



3.9 Timber Separating Wall Details

Timber double stud walls are commonly used as load bearing separating walls for Class 1 dwellings and Class 2 multi-residential buildings, providing fire safety and acoustic separation between sole occupancy units.

This section only contains construction details only for load bearing separating walls. For Wall Systems refer to Section 3.3 and for Ceiling Systems refer to Section 5.1.

For load bearing Class 1 applications also consider Siniat InterHome system, and for non-load bearing Class 2 separating wall systems consider Siniat InterHome High-Rise walls in Section 3.6.



Fire Rated
Separating Wall

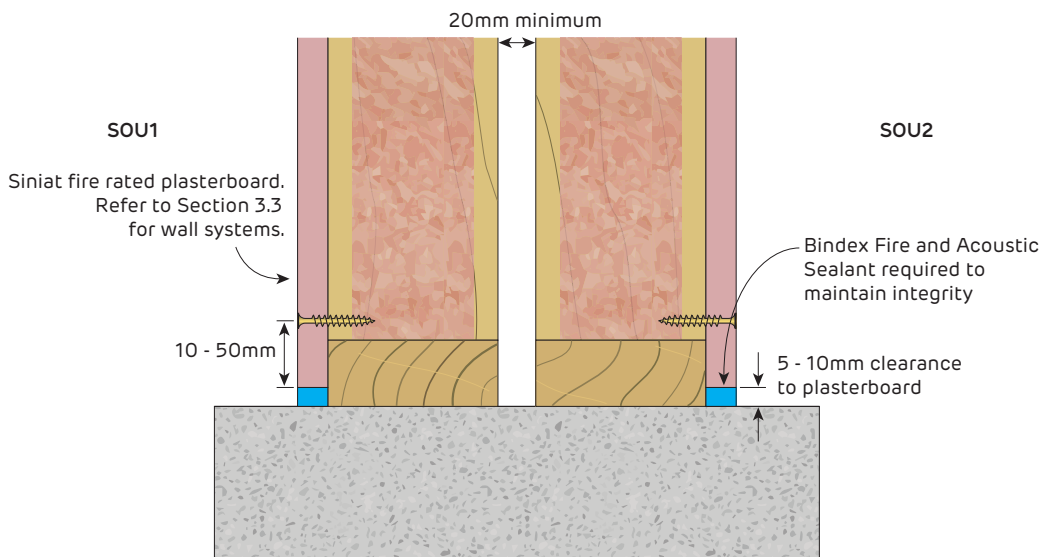


FIGURE 1 Separating Wall Base to Slab
Section

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

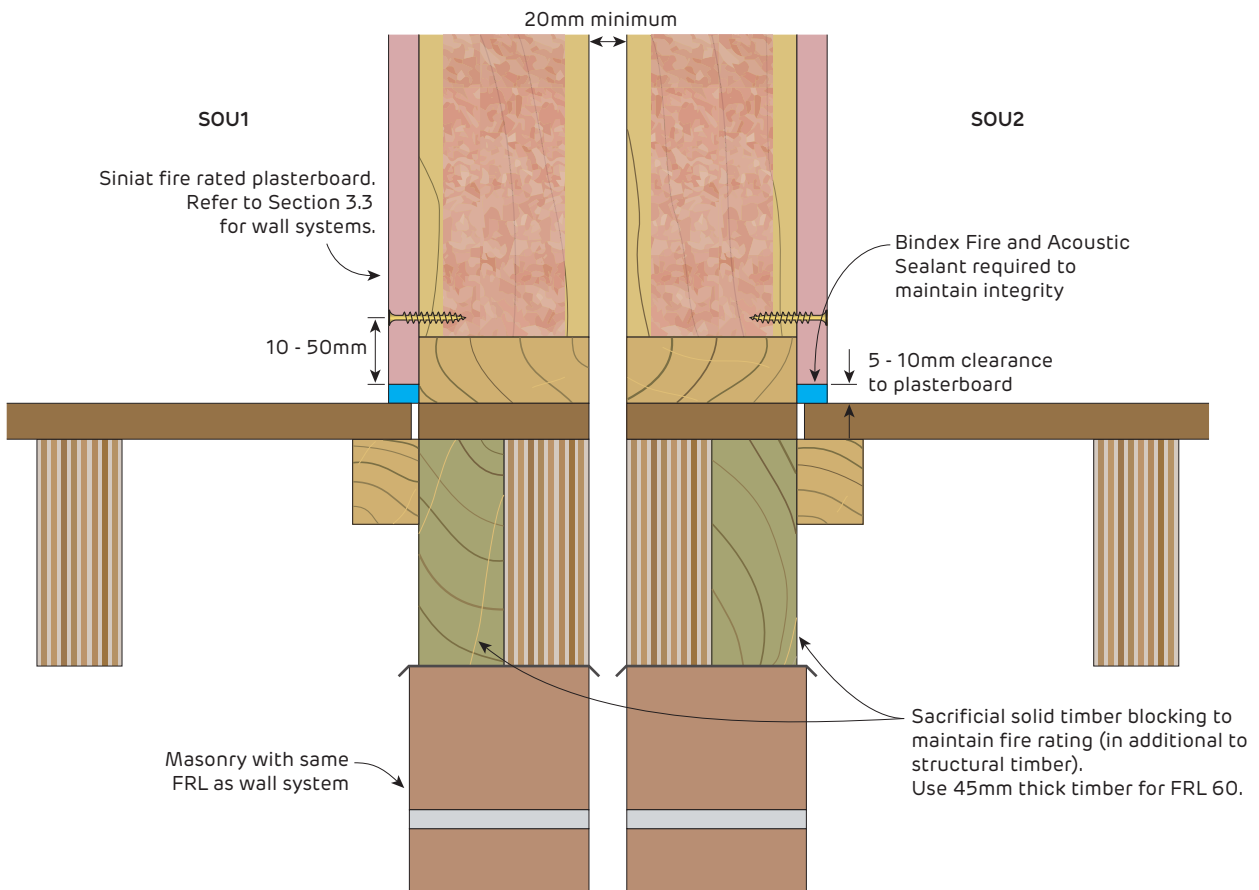


FIGURE 2 Separating Wall with Suspended Ground Floor
Section

Fire Rated

Separating Wall FRL with Suspended Floor inside SOU

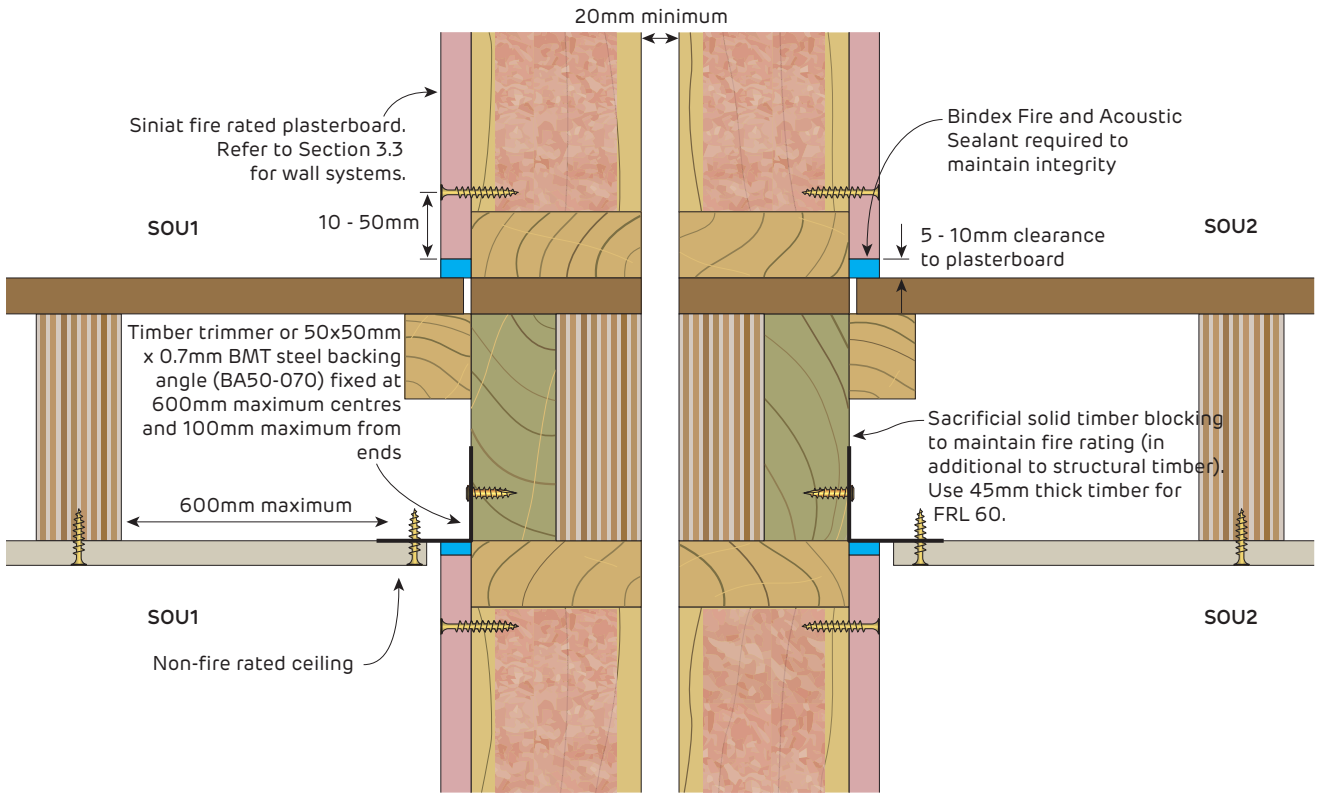


FIGURE 3 Separating Wall with Suspended Floor Section

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

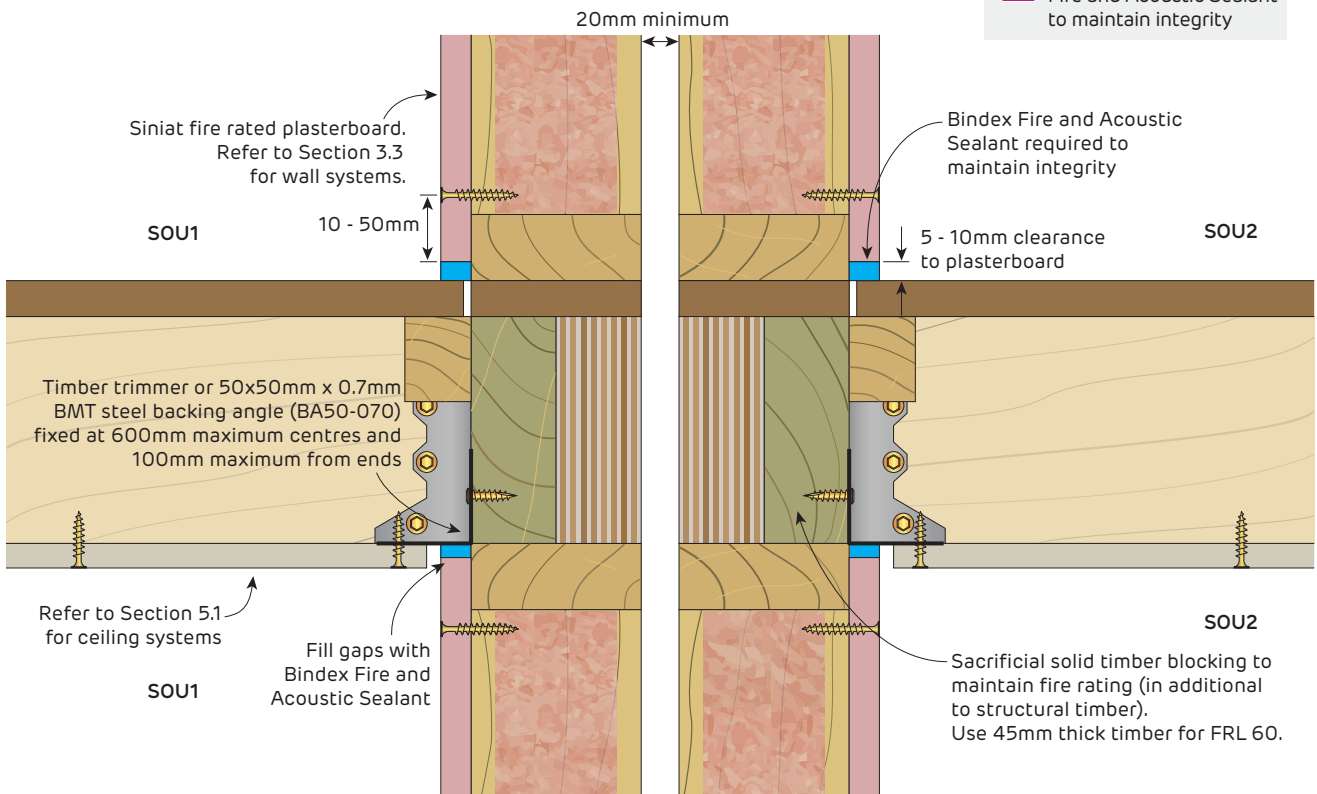


FIGURE 4 Separating Wall with Suspended Floor Floor joists on framing brackets Section



