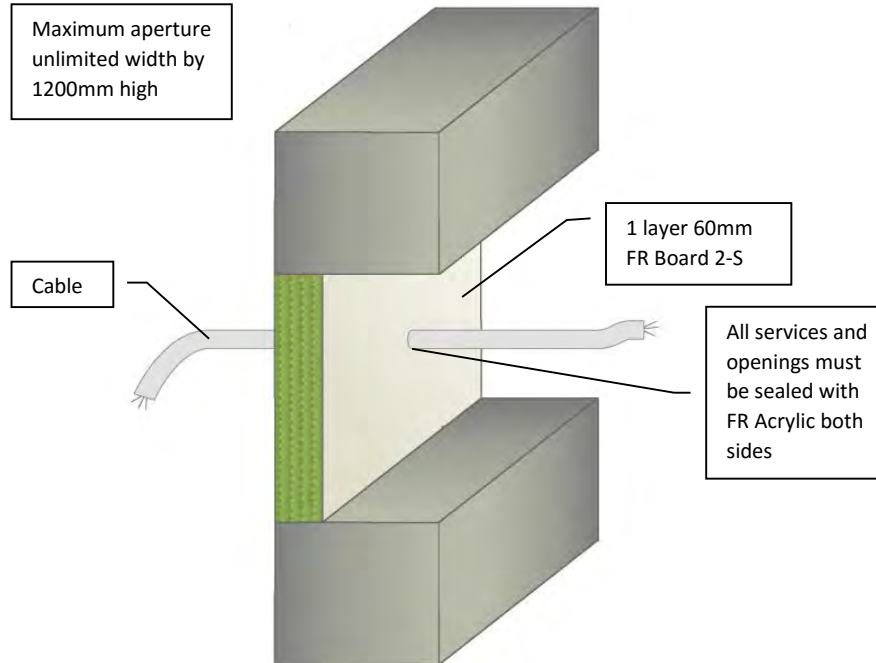


Protecta FR Board Concrete Wall min 75mm Single Cable

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. The board can be positioned to either side of the construction or anywhere in between.
 3. 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.
 4. Board must be friction fitted or otherwise firmly supported. Then all joints, gaps or imperfections in the installed seal must be filled with Protecta® FR Acrylic on both sides.
 5. Protecta® FR Board can be over-painted with most emulsion or alkyd (gloss) paints.
- Wall thickness down to 75 mm accepted with FRR of system being reduced to FRR of the wall.



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.

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

Signed and approved:

System/FPA Register ID# FC176

Products	Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of cables in rigid walls
Construction	Minimum wall thickness of 75mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

Fire & Sound classification

Single Cables $\leq \text{Ø}21\text{mm}$

150mm wall thickness FRR -/240/90

75mm wall thickness FRR -/120/90

Smoke-safe ($<0.1\text{m}^3/\text{h}$ smoke leakage at 200Pa)

Sound reduction (seal only) STC 55



Protecta®

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

Tel: +44 (0) 148 4421036

Email: post.uk@polyseam.com

Sheet size:	Drawn date & no:
A4	20/4/21

Scale:	Drawn by:
NTS	K.B