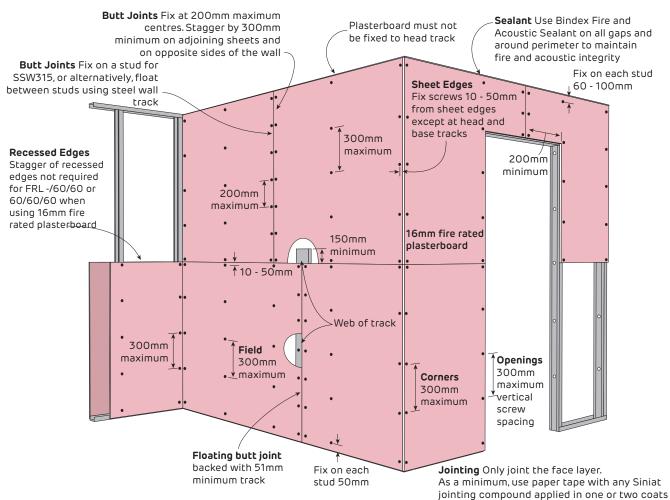
2. If higher internal wind pressures are expected, please contact Siniat for specific design.

to the thickness of two coats. Alternatively, for butt joints only, use Bindex Fire and Acoustic

Sealant according to the Product Data Sheet.



#### FIGURE 27 Fire Rated 1 Layer - Horizontal. FRL -/60/60 and 60/60/60 for systems SSW315 and SSW391 only Screw Only Method



## **Fixing Pattern Table**

Sheet Width	Fixing Pattern
600mm	S S S (3)
900mm	S S S S (4)
1200mm	S S S S S (5)
1350mm	S S S S S S (6)
1400mm	S S S S S S (6)

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

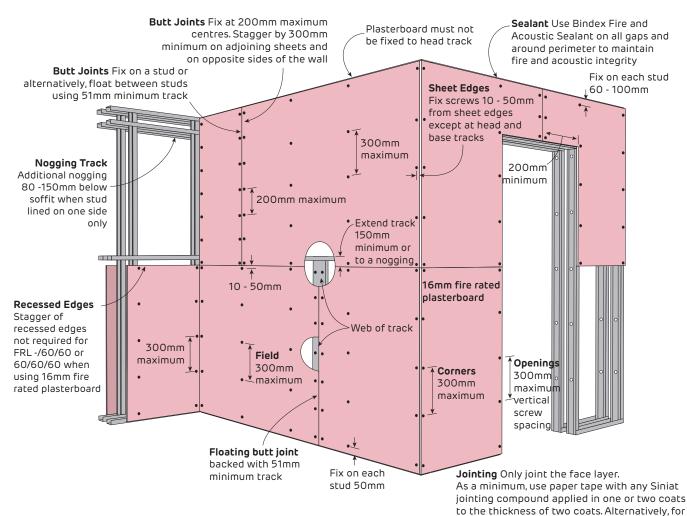
Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

2. If higher internal wind pressures are expected, please contact Siniat for specific design.

to the thickness of two coats. Alternatively, for butt joints only, use Bindex Fire and Acoustic Sealant according to the Product Data Sheet.

#### FIGURE 28 Fire Rated 1 Layer - Horizontal. FRL -/60/60 or 60/60/60 for system SSW335 only Screw Only Method



## **Fixing Pattern Table**

Sheet Width	Fixing Pattern	
600mm	S S S (3)	
900mm	S S S S (4)	
1200mm	S S S S S (5)	
1350mm	S S S S S S (6)	
1400mm	S S S S S S (6)	

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

2. If higher internal wind pressures are expected, please contact Siniat for specific design.

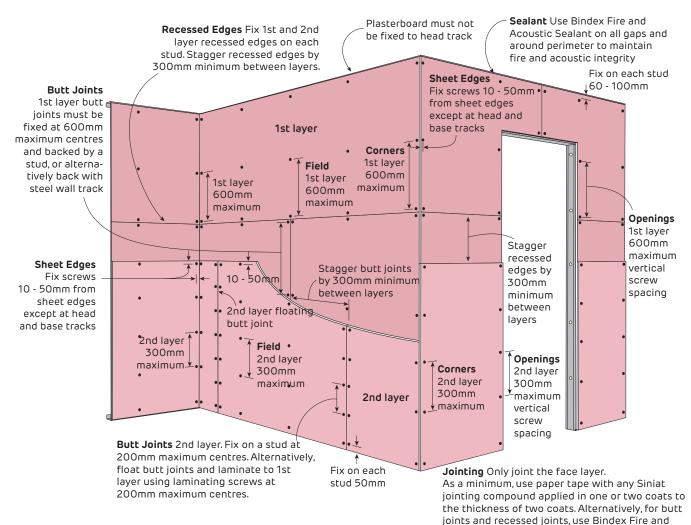
butt joints only, use Bindex Fire and Acoustic

Sealant according to the Product Data Sheet.



## FIGURE 29 Fire Rated 2 Layers - Horizontal + Horizontal

#### Screw Only Method



## **2nd Layer Fixing Pattern Table**

Sheet Width	Fixing Pattern
600mm	S S S (3)
900mm	S S S S (4)
1200mm	S S S S S (5)
1350mm	S S S S S S (6)
1400mm	S S S S S S (6)

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	M	əximum Wəl	l Stud Spaci	tud Spacing	
Thickness	600mm	450mm	400mm	300mm	
13mm	0.85	1.15	1.30	1.70	
16mm	0.85	1.15	1.30	1.70	

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

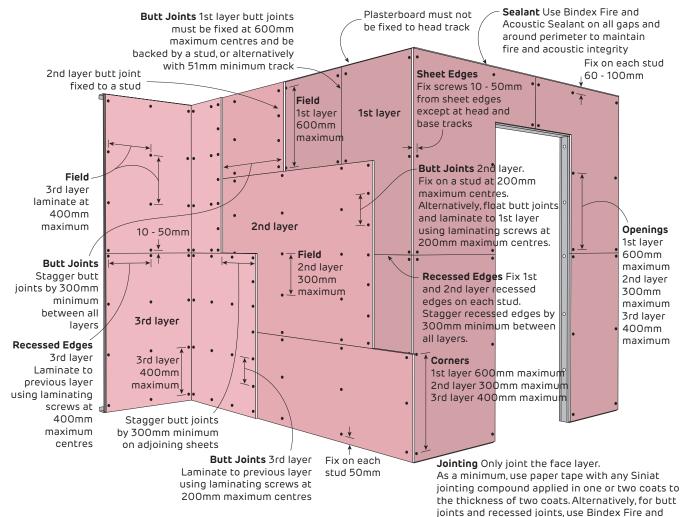
2. If higher internal wind pressures are expected, please contact Siniat for specific design.

Acoustic Sealant according to the Product Data

Sheet.

## FIGURE 30 Fire Rated 3 Layers - Horizontal + Horizontal + Horizontal

Screw Only Method



## **2nd Layer Fixing Pattern Table**

Sheet Width	Fixing Pattern		
600mm	S S S (3)		
900mm	S S S S (4)		
1200mm	S S S S S (5)		
1350mm	S S S S S S (6)		
1400mm	S S S S S S (6)		

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.65	0.85	0.95	1.30
16mm	0.65	0.85	0.95	1.30

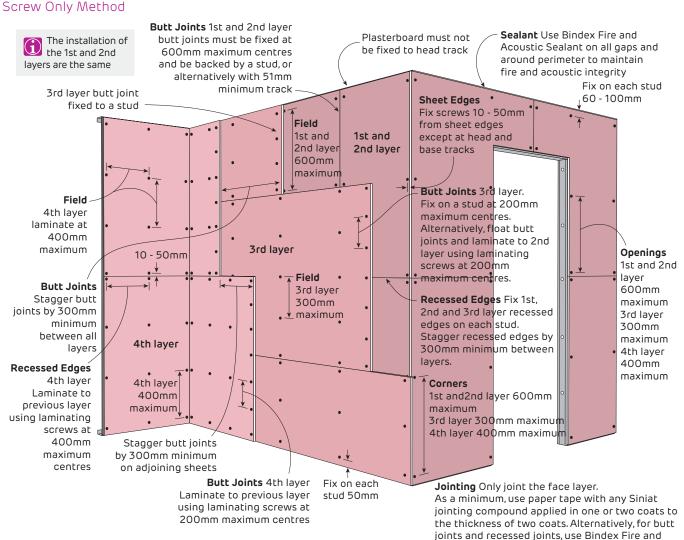
1. Calculations do not include the framing which must be independently designed to suit the desired loads.

2. If higher internal wind pressures are expected, please contact Siniat for specific design.

Acoustic Sealant according to the Product Data

Sheet.





## FIGURE 31 Fire Rated 4 Layers - Horizontal + Horizontal + Horizontal + Horizontal

## **3rd Layer Fixing Pattern Table**

Sheet Width	Fixing Pattern		
600mm	S S S (3)		
900mm	S S S S (4)		
1200mm	S S S S S (5)		
1350mm	S S S S S S (6)		
1400mm	S S S S S S (6)		

S = Screw

## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	M	aximum Wall Stud Spacing		
Thickness	600mm	450mm	400mm	300mm
13mm	0.65	0.85	0.95	1.30
16mm	0.65	0.85	0.95	1.30

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

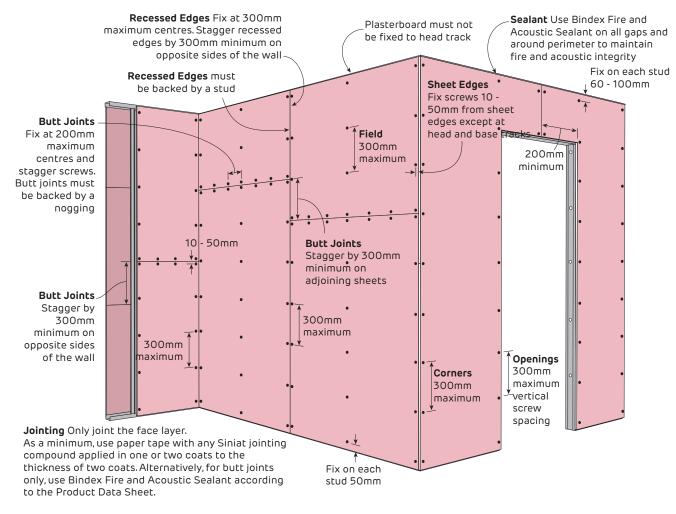
2. If higher internal wind pressures are expected, please contact Siniat for specific design.

Acoustic Sealant according to the Product Data

Sheet.

## FIGURE 32 Fire Rated 1 Layer - Vertical

Screw Only Method



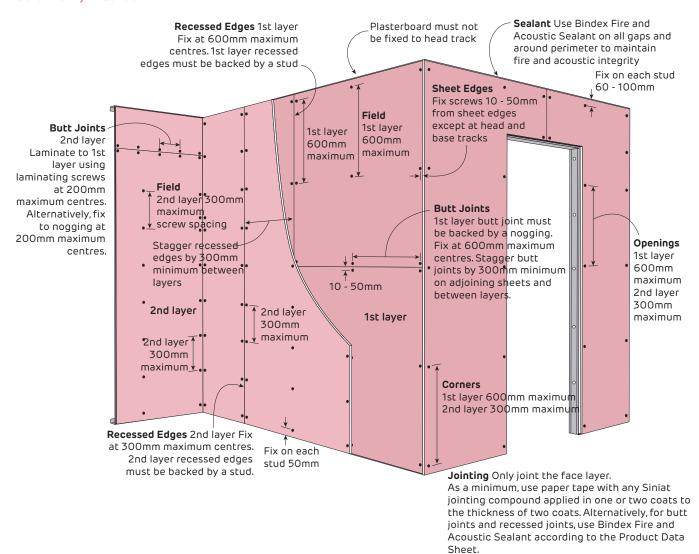
## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			ng
Thickness	600mm	450mm	400mm	300mm
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.



#### FIGURE 33 Fire Rated 2 Layers - Vertical + Vertical Screw Only Method

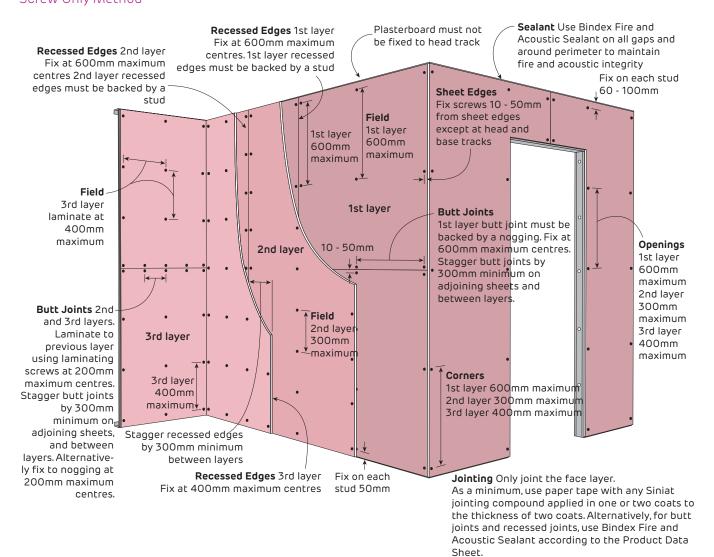


## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.85	1.15	1.30	1.70
16mm	0.85	1.15	1.30	1.70

1. Calculations do not include the framing which must be independently designed to suit the desired loads.

#### FIGURE 34 Fire Rated 3 Layers - Vertical + Vertical + Vertical Screw Only Method

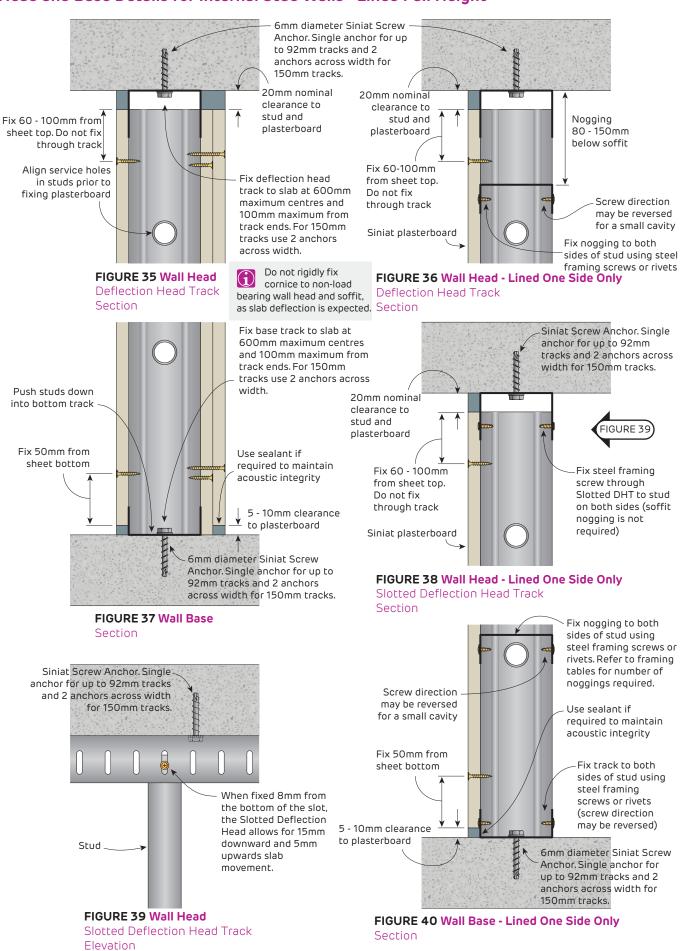


## Maximum Ultimate Limit State Wind Load Table (kPa)

Plasterboard	Maximum Wall Stud Spacing			
Thickness	600mm	450mm	400mm	300mm
13mm	0.65	0.85	0.95	1.30
16mm	0.65	0.85	0.95	1.30