Fire Rated
Separating Wall FRL with Suspended Floor inside SOU

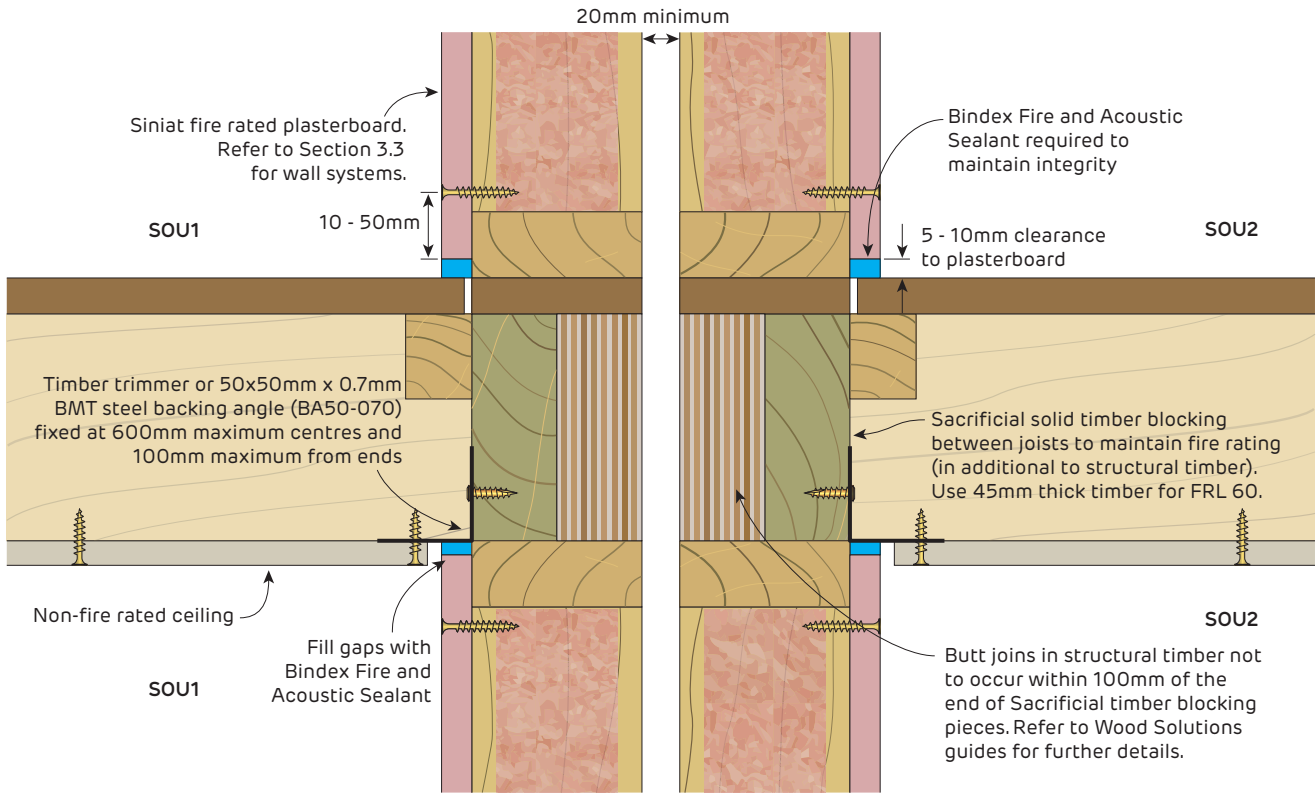
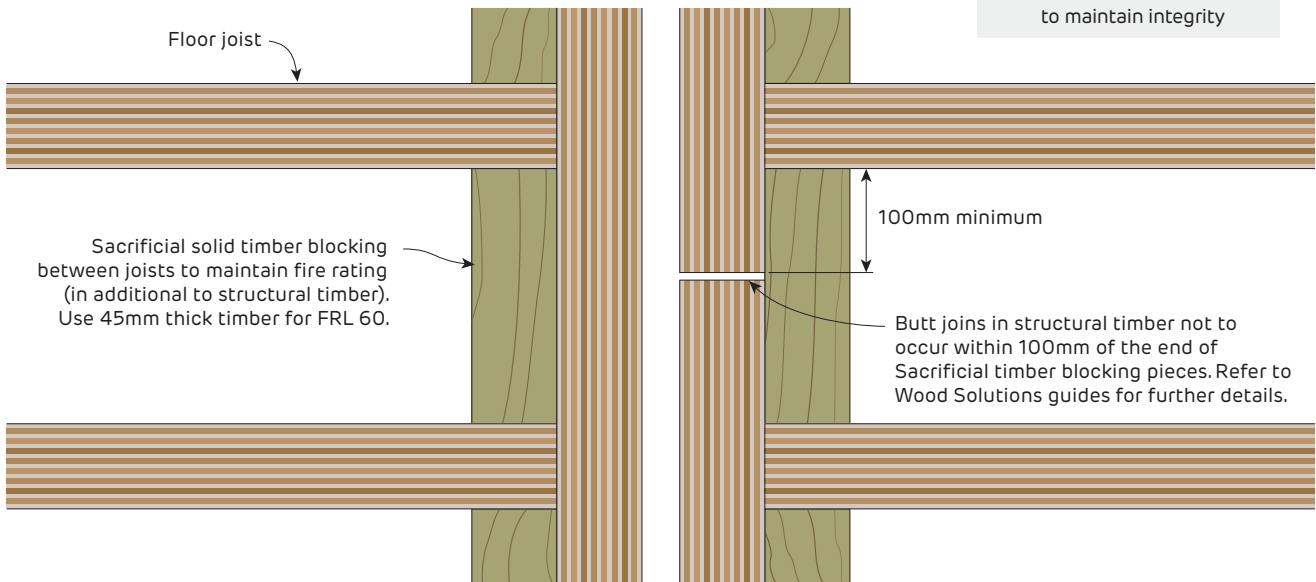


FIGURE 5A Separating Wall with Suspended Floor
Floor joists seated on wall plates
Section



