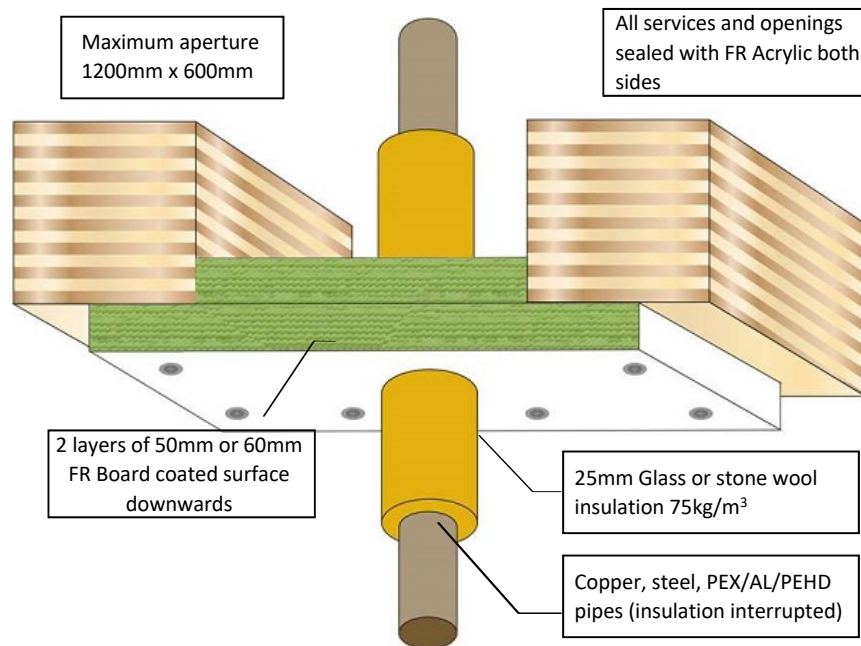


Protecta FR Board - 150mm Timber Floor (Solid or CLT) Steel, Copper, Alupex Pipes Interrupted Insulation

Installation Instructions

- 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.
- The FR Board may be 50mm or 60mm with coated side facing downwards.
- Cut the required boards to suit the aperture dimensions and type and size of service penetration(s). Friction fit the first board into the bottom of the aperture. Apply a nominal 1mm thick layer of FR Acrylic to the top surface of the second board and attach it with minimum 100mm overlap on all sides using 100mm wood screws with penny washers at each corner and <280mm centres 50mm in from edge.
- 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.
- All joints, gaps or imperfections in the installed seal must be filled with Protecta® FR Acrylic on both sides.
- Protecta® FR Board can be over-painted with most emulsion or alkyd (gloss) paints.
- 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.

System/FPA Register ID# FC577

Products	Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of insulated steel, copper, Alupex pipes in timber floors
Construction	Minimum floor thickness of 150mm and comprise solid timber or CLT with a minimum density of 480kg/m ³

Fire & Sound classification

Aperture 1200 x 600mm	
Steel pipes ≤ Ø273mm	FRR -/90/60
Copper pipes ≤ Ø54mm	FRR -/90/90
Alupex pipes ≤ Ø75mm	FRR -/90/60

Min 25mm thick glass or stone wool insulation of density min 75kg/m³

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

Sound reduction (seal only) STC 64



Protecta®

Polyseam Ltd, 15 St Andrews Road,
Huddersfield, West Yorkshire, HD1 6SB
Email: post.uk@polyseam.com

Sheet size:	Drawn date & no:
A4	19/8/21

Scale:	Drawn by:
NTS	K.B