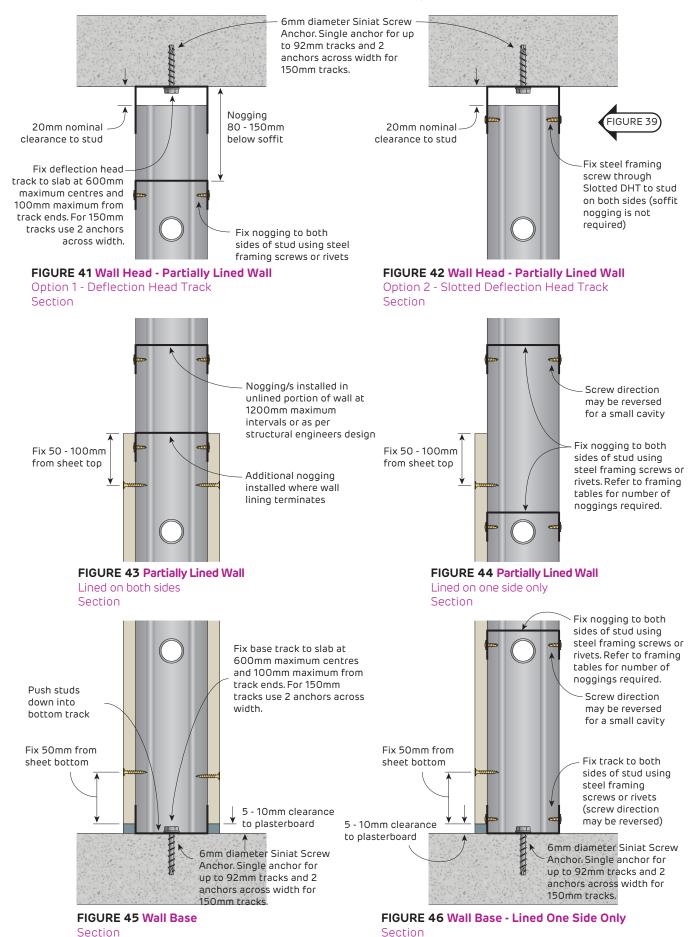
1. Calculations do not include the framing which must be independently designed to suit the desired loads.