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

FIGURE 5B Separating Wall with Suspended Floor
Plan

Fire Rated
Separating Wall FRL with Suspended Floor Details

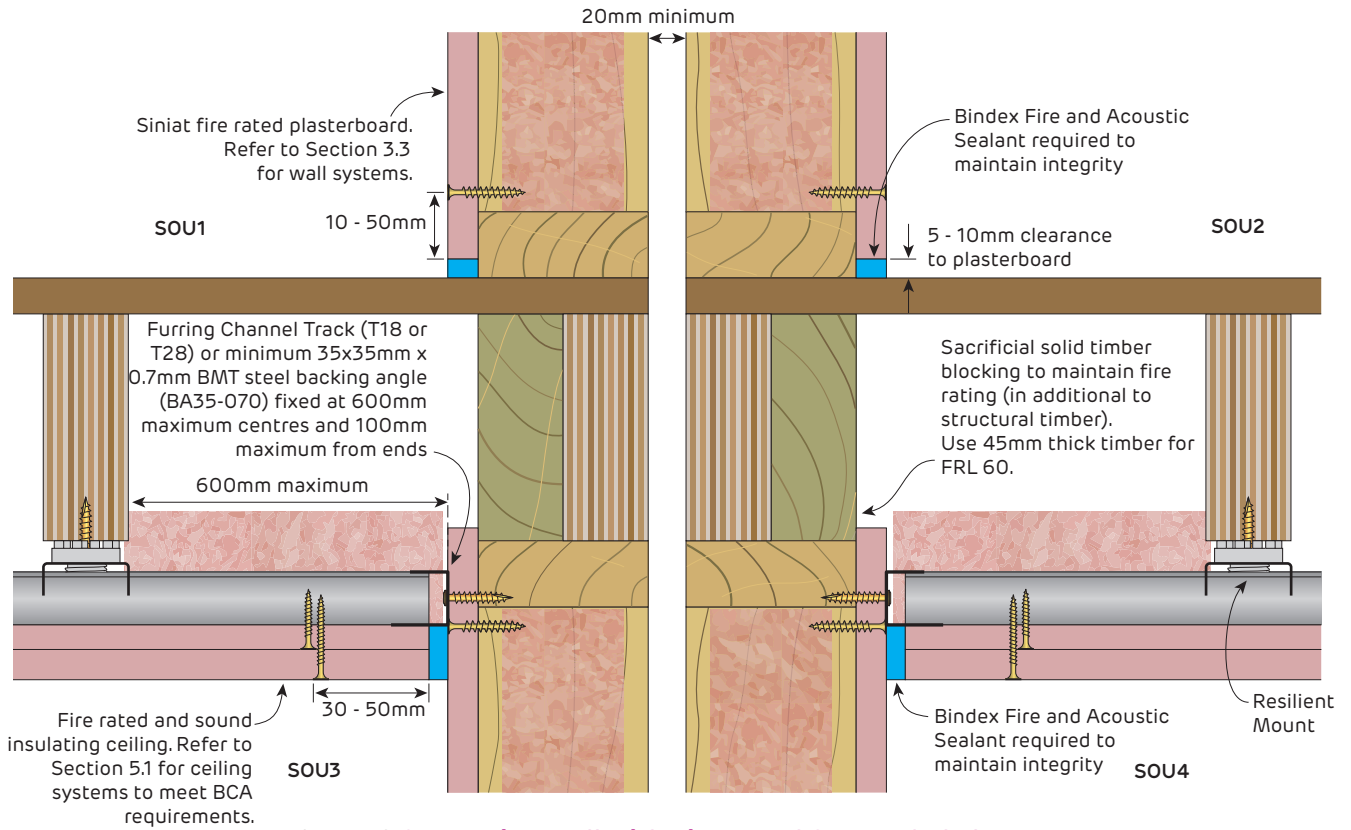


FIGURE 6 Separating Wall with Fire Rated Suspended Floor Section

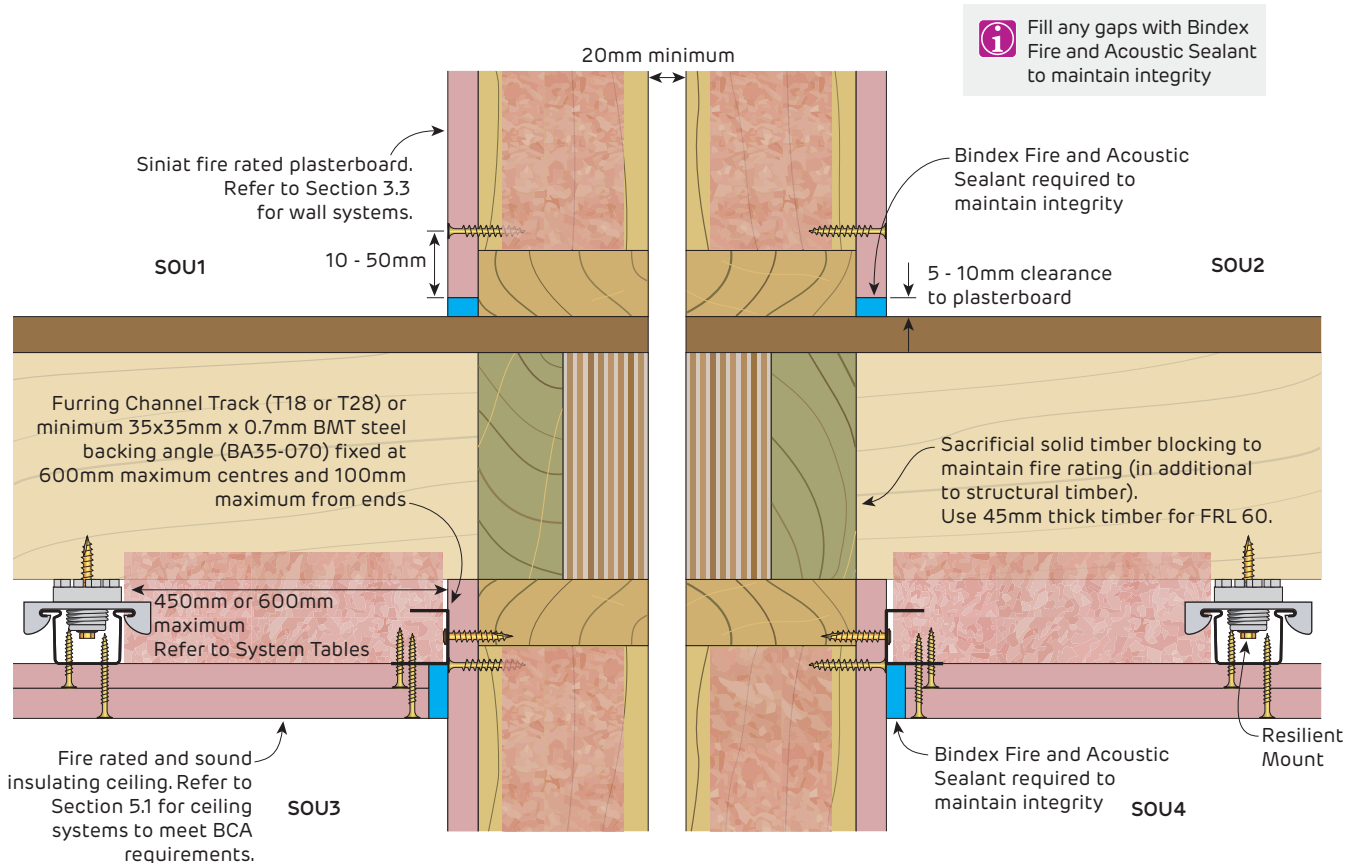


FIGURE 7 Separating Wall with Fire Rated Suspended Floor Section



