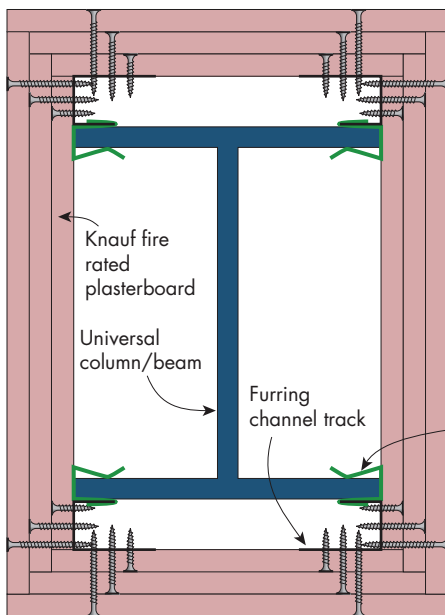
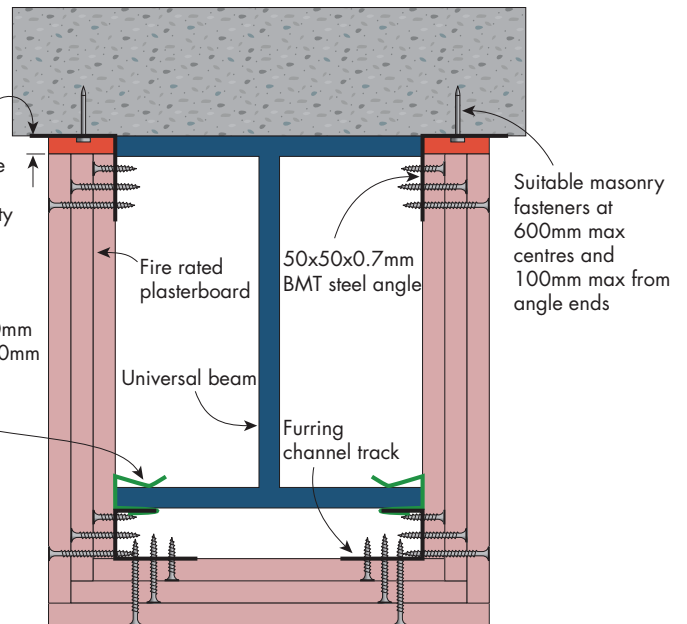


# FIRE RATED

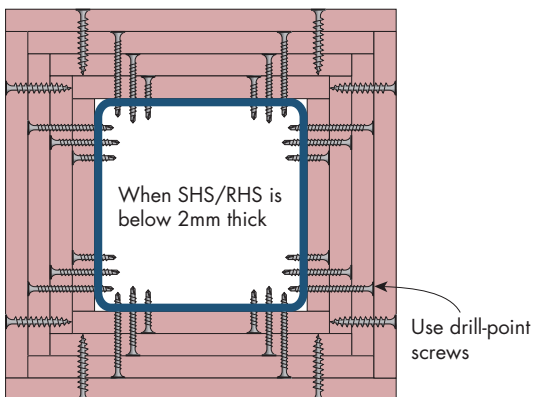
## COLUMN AND BEAM FIRE PROTECTION – STEEL



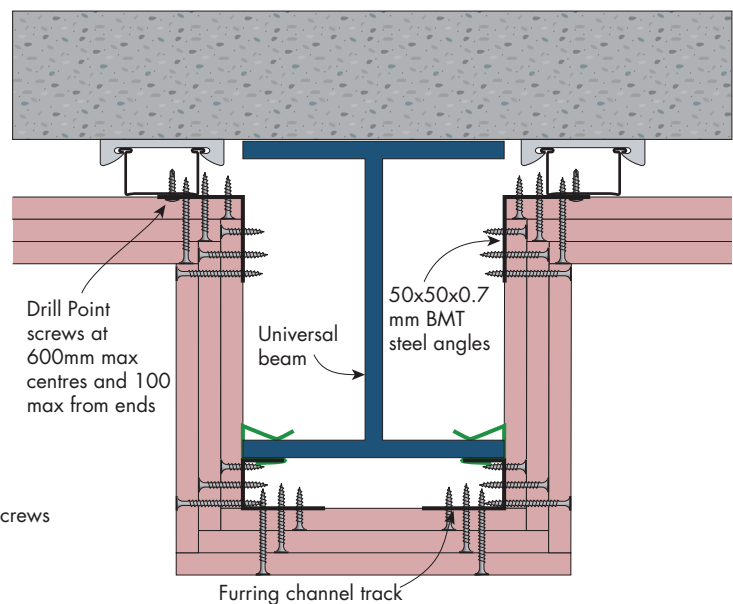
**FIGURE 4 4 Sided Protection For I-Beam/Column**  
Plan or Section



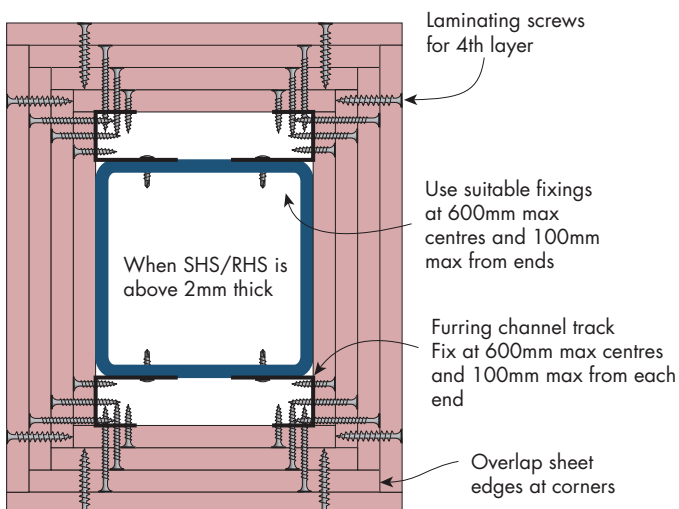
**FIGURE 5 3 Sided Protection For I-Beam**  
Section



**FIGURE 6 4 Sided Protection for SHS/RHS**  
Plan or Section



**FIGURE 7 3 Sided Protection for I-Beam to Ceiling**  
Section



**FIGURE 8 4 Sided Protection For SHS/RHS**  
Plan or Section

**i** For internal and external corners, fill gaps with either Knauf Bindex Fire and Acoustic sealant or Mastabase jointing compound. Fill any other gaps with Knauf Bindex sealant to maintain integrity.