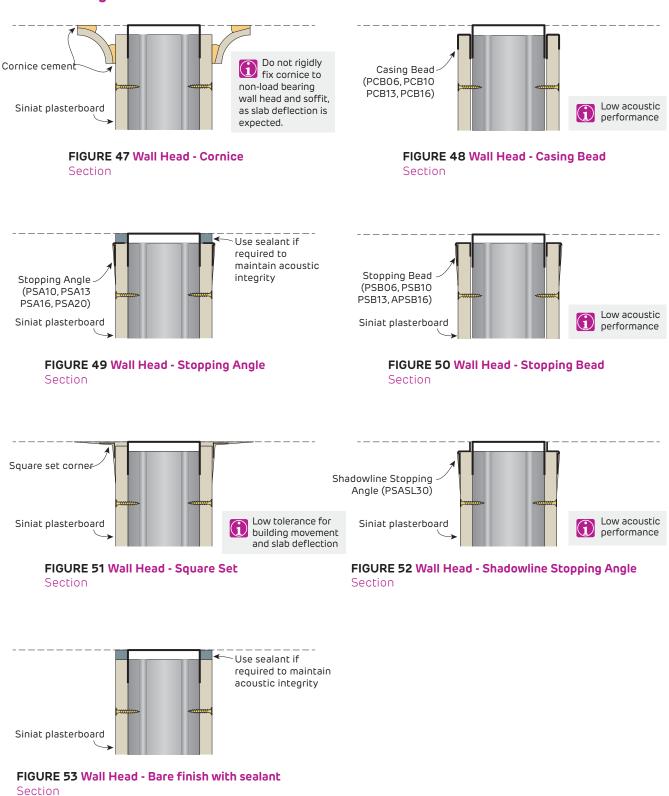


### Non-Fire Rated Head and Base Details for Internal Stud Walls - Lined Full Height

## Non-Fire Rated Head and Base Details for Internal Stud Walls - Partially Lined



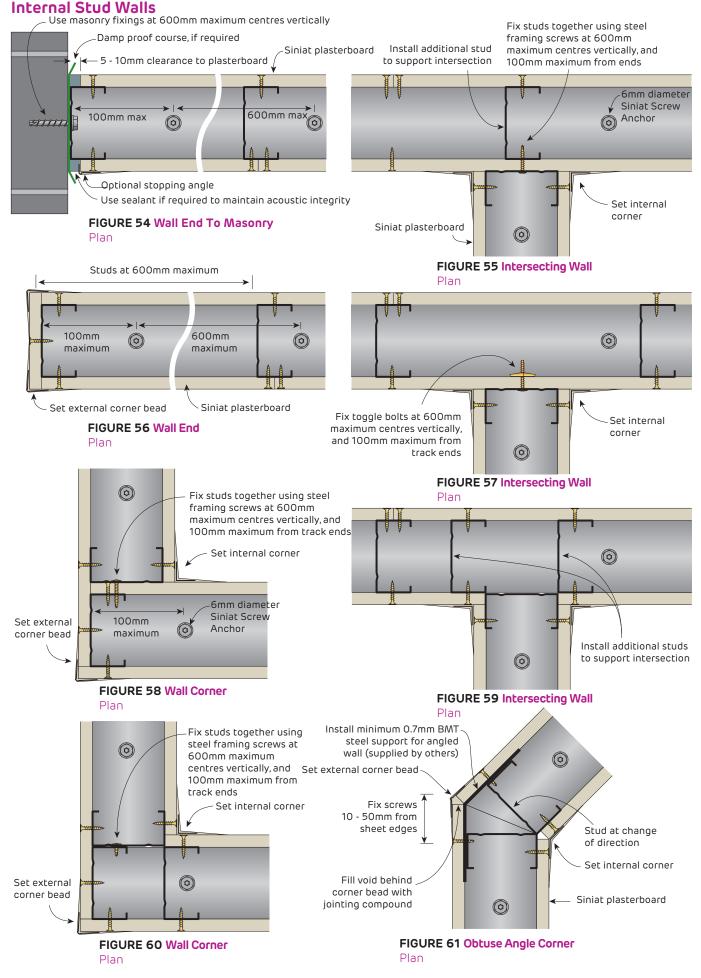




#### Non-Fire Rated Head Finishing Details for Internal Stud Walls

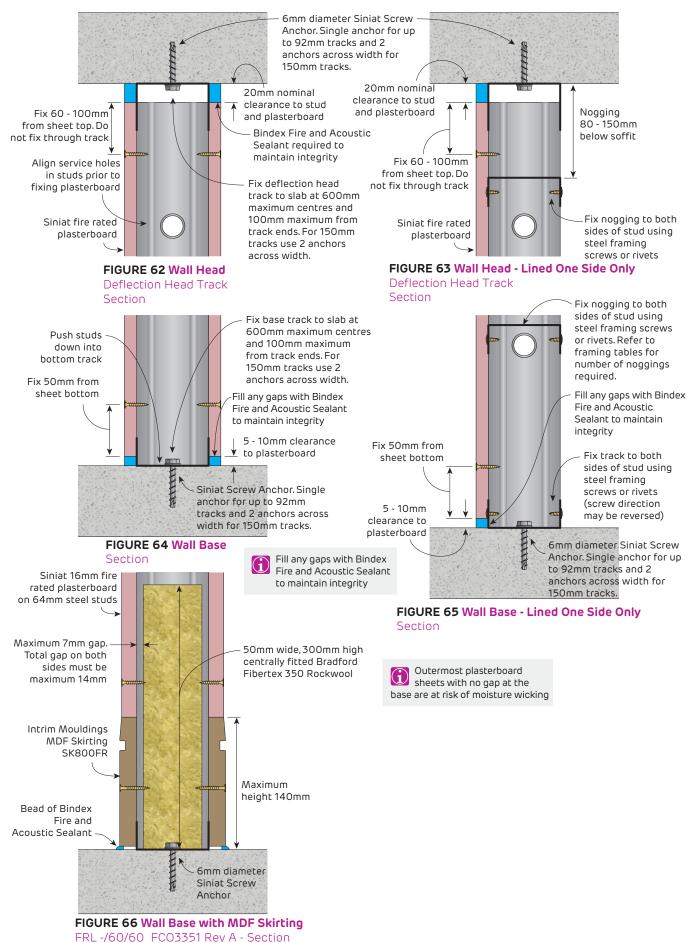


# Non-Fire Rated

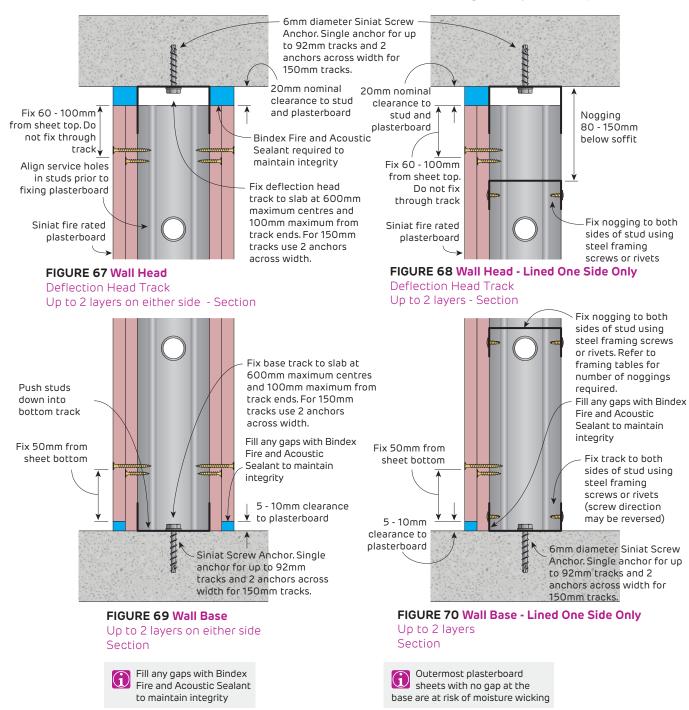




# Fire Rated Head and Base Details for Internal Stud Walls - Lined Full Height - Single Layer

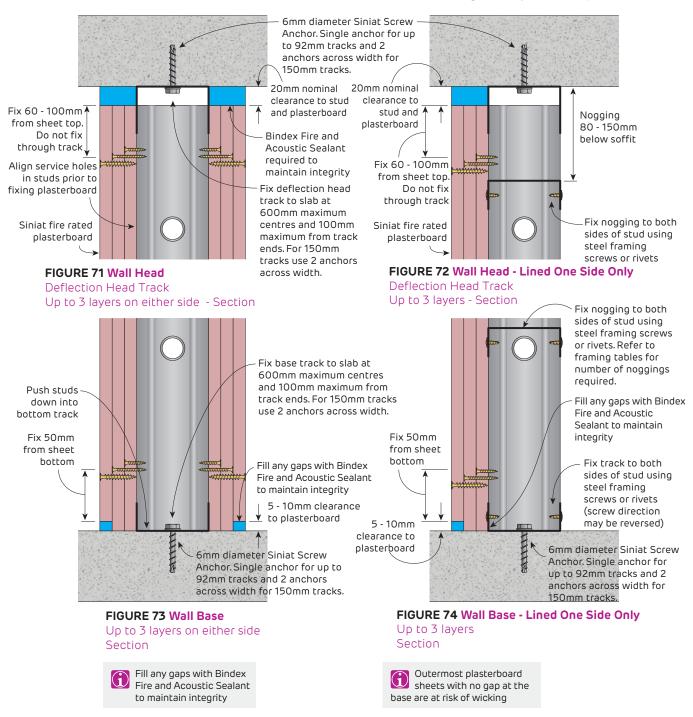


#### Fire Rated Head and Base Details for Internal Stud Walls - Lined Full Height - Up to 2 Layers

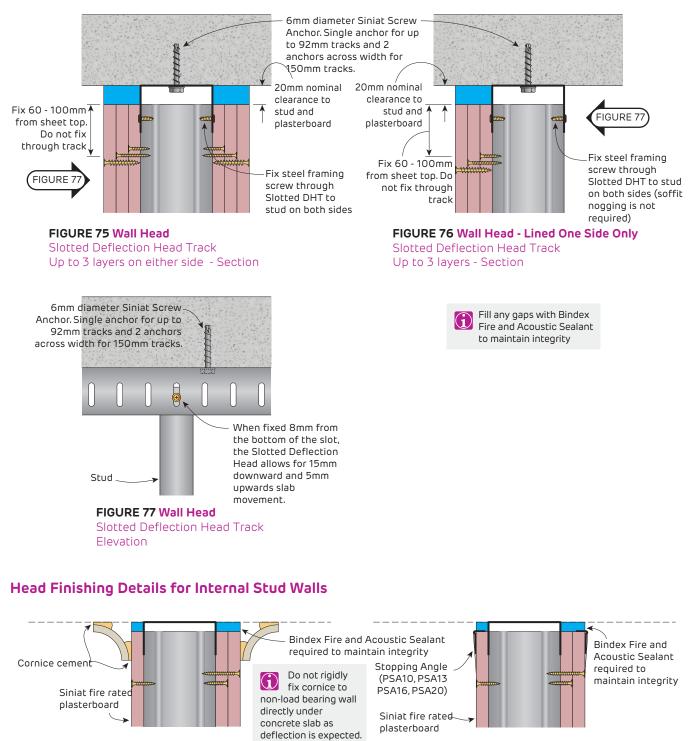




#### Fire Rated Head and Base Details for Internal Stud Walls - Lined Full Height - Up to 3 Layers



#### Fire Rated Head and Base Details for Internal Stud Walls - Lined Full Height - Up to 3 Layers



#### FIGURE 79 Wall Head - Stopping Angle Section



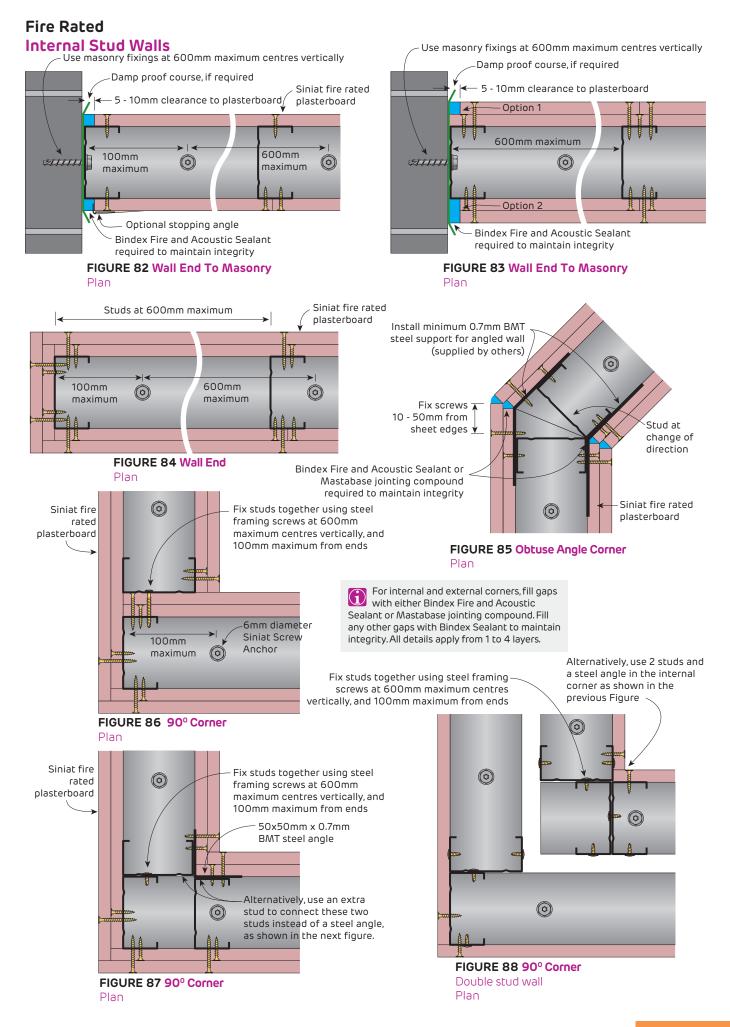
FIGURE 80 Wall Head - Square Set Section

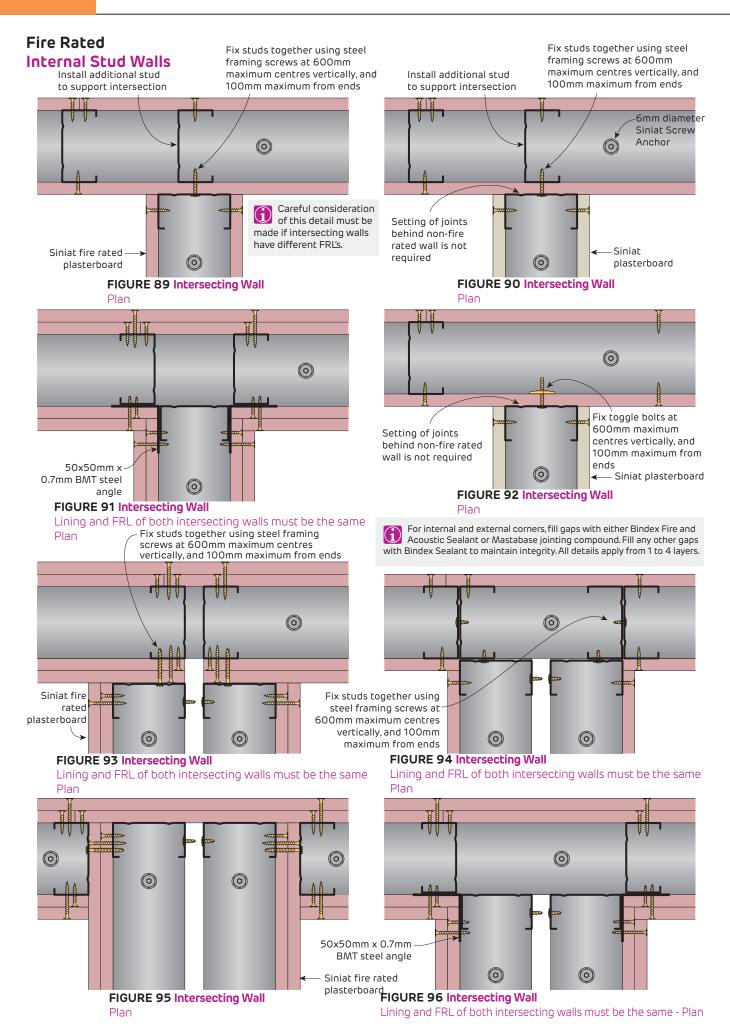
FIGURE 78 Wall Head - Cornice

Section

FIGURE 81 Wall Head - Bare finish with sealant Section

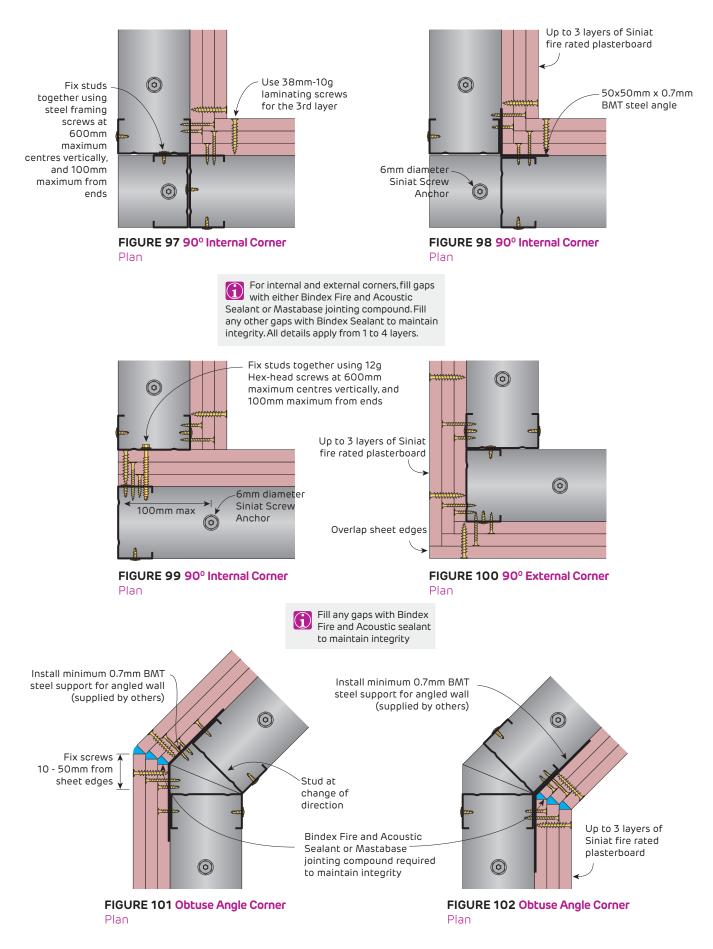




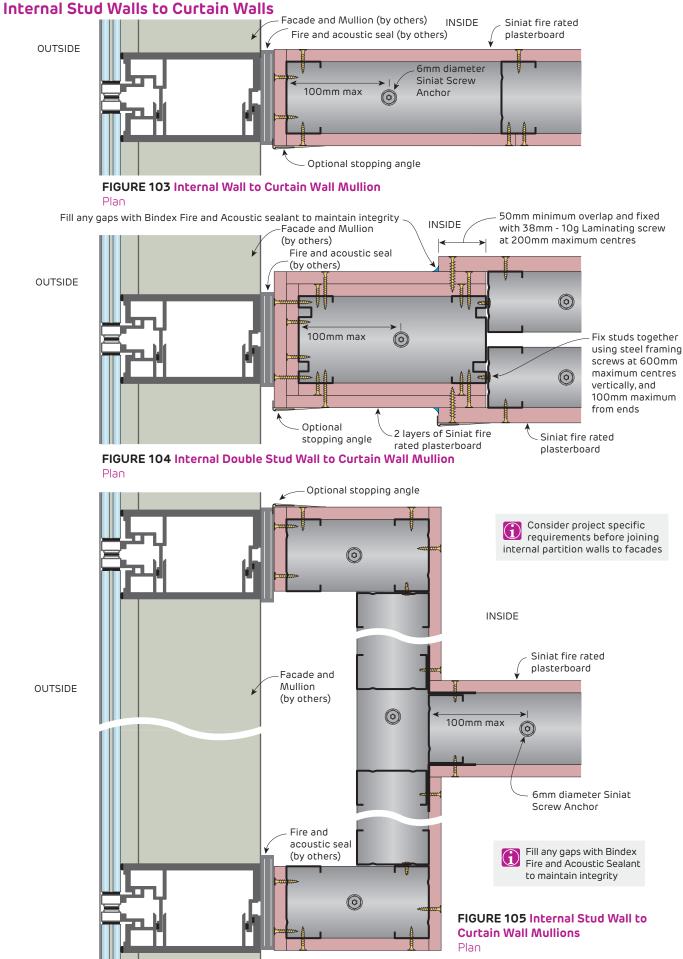


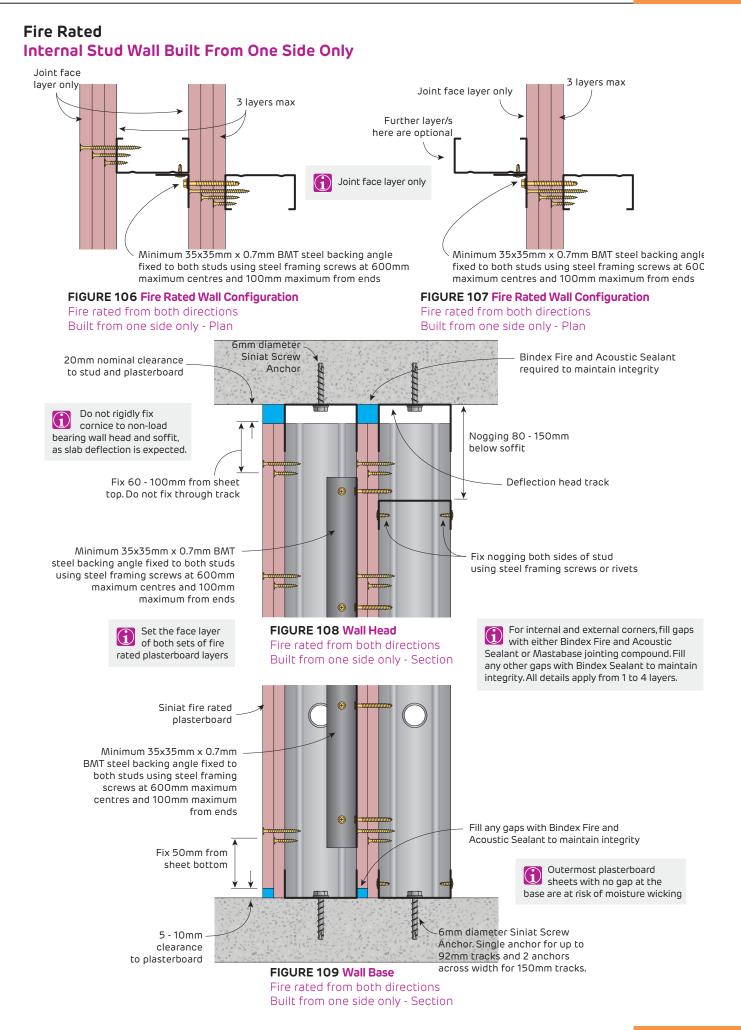


#### Fire Rated Internal Stud Walls



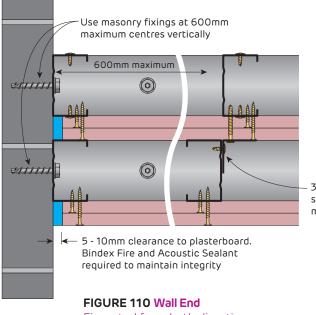
# Fire Rated





#### Technical Advice 1300 724 505 siniat.com.au

# Fire Rated Internal Stud Wall Built From One Side Only



Fire rated from both directions Built from one side only - Plan Set the face layer of both sets of fire rated plasterboard layers

35x35mm x 0.7mm BMT steel angle fixed to both studs using steel framing screws at 600mm maximum centres and 100mm maximum from ends

> For internal and external corners, fill gaps with either Bindex Fire and Acoustic Sealant or Mastabase jointing compound. Fill any other gaps with Bindex Sealant to maintain integrity. All details apply from 1 to 4 layers.

