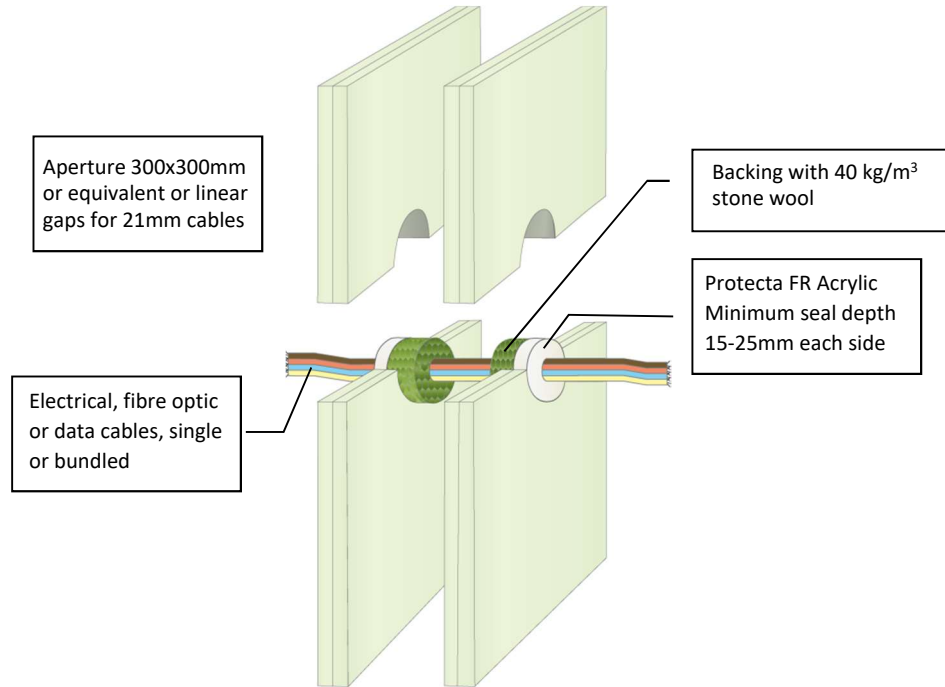


## Protecta FR Acrylic - Plasterboard Wall Electrical, Data or Fibre Optic Cables Single or Bundled

### 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 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.



### Penetrations in Linear Gaps

This system is approved for apertures down to 30mm x 3000mm for cables up to 21mm. Under Warringtonfire FAS190390 pg 9 this means all types of cables up to 21mm can penetrate 30mm linear gap seals of unlimited length for all such gap seals which use 12.5mm Acrylic/12.5mm stone wool (or simply 25mm Acrylic).



ETA 21-0035 FAS 190390 AS1530.4-2014 AS4072.1-2005

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:

System/FPA Register ID# FC118

<b>Products</b>	Protecta FR Acrylic Stone wool
<b>Application</b>	Fire stopping of cables in flexible walls
<b>Construction</b>	Minimum wall thickness of 100 mm and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 12.5 mm thick boards

### Fire & Sound classification

Cables ≤ Ø21mm (electrical, fibre optic, data) single or in a bundle up to 50mm with 12.5mm Acrylic and 12.5mm stone wool (or 25mm Acrylic) FRR -/120/90

Electrical cables ≤ Ø21mm single or in a bundle up to 100mm with 25mm Acrylic and 20mm stone wool FRR -/120/120

Electrical cables ≤ Ø80mm single or in a bundle up to 100mm with 25mm Acrylic and 25mm stone wool FRR -/120/60

ZERO smoke leakage up to 200Pa

Sound reduction (seal only) STC 62



# Protecta®

Polyseam Ltd, 15 St Andrews Road,  
 Huddersfield, West Yorkshire, HD1 6SB

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