**Fire Rated
Separating Wall FRL**

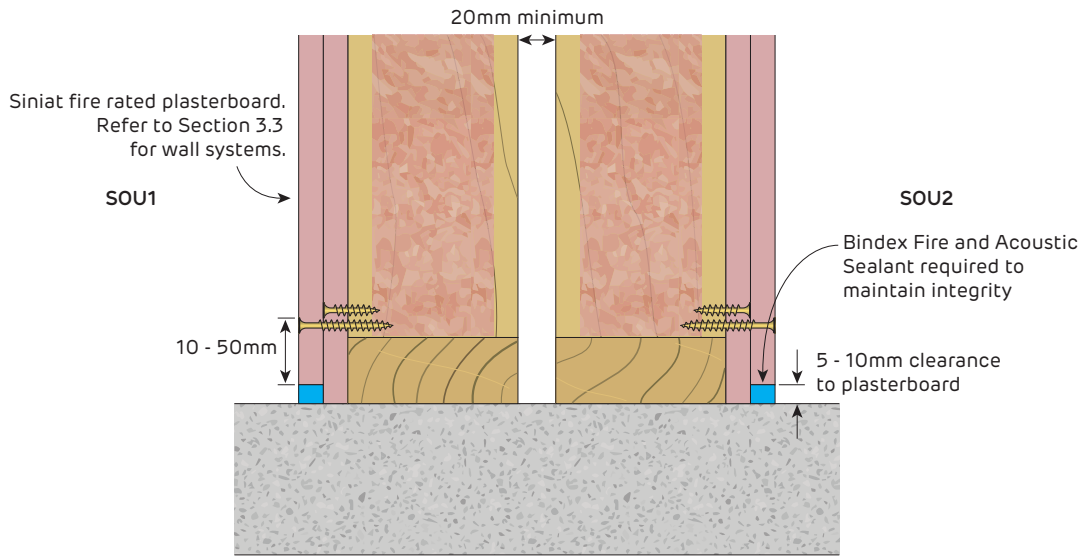


FIGURE 8 Separating Wall Base to Slab
Section

Separating Wall FRL with Suspended Floor

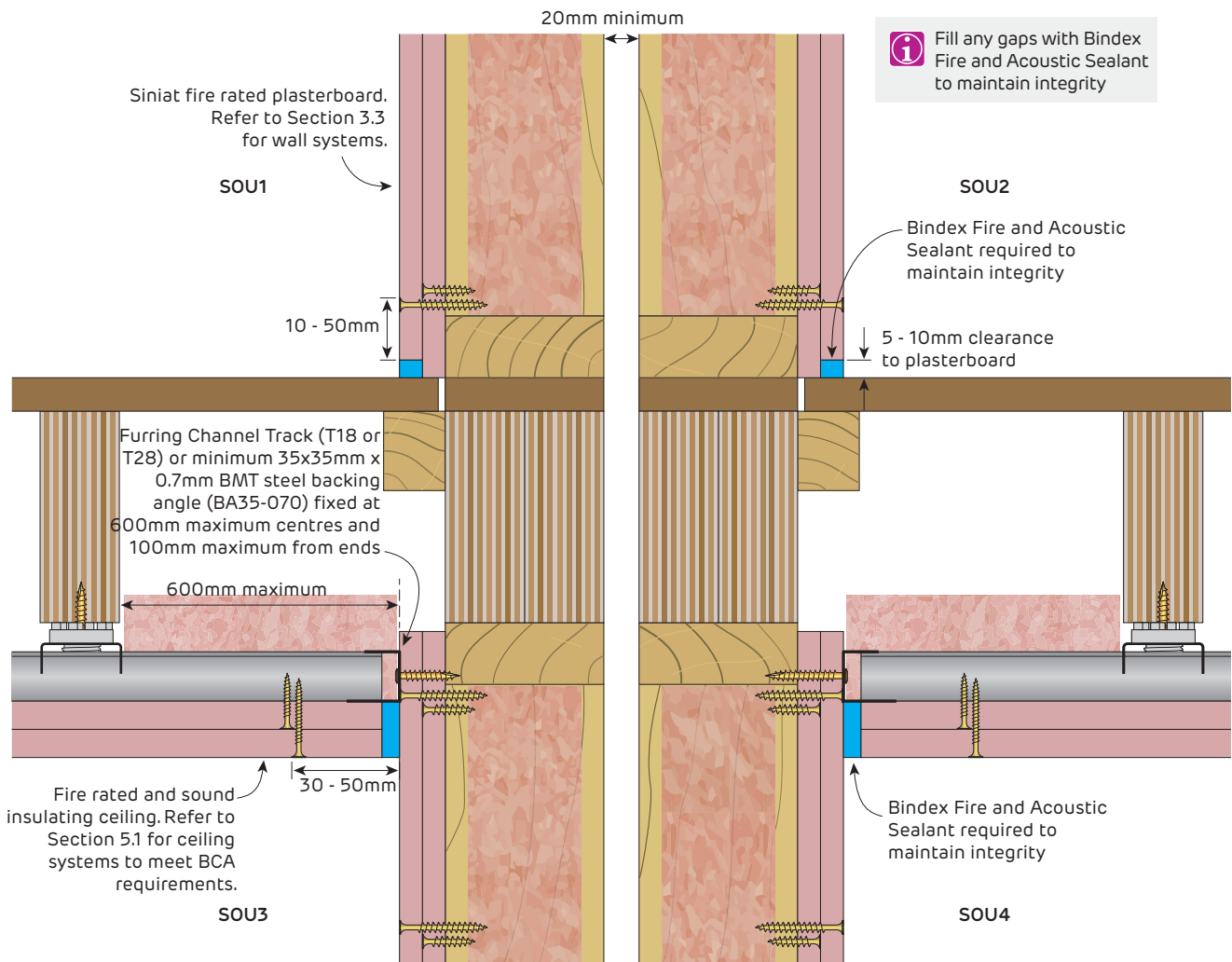


FIGURE 9 Separating Wall with Fire Rated Suspended Floor
Section



Fire Rated
Separating Wall to Non-Combustible Roof Lining