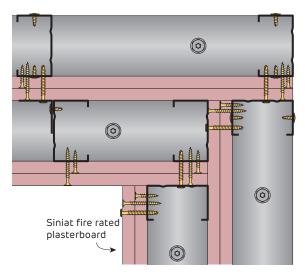
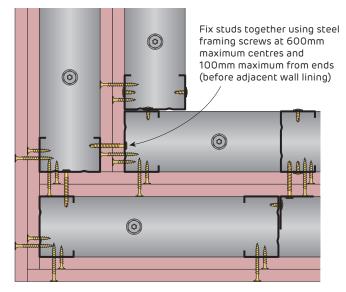


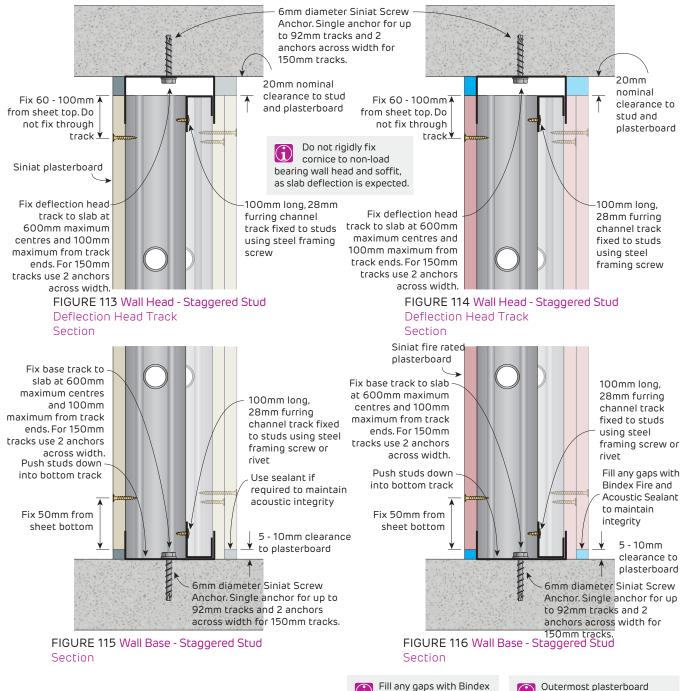
FIGURE 111 Wall Internal Corner Fire rated from both directions Built from one side only - Plan



**FIGURE 112 Wall External Corner** Fire rated from both directions Built from one side only - Plan



# Fire Rated and Non-Fire Rated Head and Base Details for Internal Staggered Stud Walls - Lined Full Height



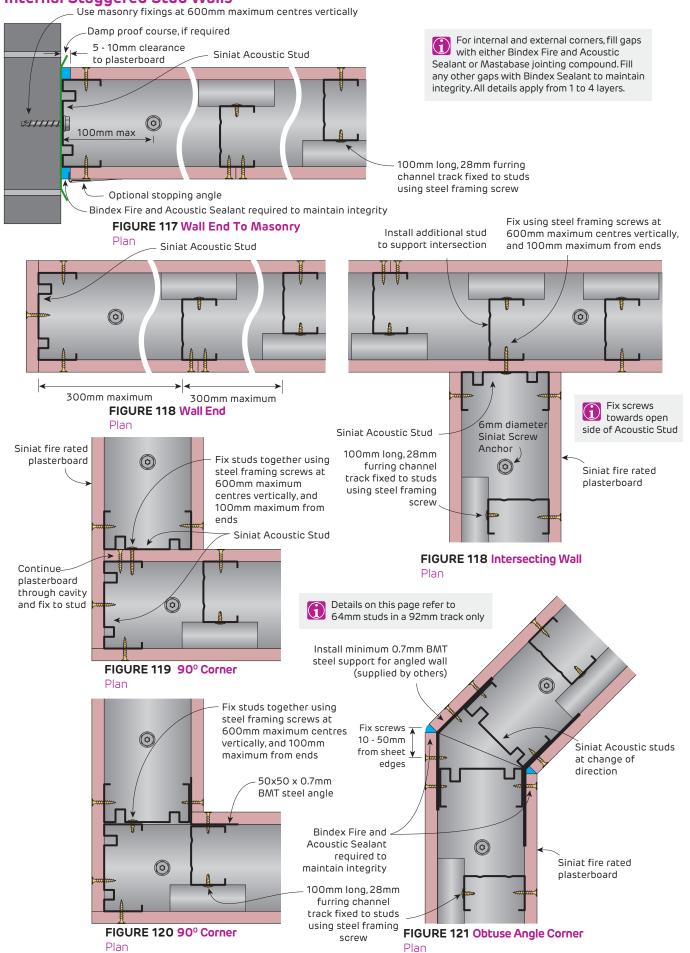
Fire and Acoustic Sealant

to maintain integrity

sheets with no gap at the

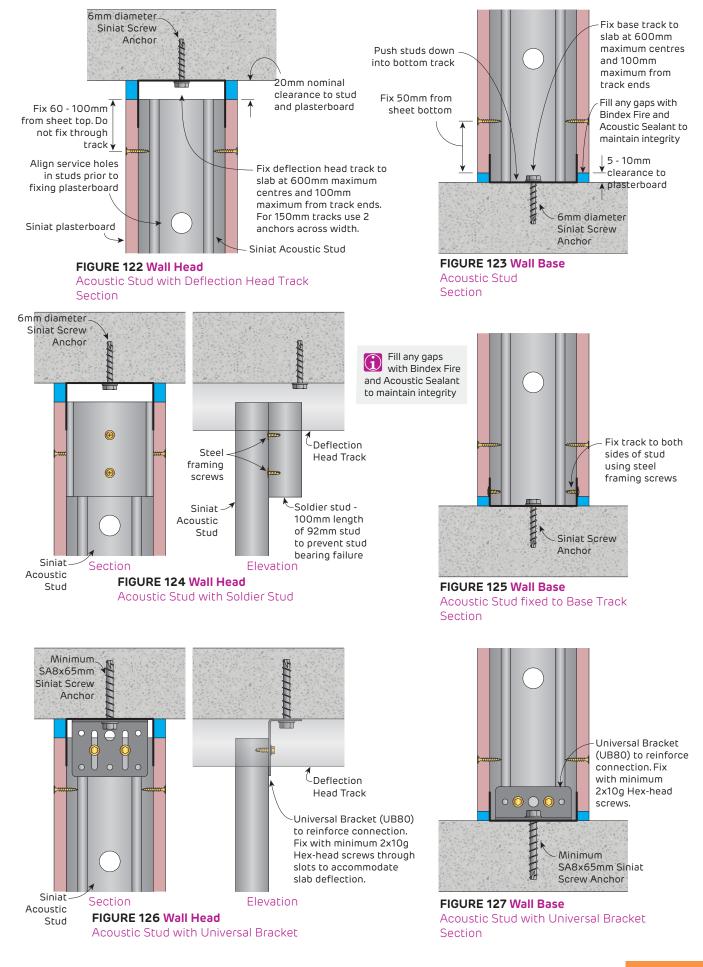
base are at risk of moisture wicking

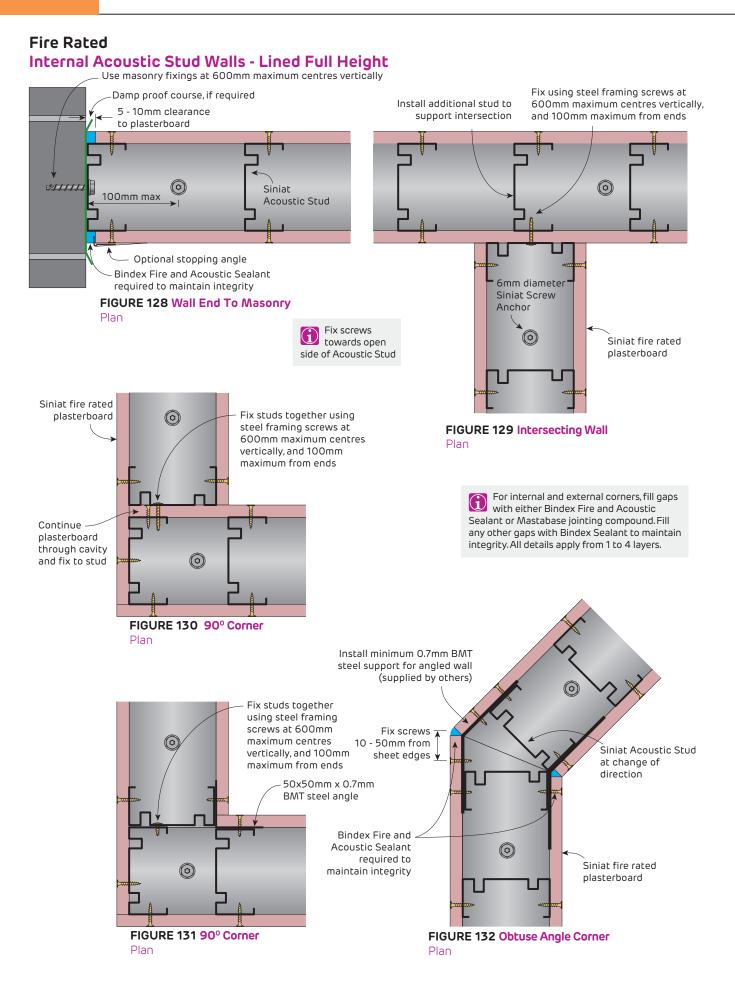
Fire Rated Internal Staggered Stud Walls





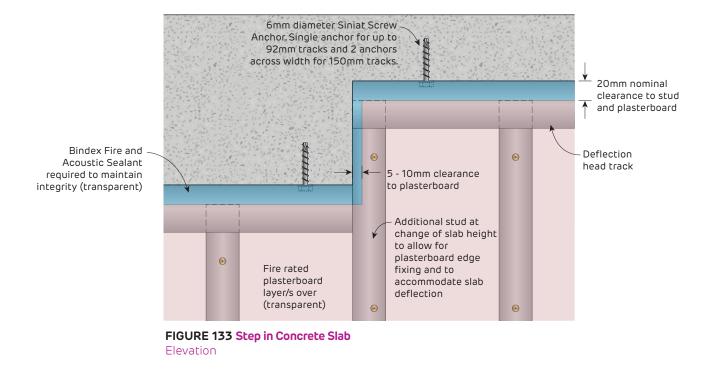
# Fire Rated and Non-Fire Rated Head and Base Details for Internal Acoustic Stud Walls - Lined Full Height







## Fire Rated Step in Concrete Slab Detail for Internal Stud Walls



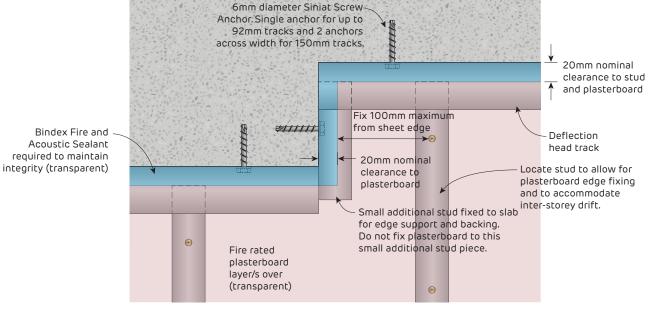


FIGURE 134 Step in Concrete Slab with 20mm allowance for Inter-Storey Drift Elevation

Do not rigidly fix cornice to

non-load bearing wall head and soffit, as slab deflection is expected.

 $(\mathbf{i})$ 

#### Fire Rated Sliding Connection Details for Internal Stud Walls

Install additional stud to support intersection

Fix studs together using steel framing screws at 600mm maximum centres vertically, and 100mm maximum from ends

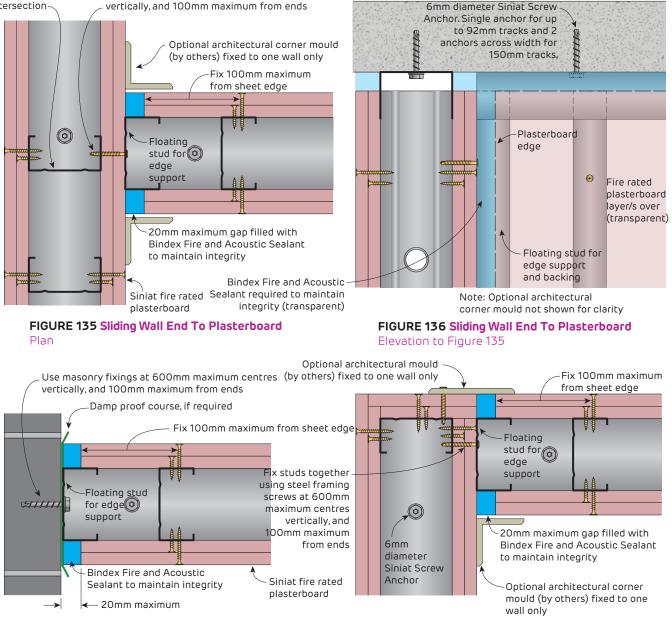


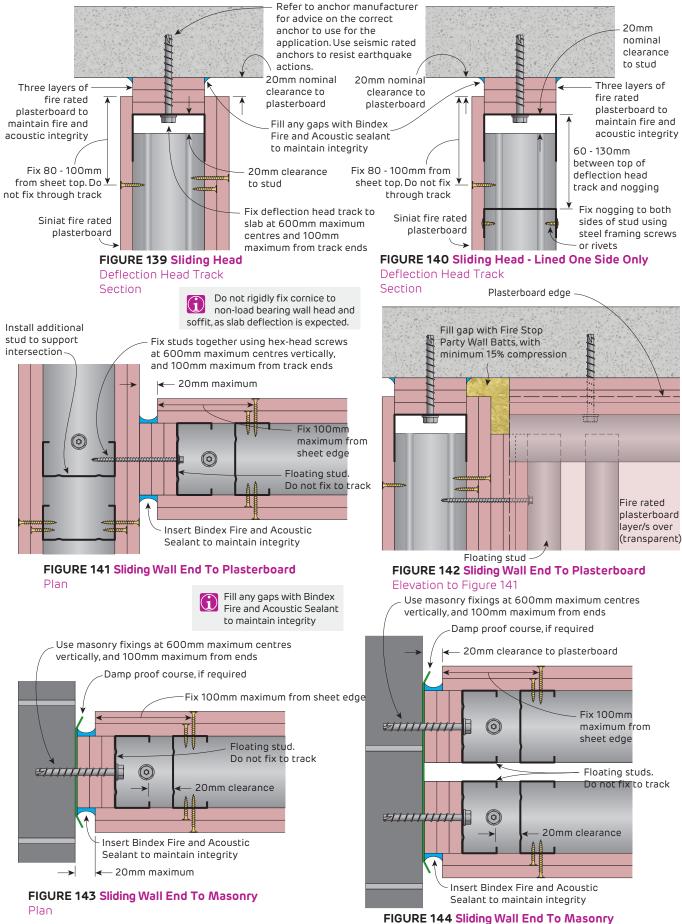
FIGURE 137 Sliding Wall End To Masonry Plan

