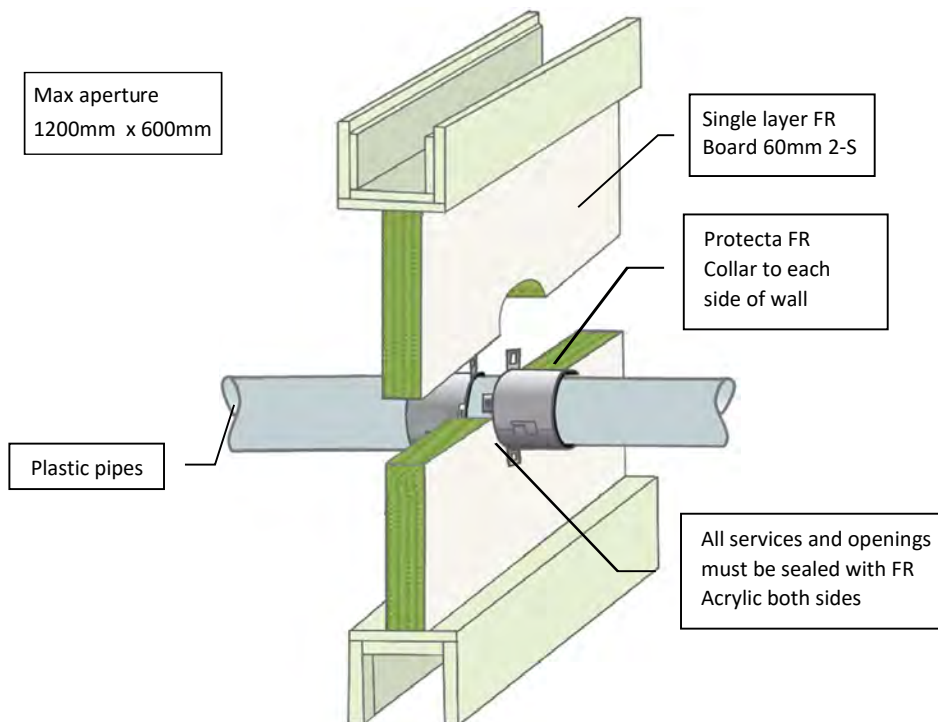


Installation Instructions

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 single layer of 60mm 2-S FR Board may be installed flush with either face or anywhere inbetween.
3. Cut the board to suit the aperture dimensions and type and size of service penetrations. 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 to be friction fitted and collars fitted both sides, 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.
6. Apertures must be lined. Cavity insulation optional.



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.

Products	Protecta FR Board h 7k # Protecta FR Acrylic
Application	Fire stopping of pipes in walls
Construction	Minimum wall thickness of 100mm and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 13mm thick board.

Fire & Sound classification

See page 2 for FRRs for all plastic pipe types

Sound reduction (seal only)

STC 55



ETA 21/0047



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

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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:

Sheet size: A4	Drawn date & no: 20/4/21
Scale: NTS	Drawn by: K.B



FIRESTOP CENTRE

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

Protecta FR Board - Plasterboard Wall - Plastic Pipe Details for PVC, HDPE, PEX, ABS, PP, etc

warringtonfire

FAS 200262 Pages 83, 88
AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC172

Pipes	Wall thickness	Collar	Classification	Collar	Classification
PVC-U, PVC-C and similar					
Up to 40mm diam	Up to 1.9mm	30mm	FRR -/90/45	50mm	FRR -/120/60
Up to 110mm diam	Up to 6.6mm	30mm	FRR -/90/30	50mm	FRR -/90/60
Up to 125mm diam	Up to 9.5mm			60mm	FRR -/60/60
Up to 160mm diam	Up to 9.5mm			60mm	FRR -/60/60
PE, PE-LD, PE-MD, PE-HD, PE-X, ABS, SAN+PVC and similar					
Up to 40mm diam	Up to 4.6mm	30mm	FRR -/60/30	50mm	FRR -/120/60
Up to 110mm diam	Up to 10.0mm	30mm	FRR -/60/30	50mm	FRR -/90/60
Up to 125mm diam	Up to 10.0mm			60mm	FRR -/60/60
Up to 160mm diam	Up to 10.0mm			60mm	FRR -/60/60
PP, PP-MV, PP-H, PP-R and similar					
Up to 40mm diam	Up to 4.6mm			50mm	FRR -/60/60
Up to 110mm diam	Up to 4.6mm			50mm	FRR -/60/60
Up to 125mm diam	Up to 9.1mm			60mm	FRR -/60/60
Up to 160mm diam	Up to 9.1mm			60mm	FRR -/60/60

Products	Protecta FR Board h 7k # Protecta FR Acrylic
Application	Fire stopping of pipes in walls
Construction	Minimum wall thickness of 100mm and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 13mm thick board.

Fire & Sound classification



Protecta[®]

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