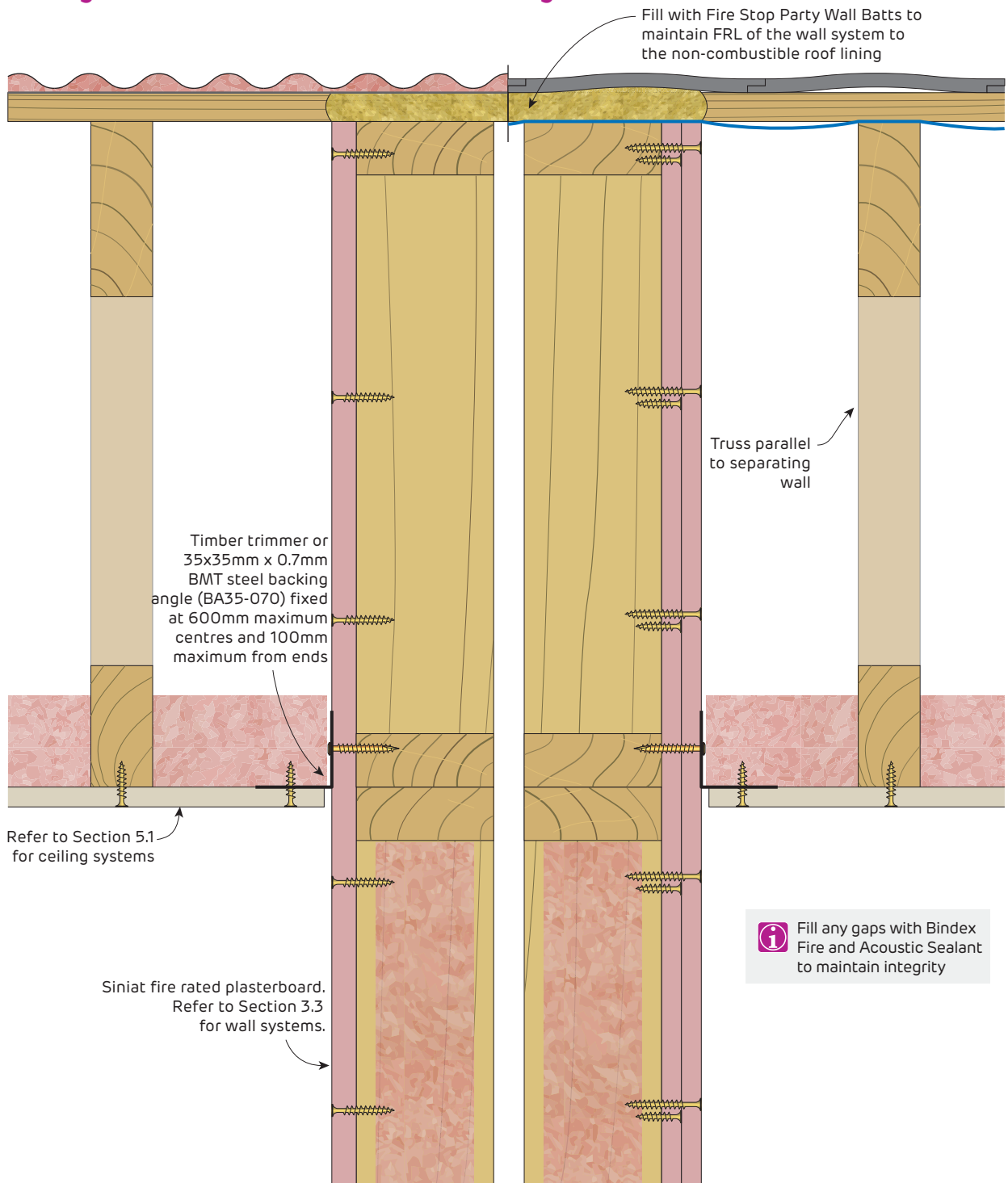


FIGURE 10 Separating Wall to Non-combustible Roof Lining
Section



Fire Rated Separating Wall to Ceiling with RISF of 60 minutes

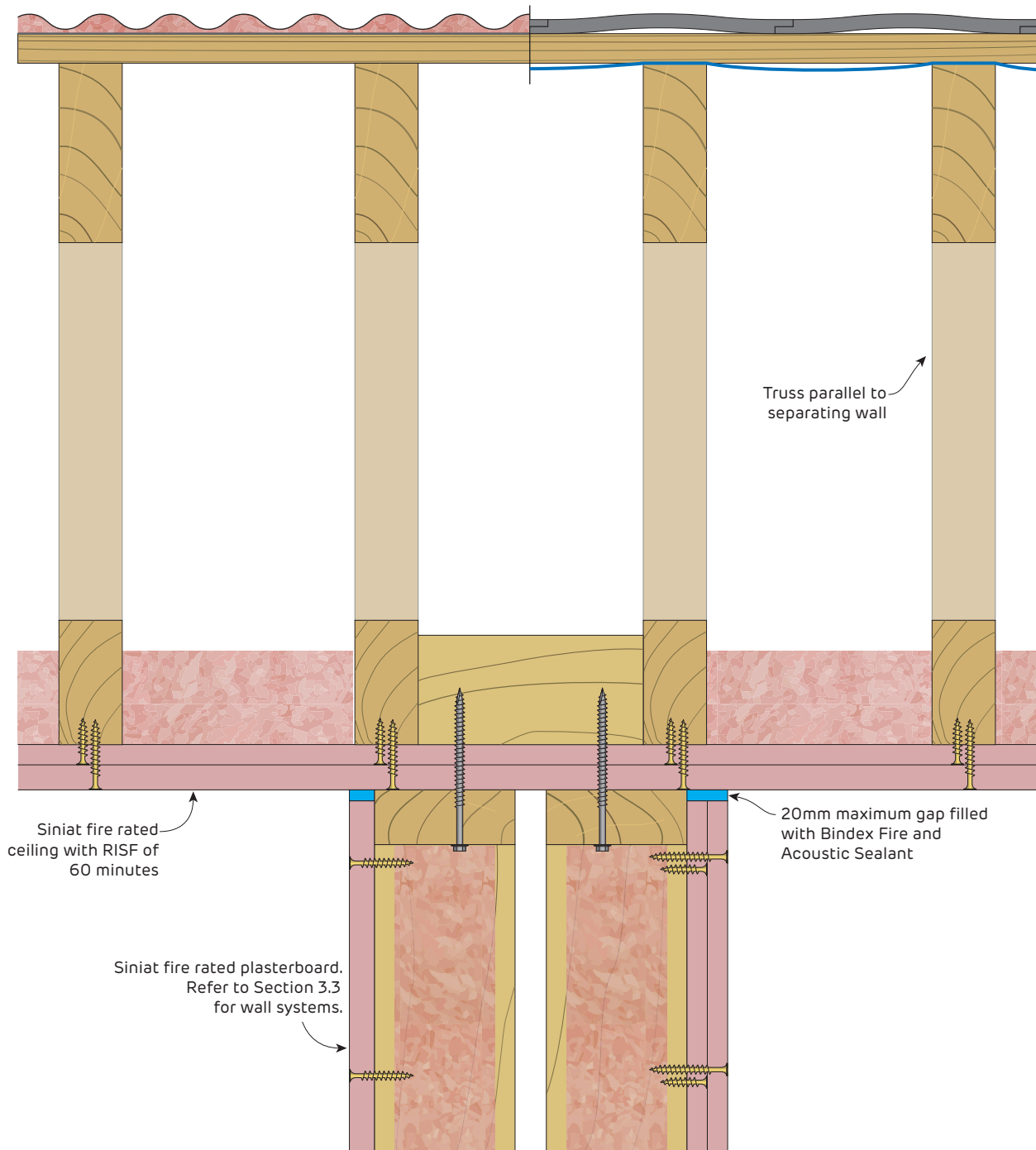


FIGURE 11 Separating Wall to Siniat Fire Rated Ceiling
Section

Fire Rated
Separating Wall to External Wall Above

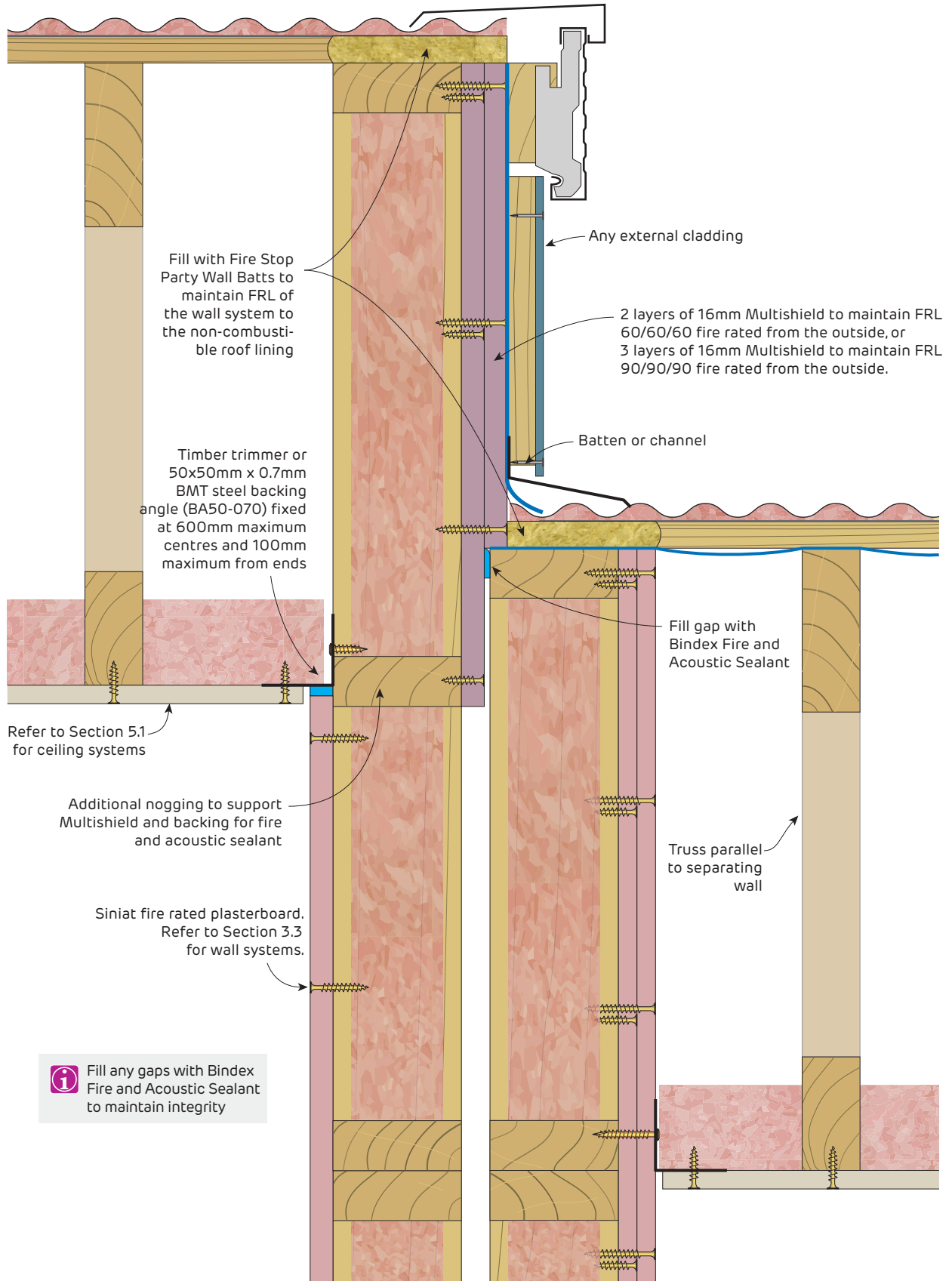