FIGURE 138 90° Sliding Corner Plan

Fill any gaps with Bindex Fire and Acoustic Sealant to maintain integrity

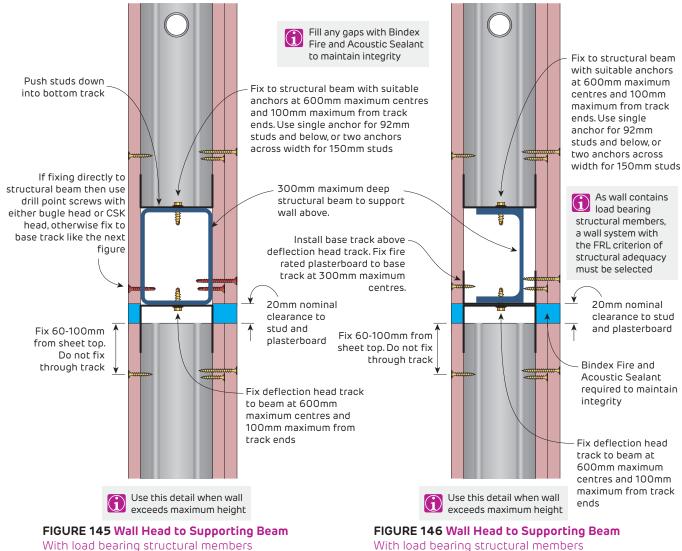






Plan

# Fire Rated Internal Stud Walls with Integrated Structural Beams to Extend Wall Heights

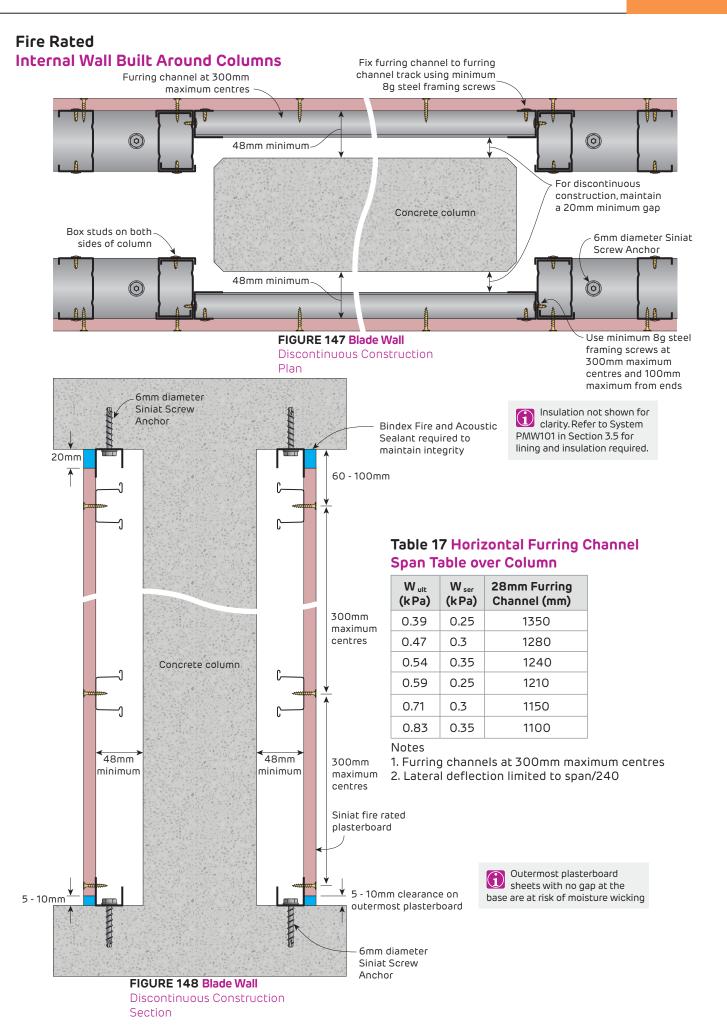


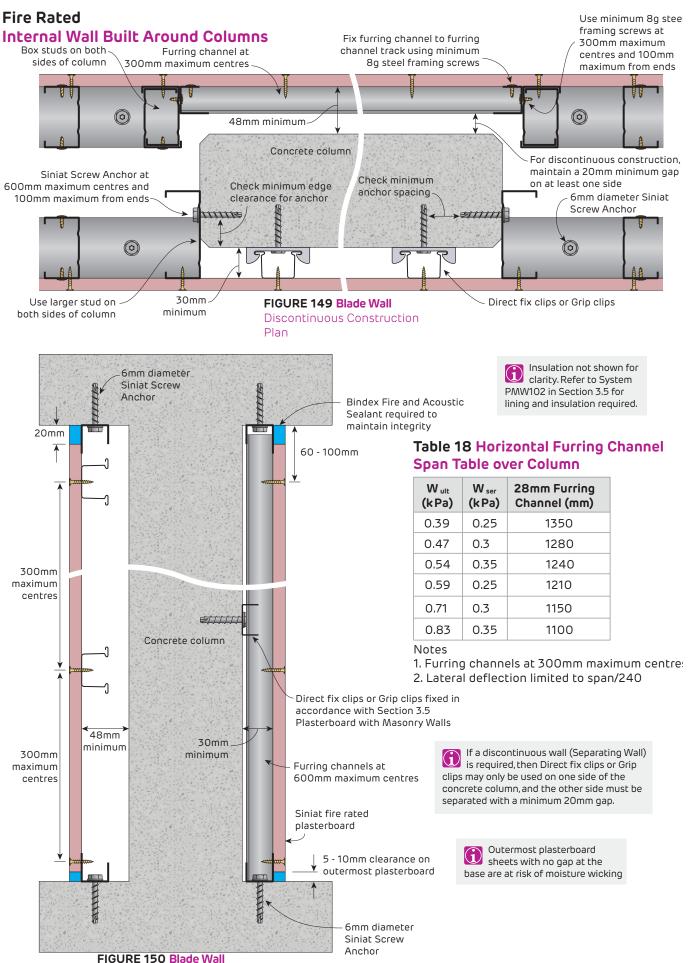
Section

# Section

#### Table 16 Suggested Sizing of Structural Members in Steel Stud Plasterboard Walls

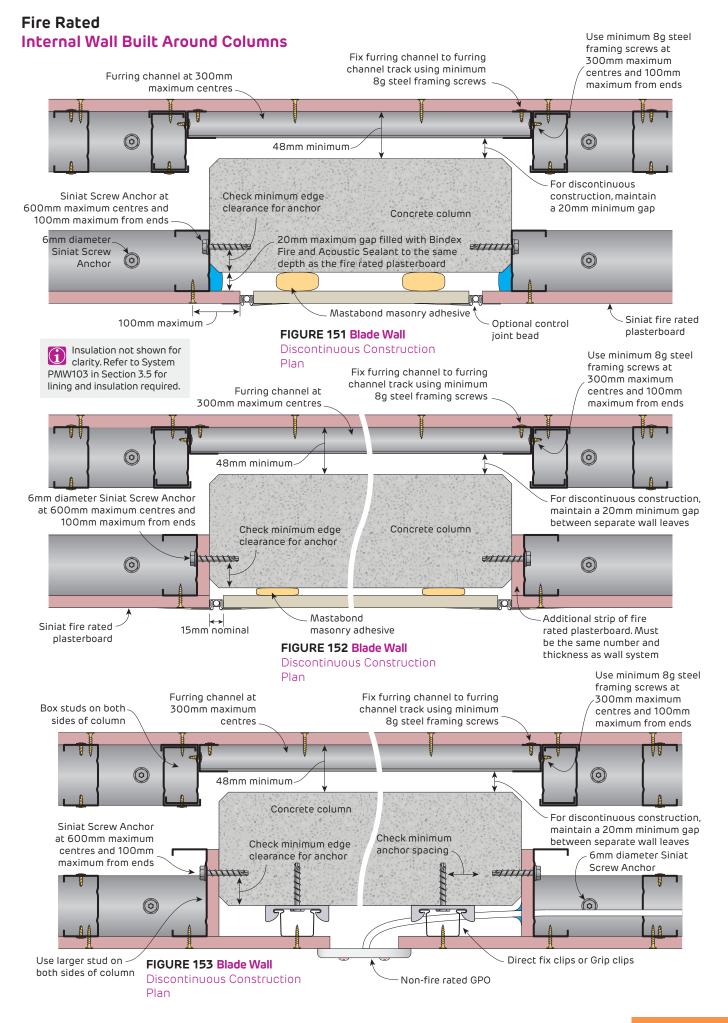
	Structural Members		
Stud Size (mm)	RHS	SHS	PFC
51	75x50 RHS 100x50 RHS 127x51 RHS 150x50 RHS	50x50 SHS	75PFC5.92 100PFC8.33
64	75x50 RHS 100x50 RHS 127x51 RHS 150x50 RHS	50x50 SHS	100PFC8.33
76	125x75 RHS 102x76 RHS 152x76 RHS	65x65 SHS 75x75 SHS	150PFC17.7 180PFC20.9 200PFC22.9 230PFC25.1
92	125x75 RHS 102x76 RHS 152x76 RHS	75x75 SHS 89x89 SHS 90x90 SHS	-
150	250x150 RHS	150x150 SHS	-





Discontinuous Construction Section





## Fire Rated Internal Wall Built Around Columns

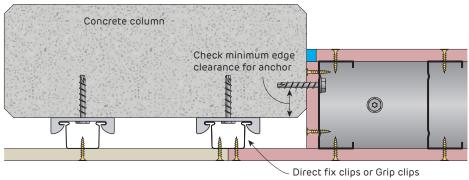
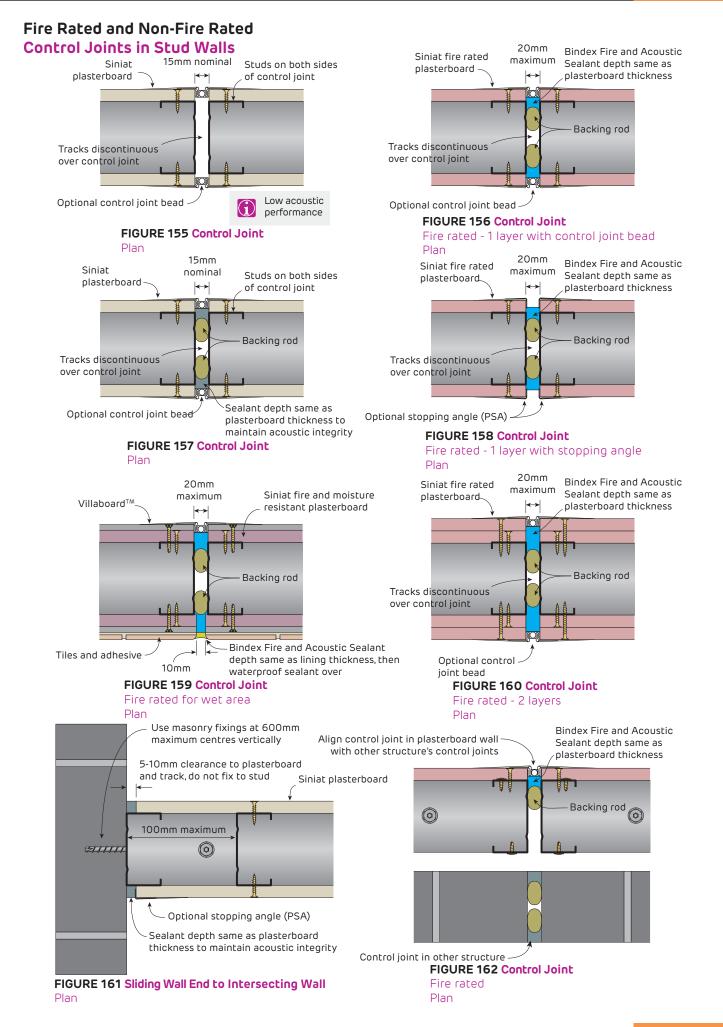


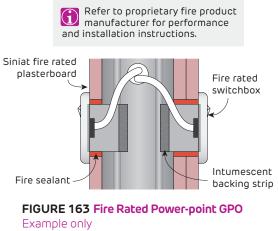
FIGURE 154 Fire rated Partition Wall to Concrete Column Plan



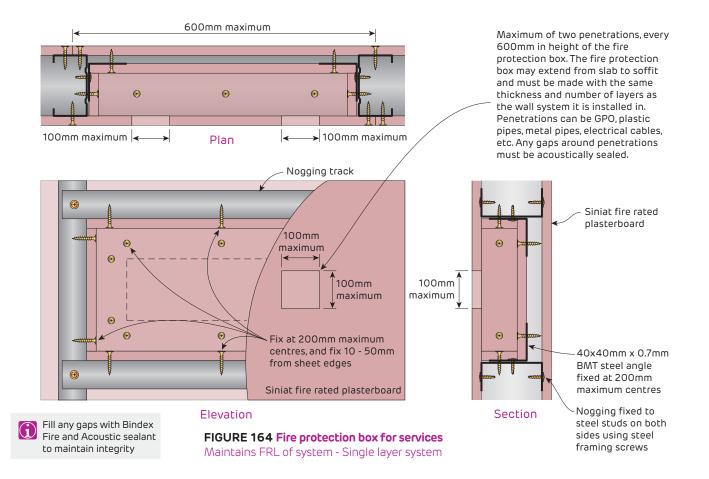


 $\widehat{\mathbf{M}}$ 

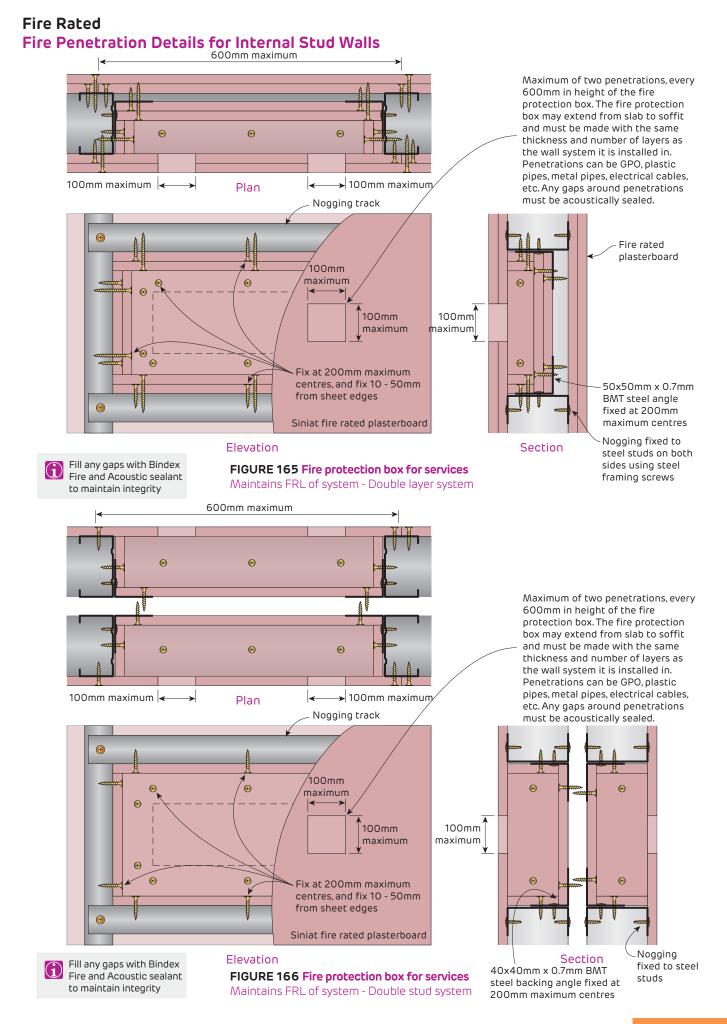
### Fire Rated Fire Penetration Details for Internal Stud Walls



