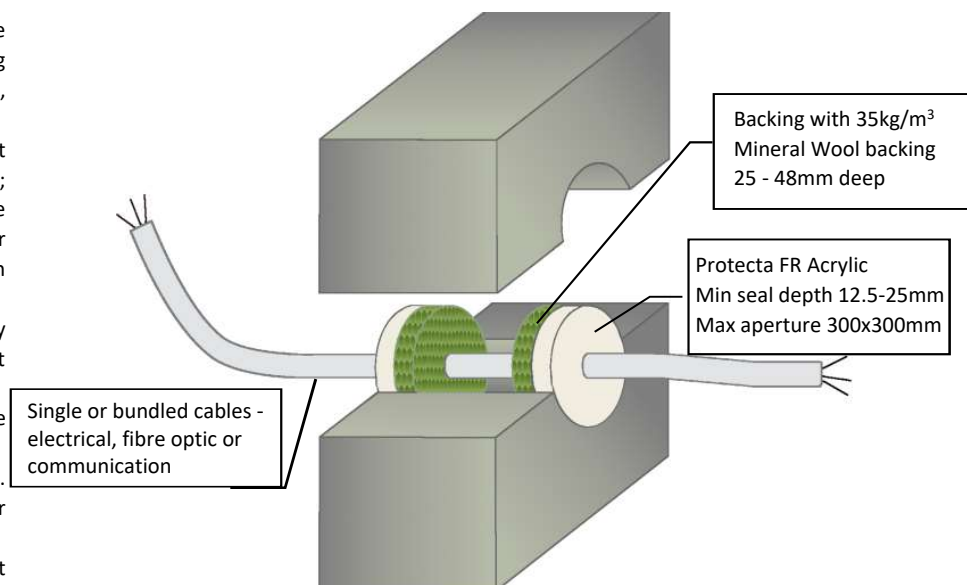


## Protecta FR Acrylic Cables (Electrical, Data, Fibre Optic) in Concrete Wall from 100mm

### Installation Instructions

1. Before installing Protecta® FR Acrylic ensure that the surface of all service penetrations and 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 any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Protecta® FR Acrylic to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Protecta® FR Acrylic can be over-painted with most emulsion or alkyd (gloss) paints.



System/FPA Register ID# FC114

<b>Products</b>	Protecta FR Acrylic
<b>Application</b>	Fire stopping of cables in rigid walls
<b>Construction</b>	Minimum wall thickness of 100mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

### Fire & Sound Classification

In 150mm walls:

Cables  $\leq \varnothing 21\text{mm}$ , single or in tied bundles  $\leq \varnothing 100\text{mm}$ , with 25mm Acrylic/ 48mm backing  
FRR -/240/240

Electrical cables  $\leq \varnothing 80\text{mm}$  single or in tied bundles with 25mm Acrylic/ 48mm backing  
FRR -/240/60

In 100mm walls:

Cables  $\leq \varnothing 21\text{mm}$ , single or in tied bundles  $\leq \varnothing 50\text{mm}$ , with 12.5mm Acrylic/ 12.5mm backing  
FRR -/120/90

Electrical cables  $\leq \varnothing 80\text{mm}$ , single or in tied bundles  $\leq \varnothing 100\text{mm}$ , with 25mm Acrylic/ 25mm backing  
FRR -/120/60

ZERO smoke leakage up to 200Pa

Sound reduction (seal only) STC 62

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: <b>A4</b>	Drawn date & no: 24/5/21
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Scale: <b>NTS</b>	Drawn by: K.B
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