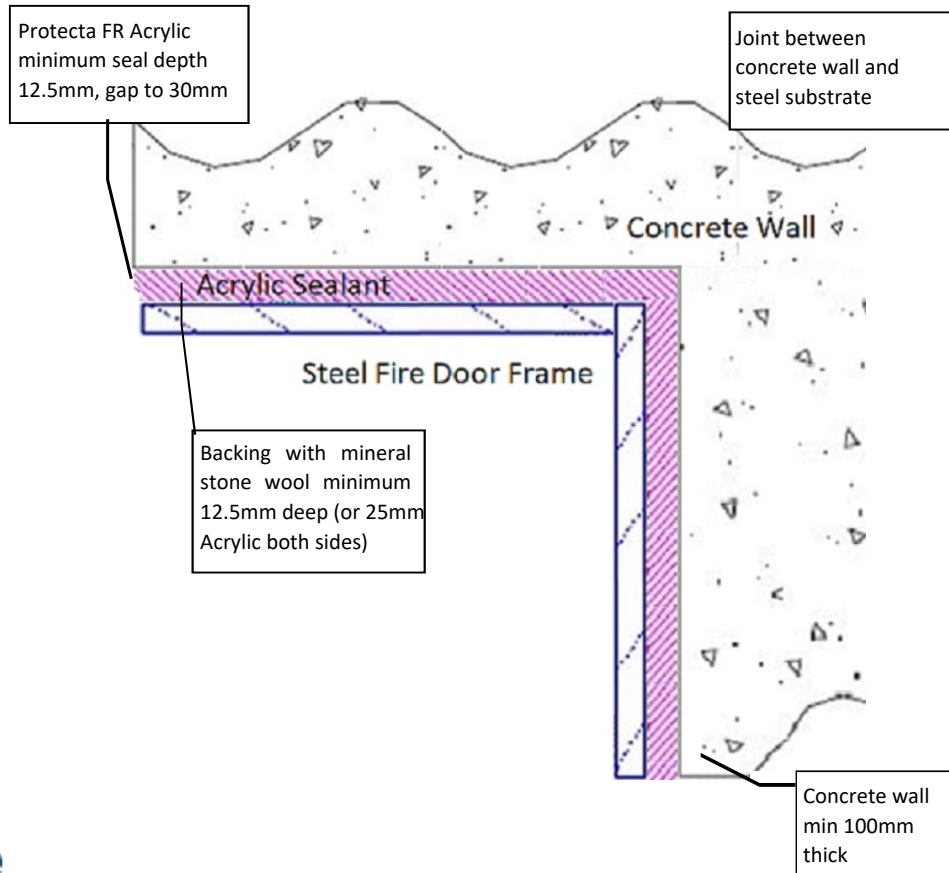


## Protecta FR Acrylic - Concrete Wall to Steel Framing (Fire Door)

### Installation Instructions

1. Before installing Protecta® FR Acrylic ensure that the surface of all surrounding construction is free from all loose contaminants, dust and grease.
2. Where Protecta® FR Acrylic is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Polyseam for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Protecta® FR Acrylic diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Protecta® FR Acrylic to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Protecta® FR Acrylic can be over-painted with most emulsion or alkyd (gloss) paints.



<b>Products</b>	Protecta FR Acrylic Stone wool
<b>Application</b>	Fire rated linear seals concrete to steel
<b>Construction</b>	Minimum wall thickness of 100mm comprised of concrete, aerated concrete or masonry, with a density of $\geq$ 650 kg/m <sup>3</sup>

### Fire & Sound classification

12.5mm Acrylic plus 12.5mm stone wool 35kg/m<sup>3</sup>  
both sides (or 25mm Acrylic both sides). Max gap  
30mm. FRR -/120/60

NB: Thermal Rating determined by the rating of  
the steel substrate. Where the steel has a lower  
rating than 60 minutes, then the FRR must be  
reduced accordingly.

ZERO smoke leakage up to 200Pa

Sound reduction (seal only) STC 62

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For all technical details on the products specified  
please refer to the technical data sheets that can  
be found on [www.firestopcentre.co.nz](http://www.firestopcentre.co.nz)

Signed and approved:

Sheet size: **A4**  
Drawn date & no: **8/4/20**

Scale: **NTS**  
Drawn by: **K.B**



# Protecta®

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