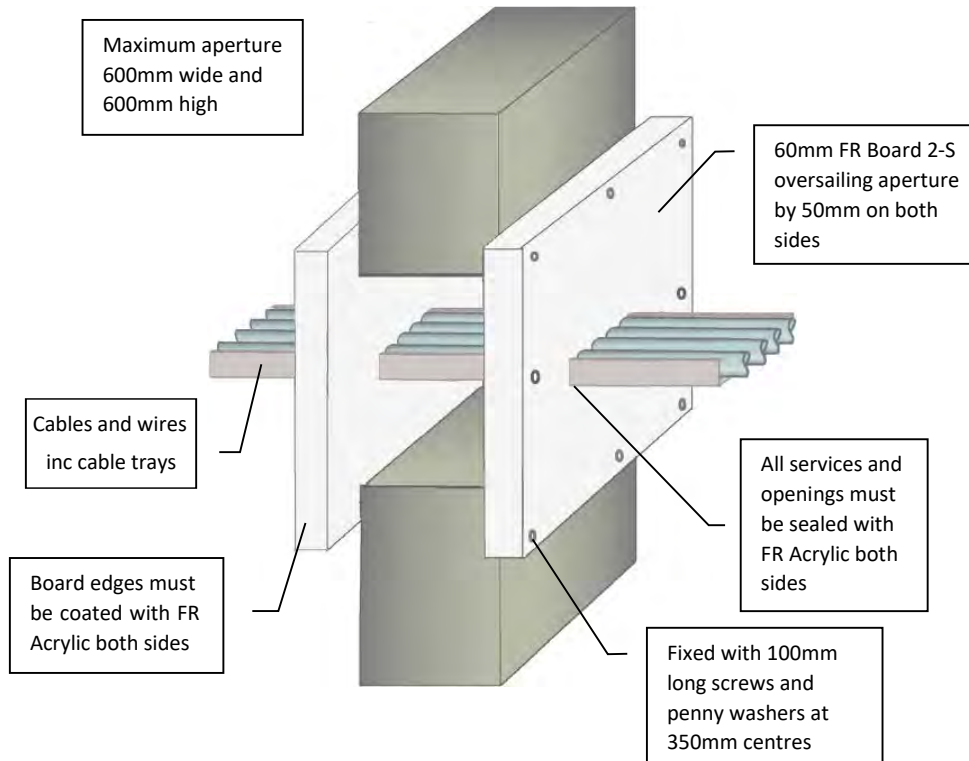


## Protecta FR Board Concrete Wall Cables and Cable Trays - Pattress Fit

System/FPA Register ID# FC181

### Installation Instructions

1. Before installing Protecta® FR Board ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Protecta® FR Acrylic prior to fitting which will act as an adhesive and ensure a smoke tight seal.
3. All joints, gaps or imperfections in the installed seal must be filled with Protecta® FR Acrylic on both sides.
4. Protecta® FR Board can be over-painted with most emulsion or alkyd (gloss) paints.



### Minimum separations and limitations

An aperture can include several services, and they may also be different. Services within the system Protecta® FR Board seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. Services should be a minimum of 25mm from seal edges. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area. The minimum permitted separation between adjacent apertures is 200mm.

<b>Products</b>	Protecta FR Board Protecta FR Acrylic
<b>Application</b>	Fire stopping of cables and wires with or without cable trays in rigid walls
<b>Construction</b>	Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

### Fire & Sound classification

Cables  $\leq \varnothing 21\text{mm}$  in tied bundles  $\leq \varnothing 100\text{mm}$  with or without trays FRR -/240/180  
 Cables  $\leq \varnothing 50\text{mm}$ , single or bundled, with or without trays FRR -/240/90  
 Cables  $\leq \varnothing 80\text{mm}$ , single or bundled with or without trays FRR -/240/60  
 Wall thickness down to 75 mm accepted with FRR reduced to FRR of the wall.

Sound reduction (seal only) STC 55



# Protecta®

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As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

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: 20/4/21

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