FIGURE 12 Separating Wall with External Wall Above
Section



**Fire Rated
Separating Wall over Eaves**

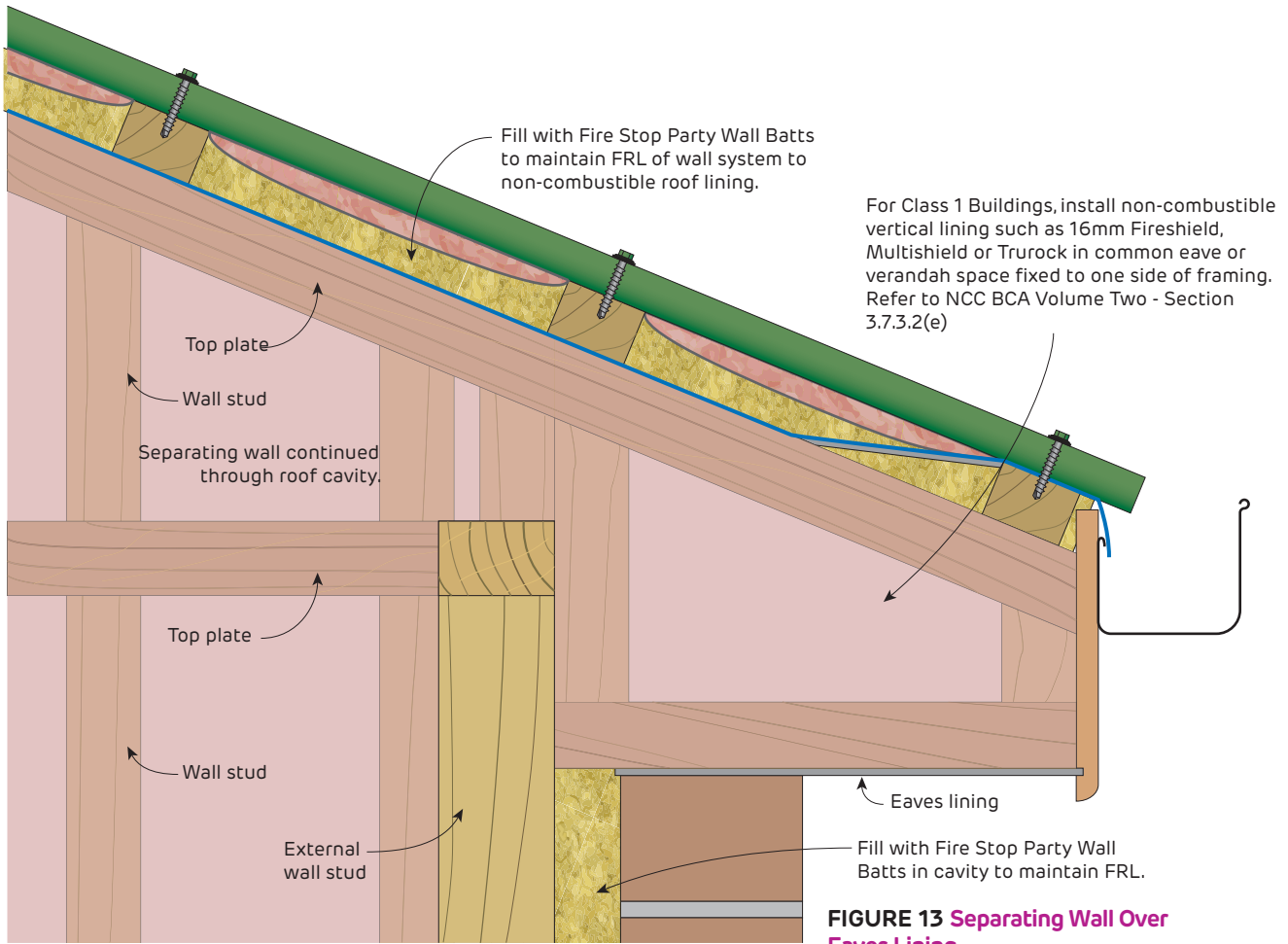


FIGURE 13 Separating Wall Over Eaves Lining
Section

Non-Fire Rated Intersecting Walls

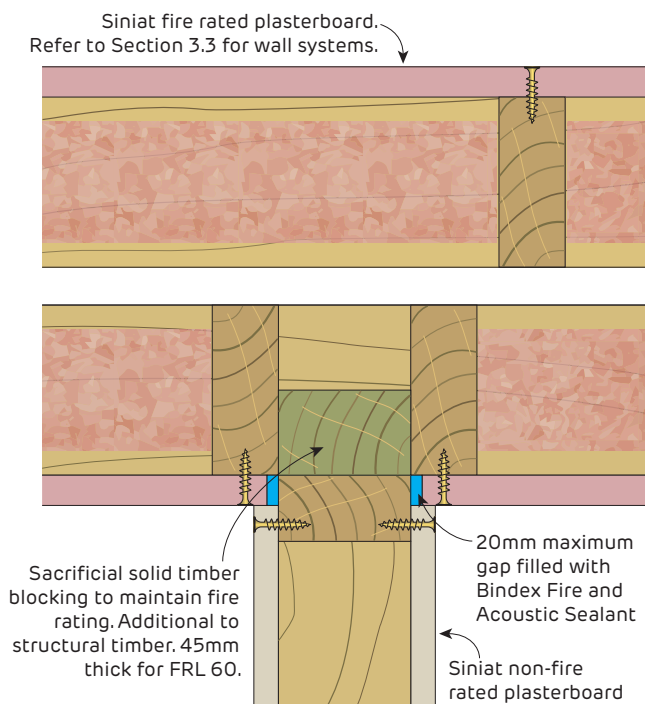


FIGURE 14 Separating Wall with Non-Fire Rated Intersecting Wall
Plan

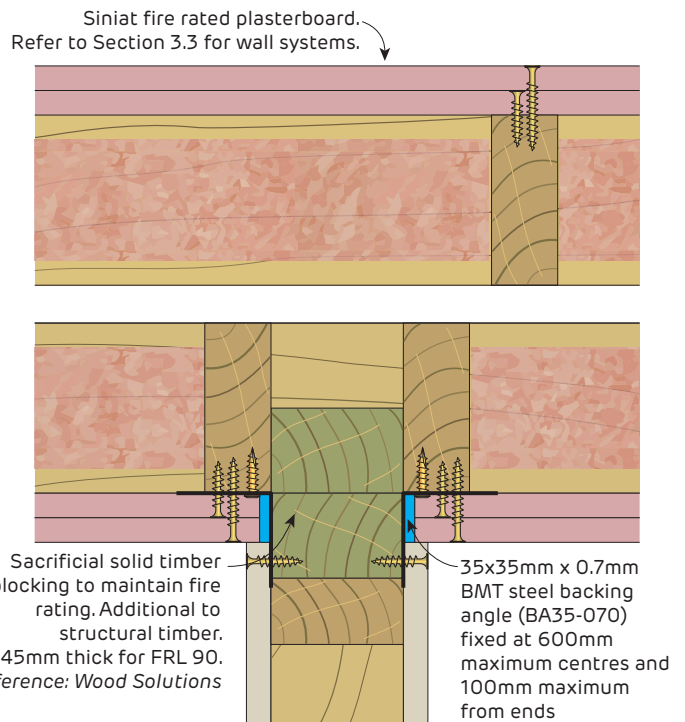