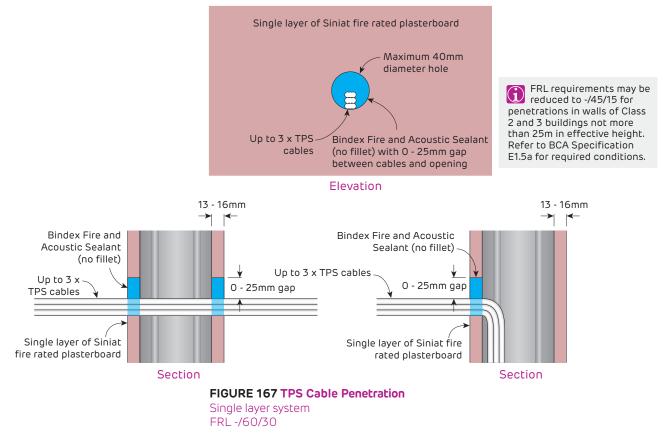




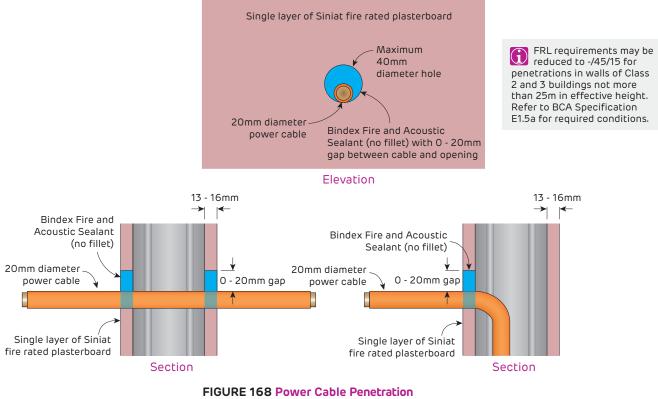


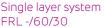






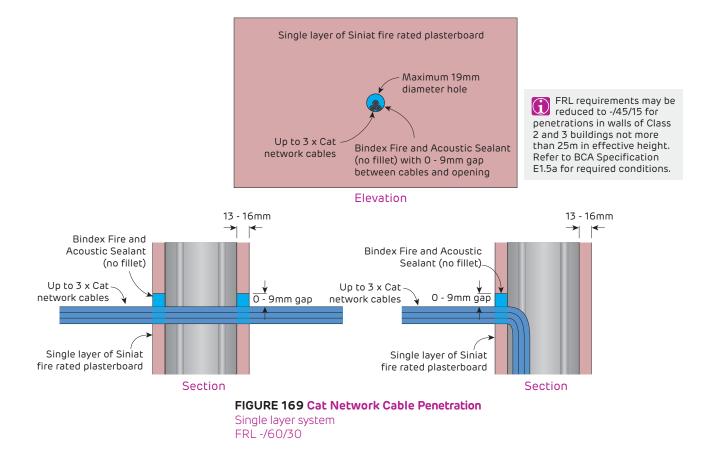
### Fire Rated Power Cable Penetration Details for Stud Walls



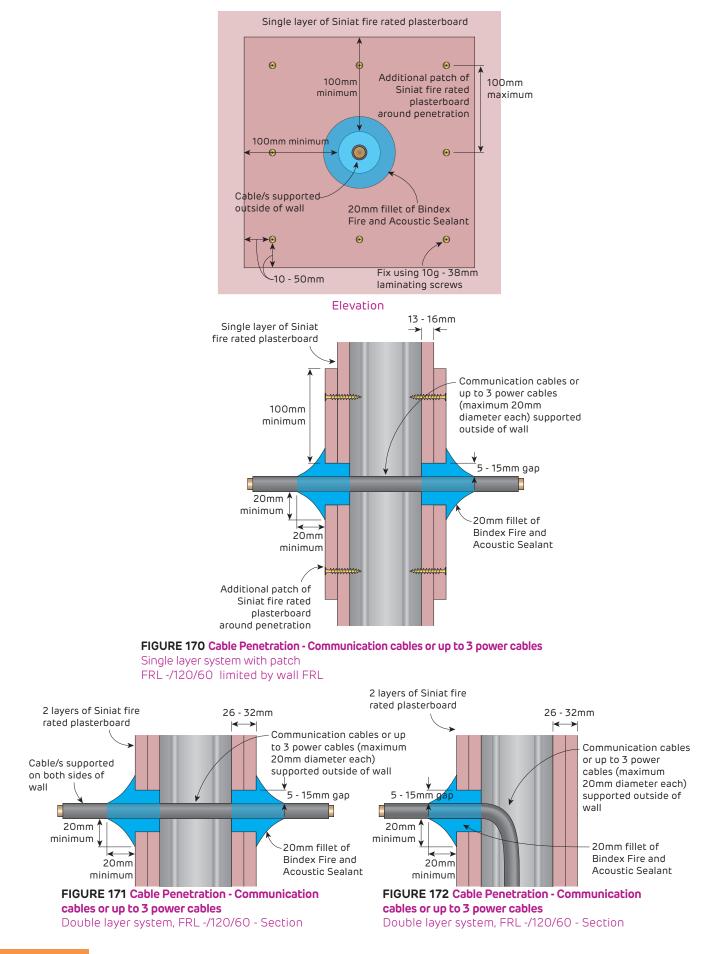






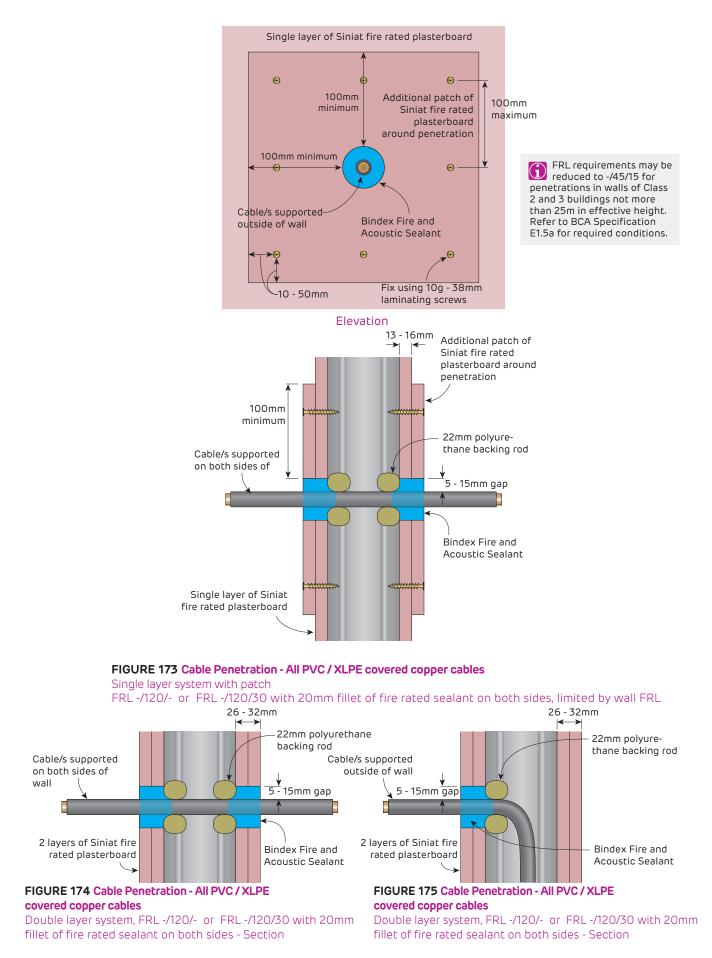




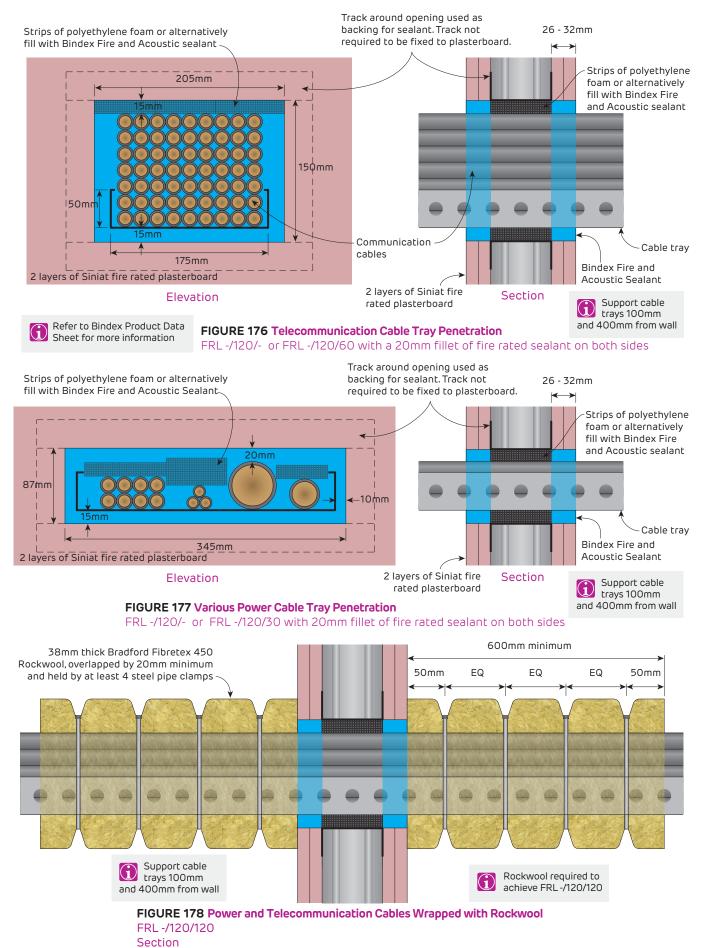






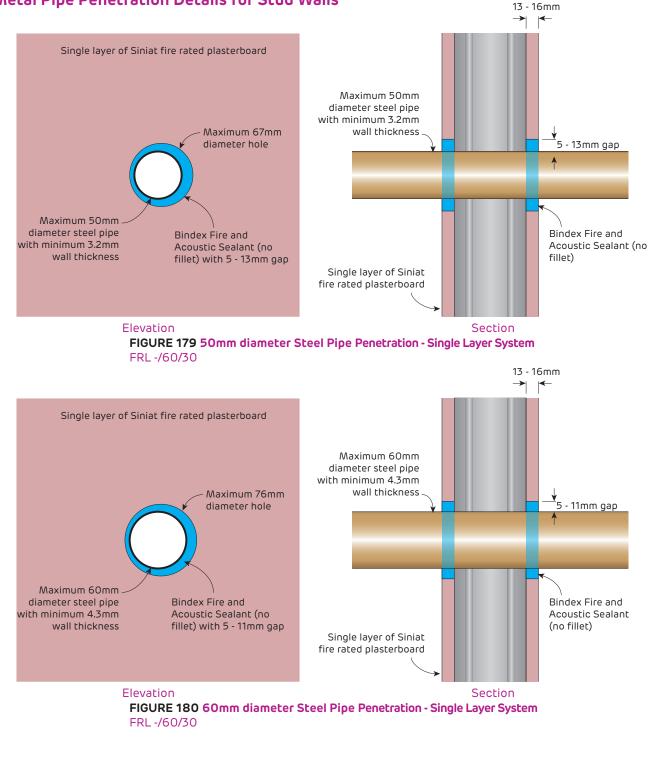


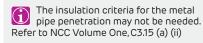
#### Fire Rated Power and Telecommunication Cable Penetration Details for Stud Walls





### Fire Rated Metal Pipe Penetration Details for Stud Walls







Additional patch of

plasterboard around

5 - 15mm gap

20mm fillet of

Bindex Fire and

Additional patch of

plasterboard around

22mm polyurethane

5 - 15mm gap

Bindex Fire and

Acoustic Sealant

Siniat fire rated

penetration

backing rod

Acoustic Sealant

Siniat fire rated

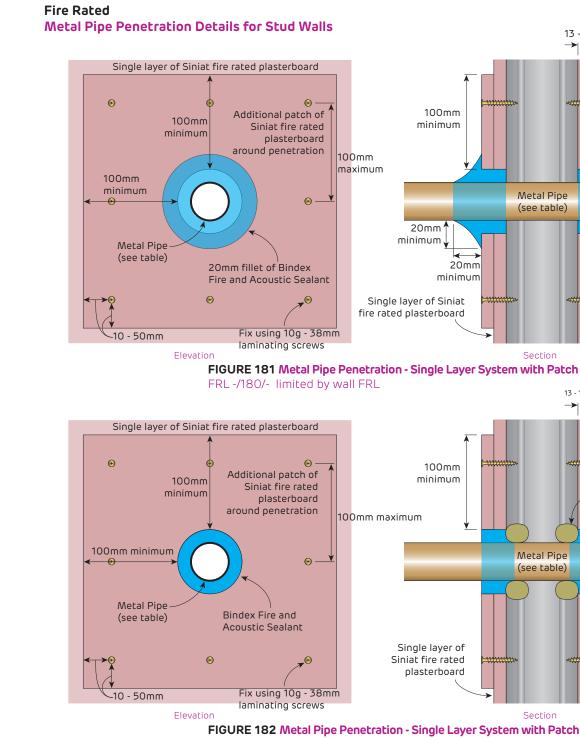
penetration

13 - 16mm

→ 1

13 - 16mm

→





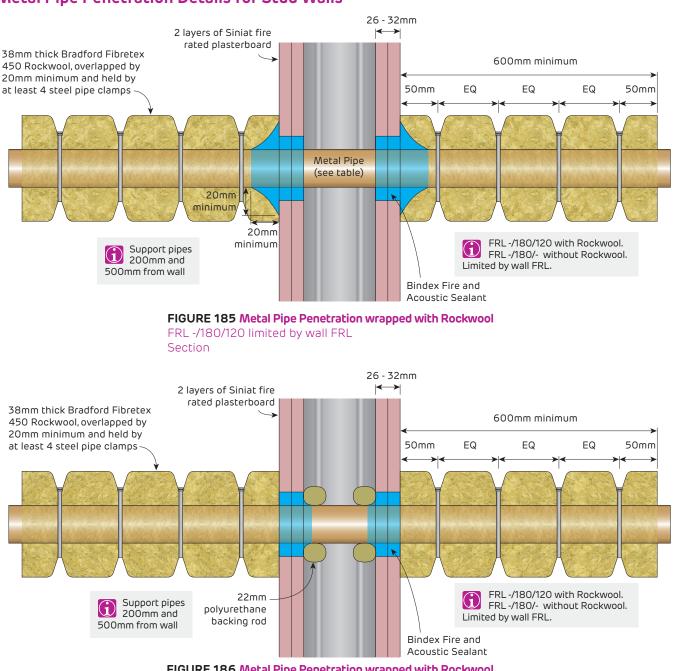
Double Layer System FRL -/180/- limited by wall FRL

