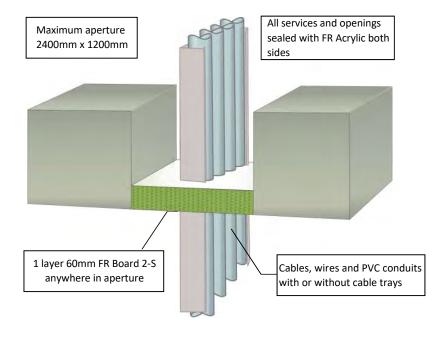


Protecta FR Board - 100mm Concrete Floor **Cables & Cable Trays**

Authorised New Zealand Distributor Ph (09) 483 4000 www.firestopcentre.co.nz

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 FR Board seal can be positioned to either side of the construction or anywhere in between.
- 3. Cables may be single, bundled or on trays.
- 4. 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.
- 5. All joints, gaps or imperfections in the installed seal must be filled with Protecta® FR Acrylic on both sides.
- 6. Protecta® FR Board can be over-painted with most emulsion or alkyd (gloss) paints.
- 7. Protecta FR Board is not load-bearing. Take appropriate health and safety measures.



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.



FAS 2000262 AS1530.4-2014 AS4072.1-2005

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Permitted Aperture Sizes

Where standard aperture sizes of 1200mm by 2400mm are stated, the following additional sizes are automatically permitted:

1100mm x 2900mm 1000mm x 4000mm 900mm x 7000mm 800mm x unlimited

warringtonfire

FAS 200262 Pages 37 & 104 AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC183

Products Protecta FR Board Protecta FR Acrylic

Application Fire stopping of cables, wires and conduits inc cable trays in

rigid floors

Construction Minimum floor thickness of

100mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

Fire & Sound classification

Cables ≤ Ø21mm, single, bundled or on trays

FRR -/90/30

Cables ≤ Ø80mm, single, bundled or on trays

FRR -/90/30

PVC Conduits ≤ Ø16mm

FRR -/30/30

Where FRR of floor is less than FRR of the seal, then the lower FRR applies.

Smoke-safe (<0.1m³/h smoke leakage at 200Pa)

Sound reduction (seal only) STC 64



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

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