FIGURE 15 Separating Wall with Non-Fire Rated Intersecting Wall
Plan

**Fire Rated
Separating Wall to External Wall**

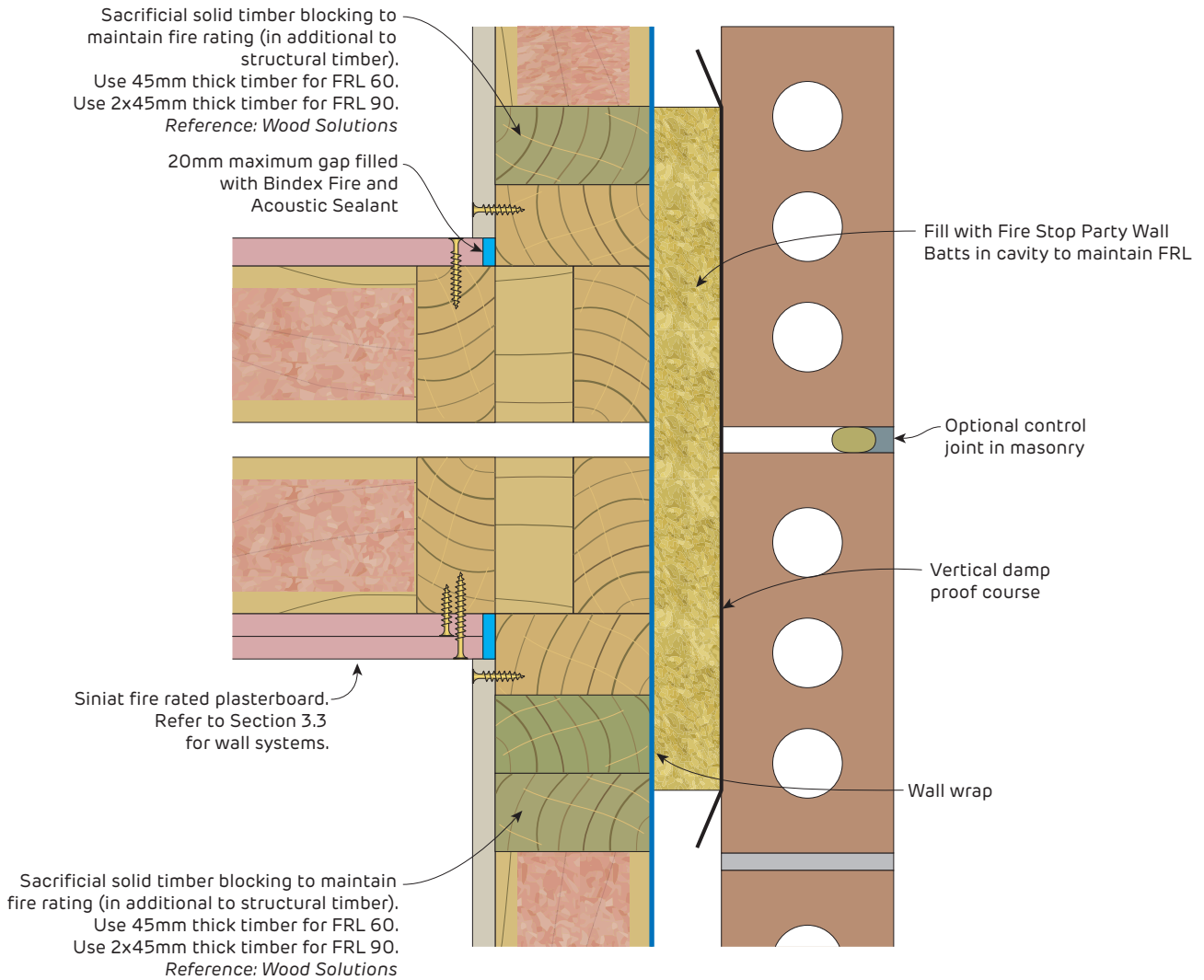


FIGURE 16 Separating Wall to External Brick Wall
Plan



**Fire Rated
Separating Wall to External Wall**

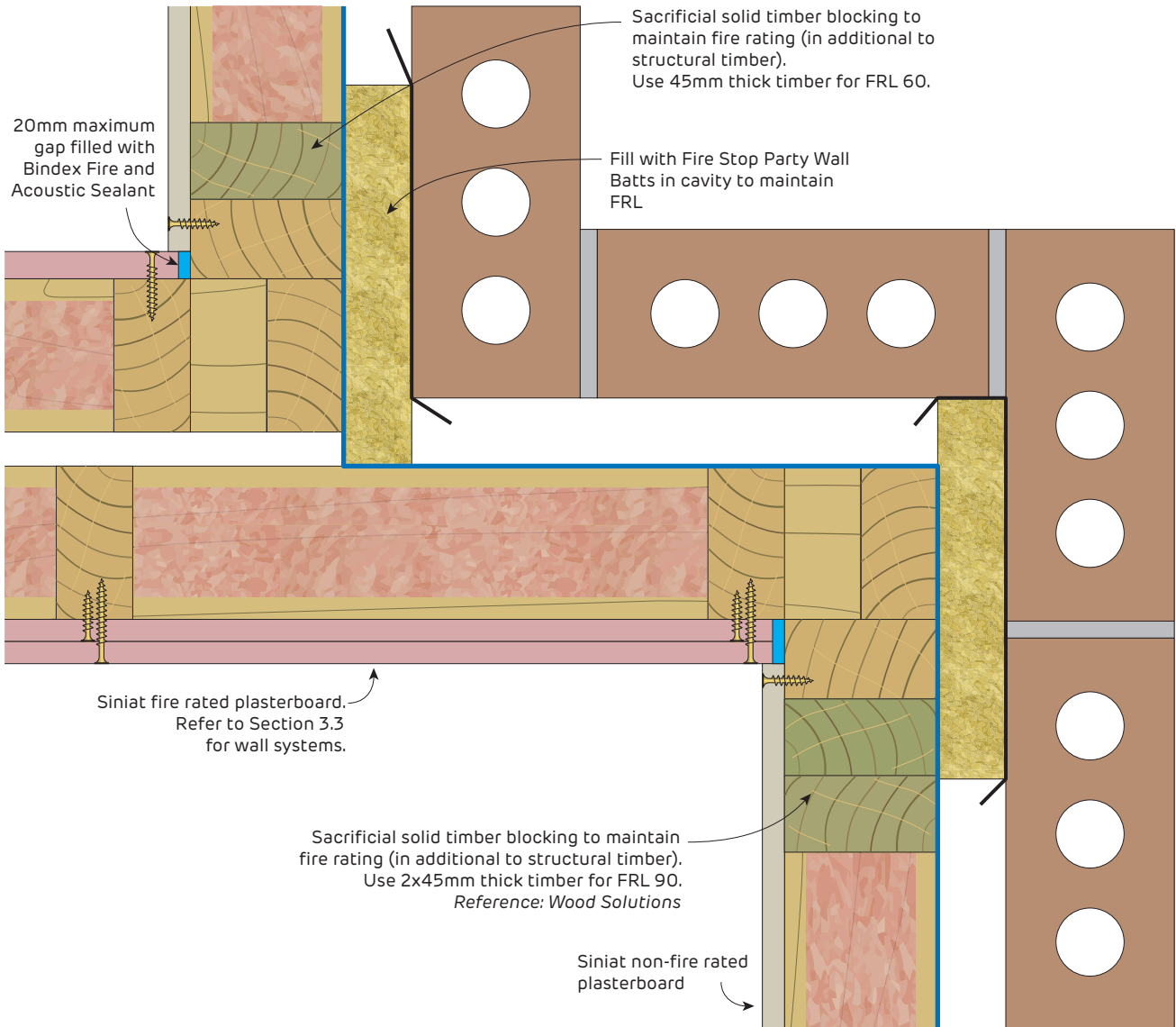


FIGURE 17 Separating Wall to External Brick Wall
Plan