Section

FIGURE 184 Metal Pipe Penetration

Double Layer System FRL -/180/- limited by wall FRL Section





#### Fire Rated Metal Pipe Penetration Details for Stud Walls

FIGURE 186 Metal Pipe Penetration wrapped with Rockwool FRL -/180/120 limited by wall FRL Section

#### Table 19 Sizes for Copper, Brass or Ferrous Pipes

Maximum Pipe Diameter (mm)	Minimum Wall Thickness (mm)			
31.75	0.91			
38.1	0.91			
50.8	0.91			
63.5	0.91			
76.2	1.22			
88.9	1.22			
101.6	1.22			
127	1.42			
152.4	1.63			
	(mm) 31.75 38.1 50.8 63.5 76.2 88.9 101.6 127			



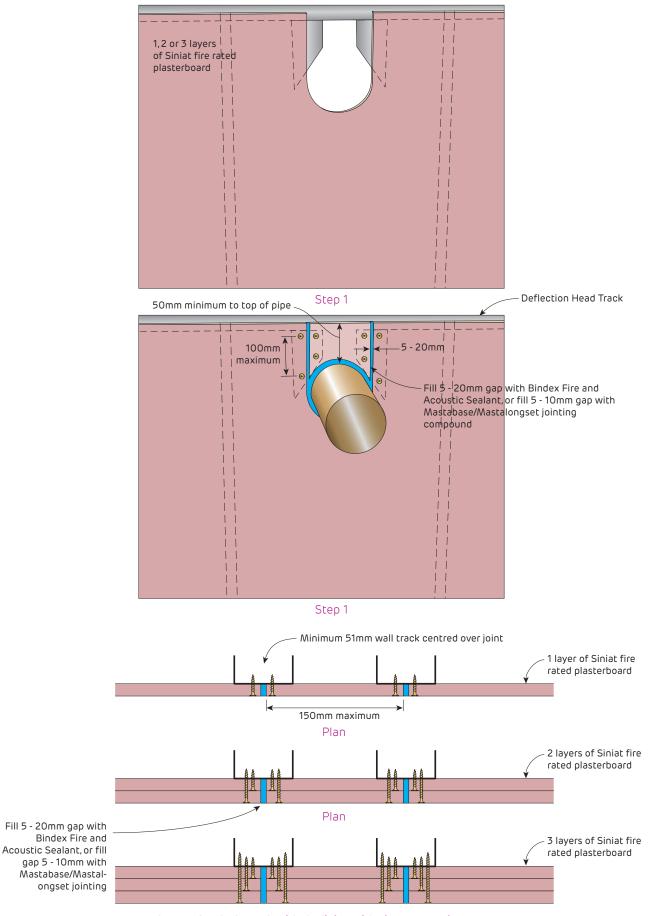
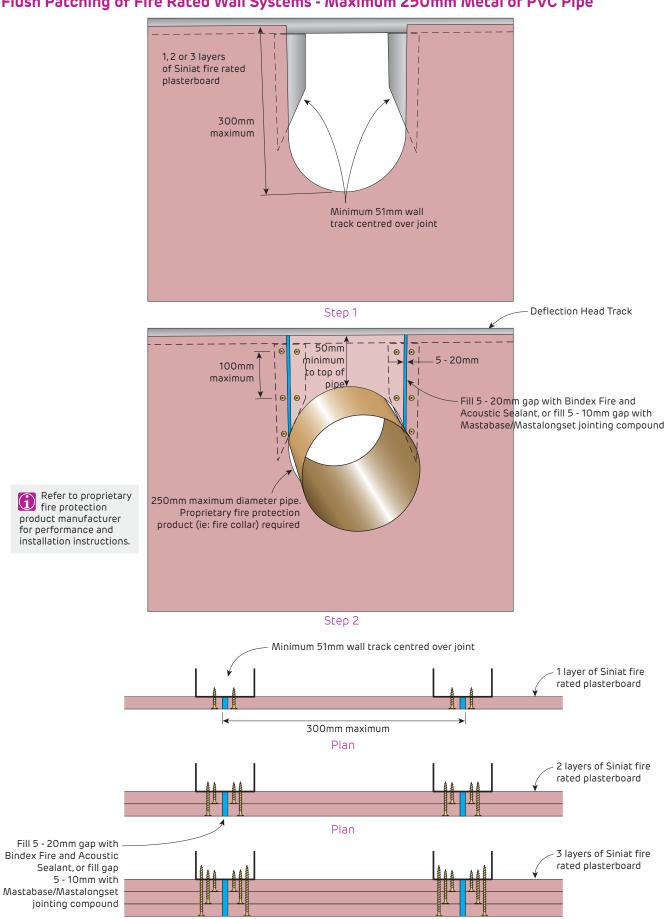


FIGURE 187 Flush patch with the lining with pipe penetration Maximum 150mm pipes as per Table 19 - Refer to previous pages for FRL





#### Fire Rated Flush Patching of Fire Rated Wall Systems - Maximum 250mm Metal or PVC Pipe

FIGURE 188 Flush patch with the lining with pipe penetration Maximum 250mm diameter pipe - FRL depends on selected proprietary penetration seal



# Fire Rated

## Patching of Pipe Near Deflection Head Track - Single Layer - 50mm or 60mm dia Steel Pipe

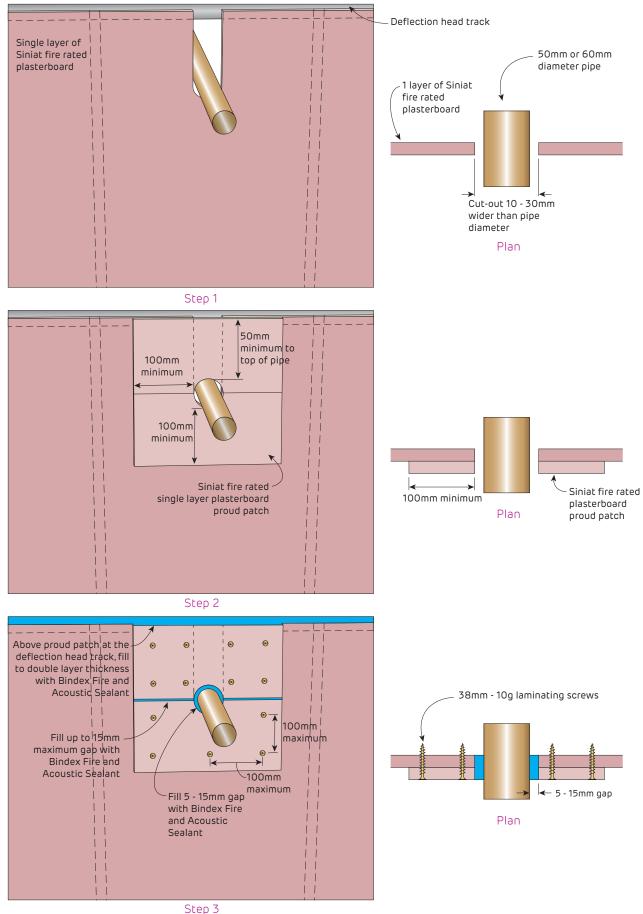
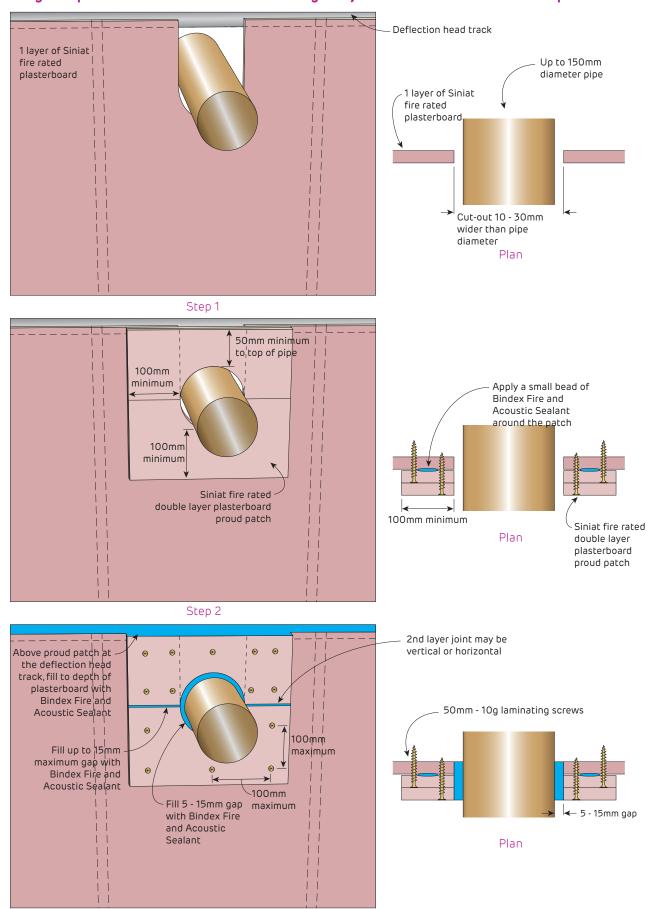


FIGURE 189 Proud patch around pipe penetration near deflection head track Maximum 60mm diameter pipe - FRL -/60/30



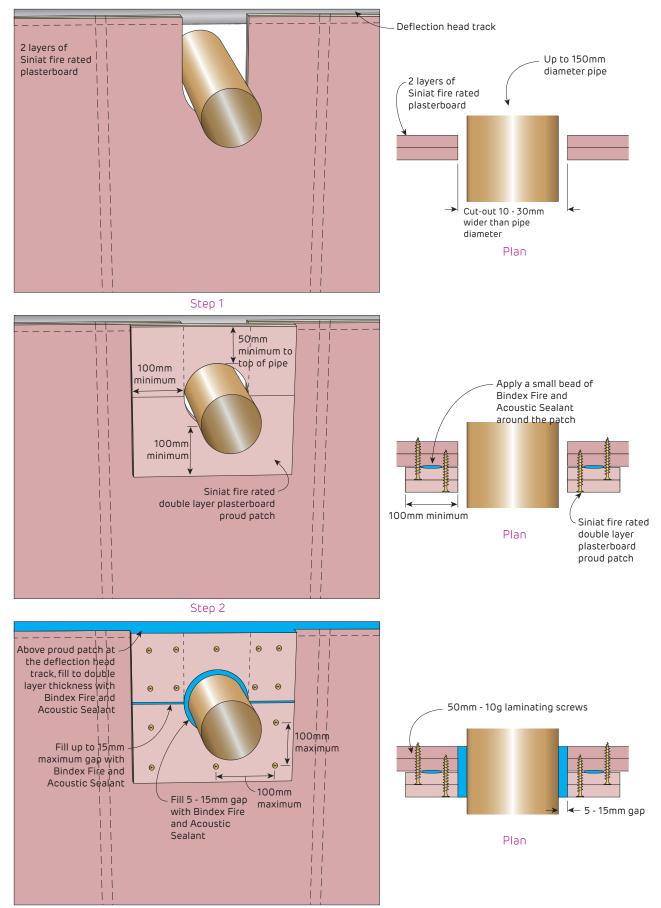
#### Fire Rated Patching of Pipe Near Deflection Head Track - Single Layer - Maximum 150mm Metal Pipe

Step 3 FIGURE 190 Proud patch around pipe penetration near deflection head track Maximum 150mm pipes as per Table 19, FRL -/180/- or -/180/120 with Rockwool as previously shown, with FRL limited by wall FRL



# Fire Rated

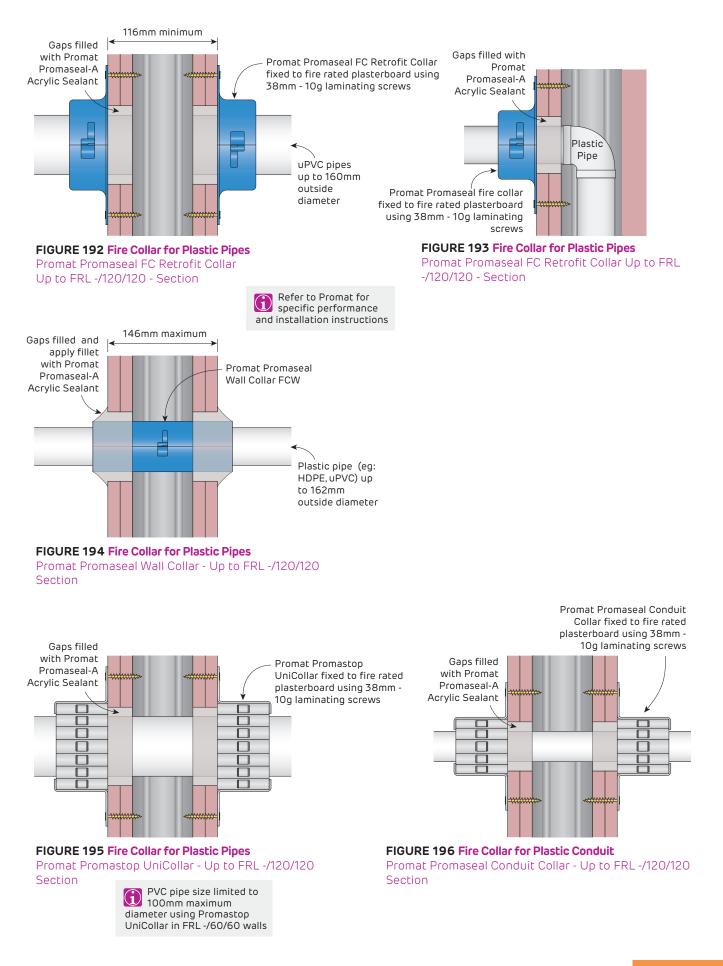
## Patching of Pipe Near Deflection Head Track - 2 Layers - Maximum 150mm Pipe



