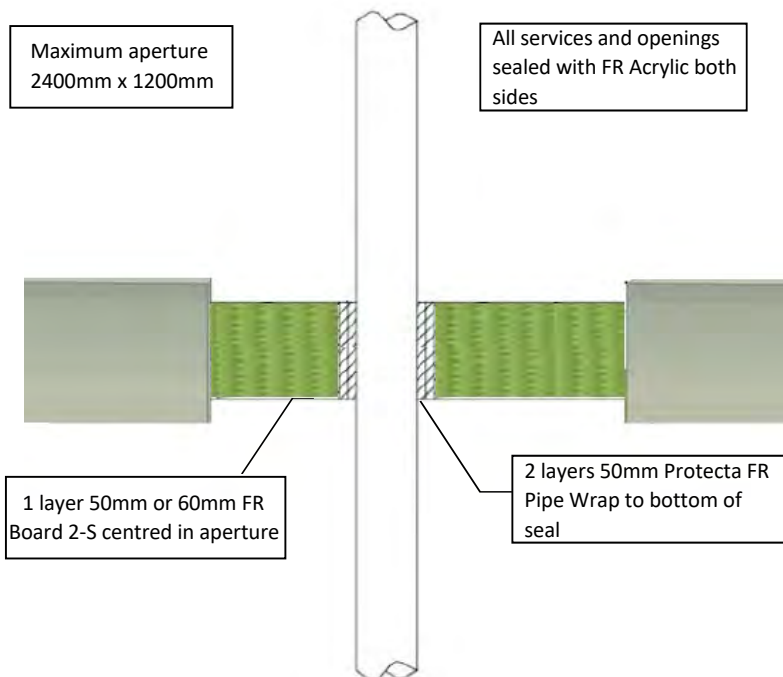


Protecta FR Board - 100mm Concrete Floor PVC Pipes with Protecta FR Wrap

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 to be positioned at mid-depth of the floor.
3. FR Wrap to be applied to the bottom of the seal.
4. Cut the required board 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.

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

System/FPA Register ID# FC165

Products	Protecta FR Board Protecta FR Wrap Protecta FR Acrylic
Application	Fire stopping of PVC pipes with FR Wrap in rigid floors
Construction	Minimum floor thickness of 100mm and comprise aerated concrete or concrete with a minimum density of 650kg/m ³ .

Fire & Sound classification

PVC-U Pipes ≤ Ø110mm FR Wrap 50mm 2 layers
FRR -/90/90

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

Sound reduction (seal only) STC 64

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