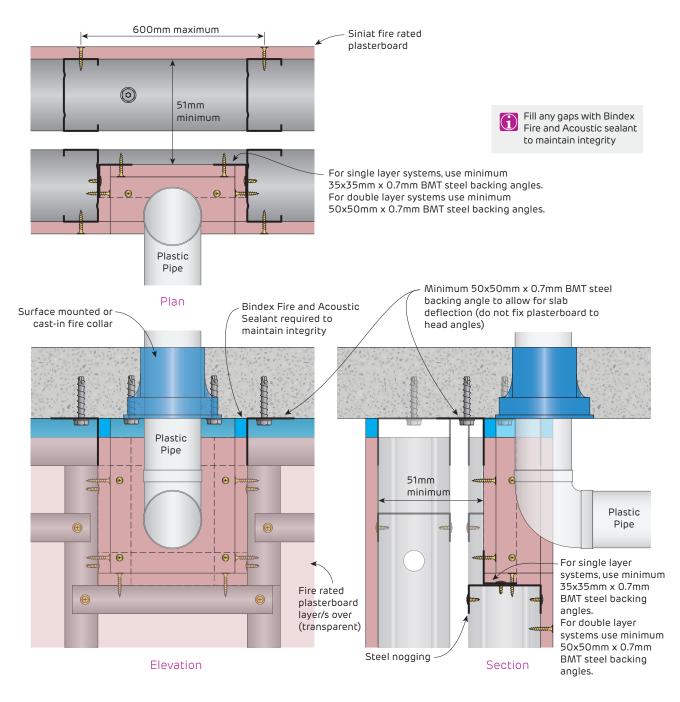
Step 3 **FIGURE 191 Proud patch around pipe penetration near deflection head track** Maximum 150mm pipes as per Table 19, FRL -/180/- or -/180/120 with Rockwool as previously shown, with FRL limited by wall FRL



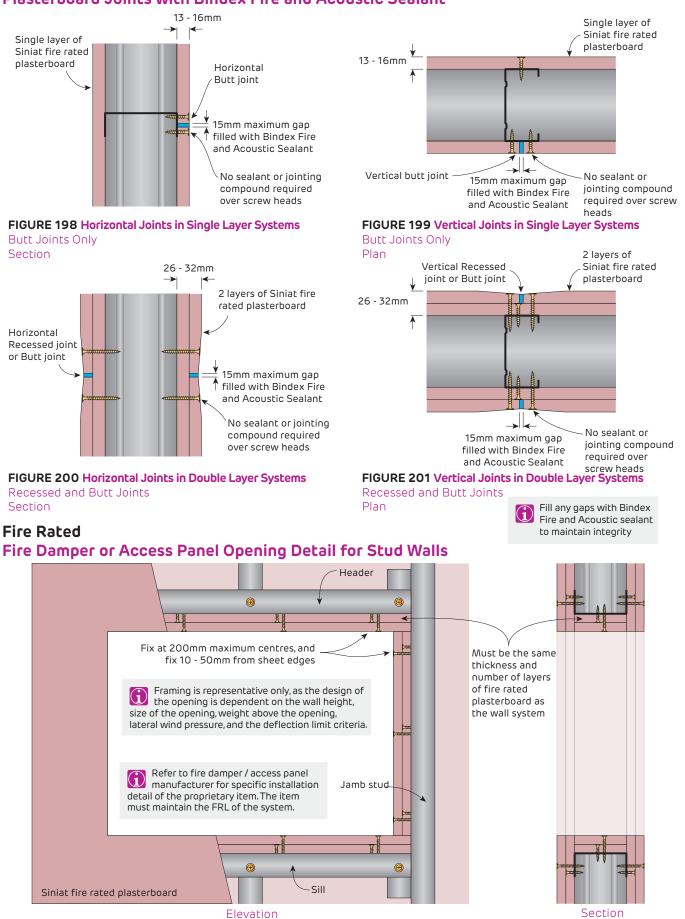
#### Fire Rated PVC Pipe Penetration Detail for Stud Walls



# Fire Rated PVC Pipe Clash with Stud Walls

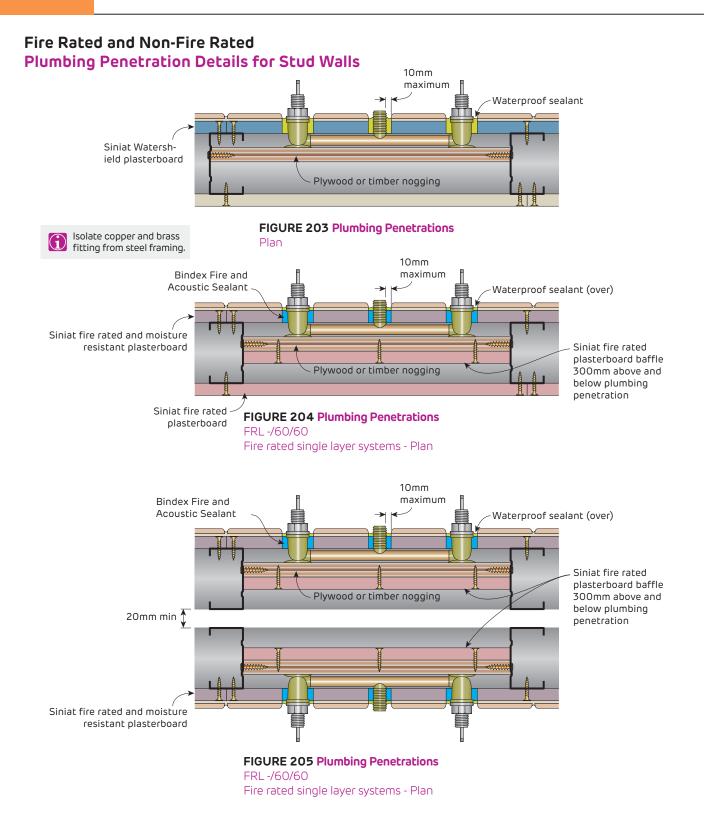


**FIGURE 197 Alcove for Plastic Pipe clash through Head Track** Wall FRL 60/60/60 with 16mm fire rated plasterboard on both sides Wall FRL 90/90/90 with 2 x 13mm fire rated plasterboard on both sides Wall FRL 120/120/120 with 2 x 16mm fire rated plasterboard on both sides Section



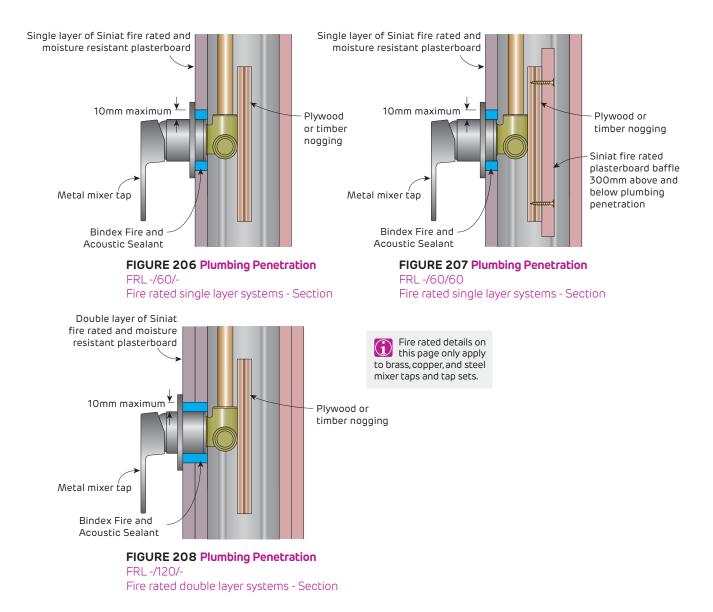
Fire Rated Plasterboard Joints with Bindex Fire and Acoustic Sealant

FIGURE 202 Typical Opening Detail for Fire Damper or Access Panel

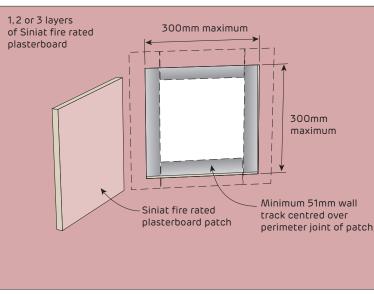




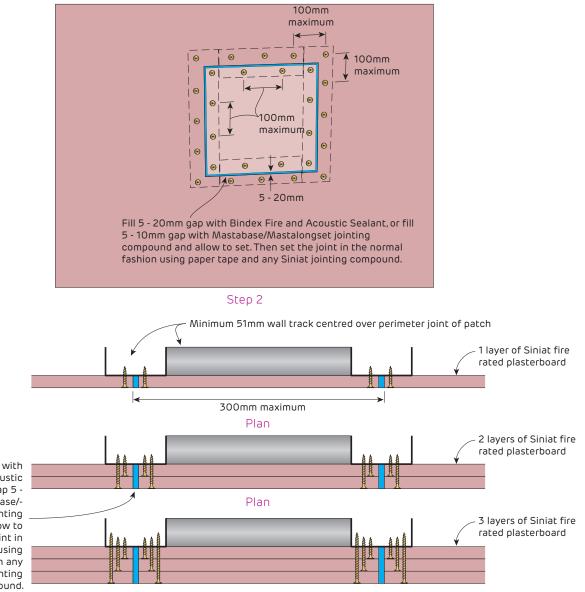




## Fire Rated Flush Patching of Fire Rated Wall Systems - Maximum 300x300mm Opening





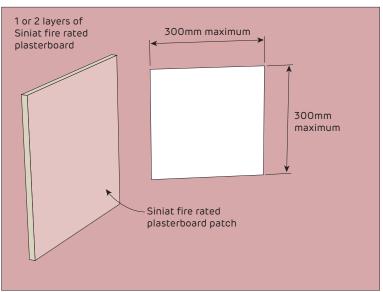


Fill 5 - 20mm gap with Bindex Fire and Acoustic Sealant, or fill gap 5 -10mm with Mastabase/-Mastalongset jointing compound and allow to set. Then set the joint in the normal fashion using paper tape with any Siniat jointing compound.

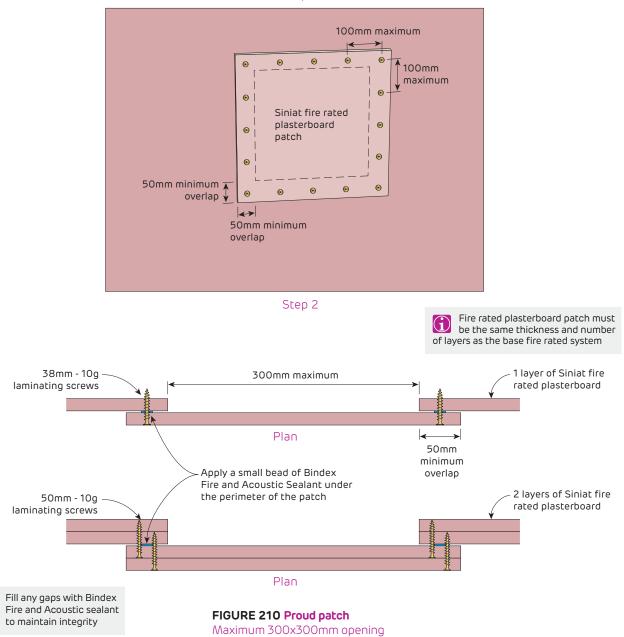
> FIGURE 209 Flush patch Maximum 300x300mm opening Maintains FRL of system



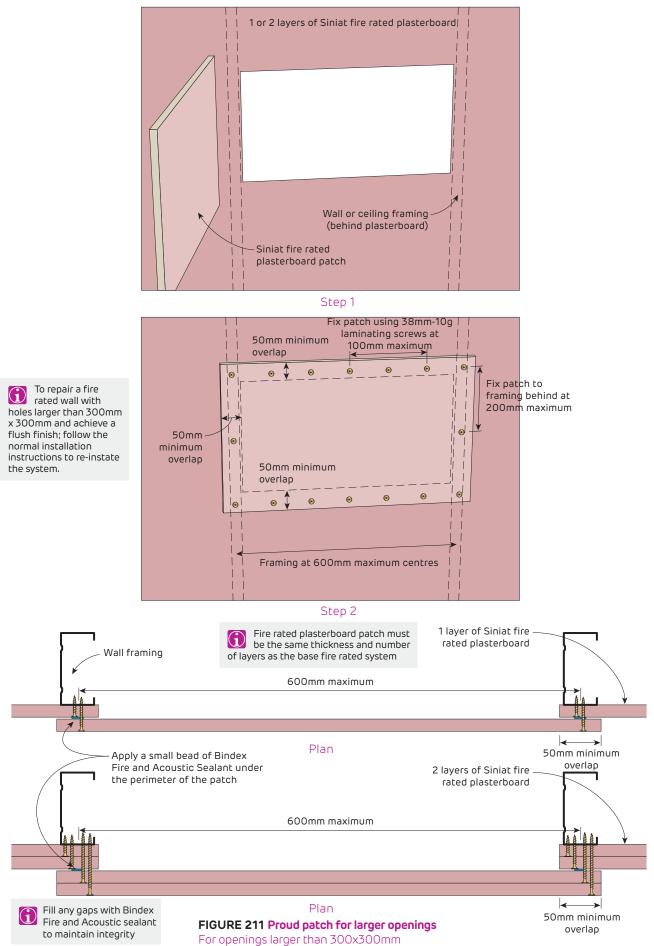














#### Fire Rated Patching of Fire Rated Wall Systems

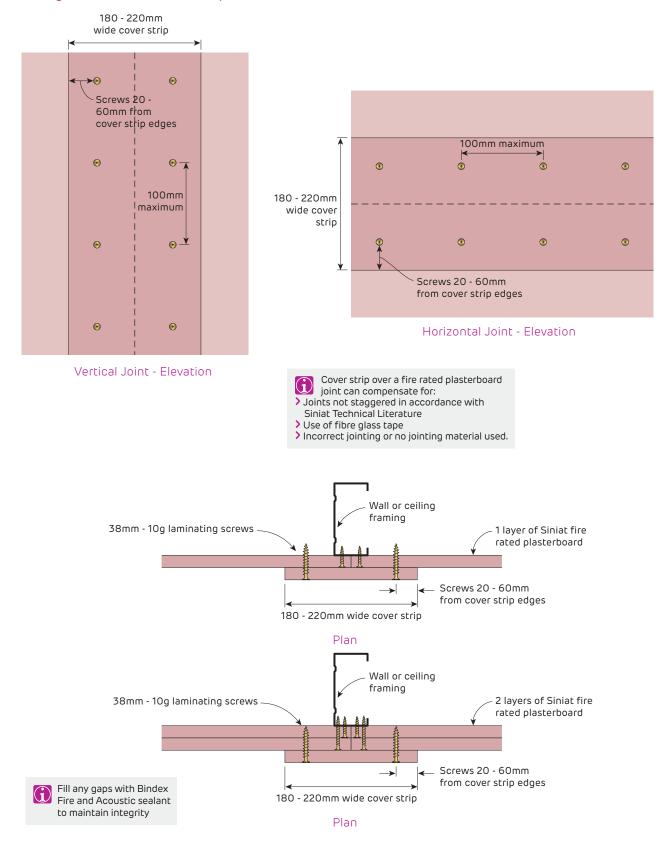


FIGURE 212 Cover Strip



