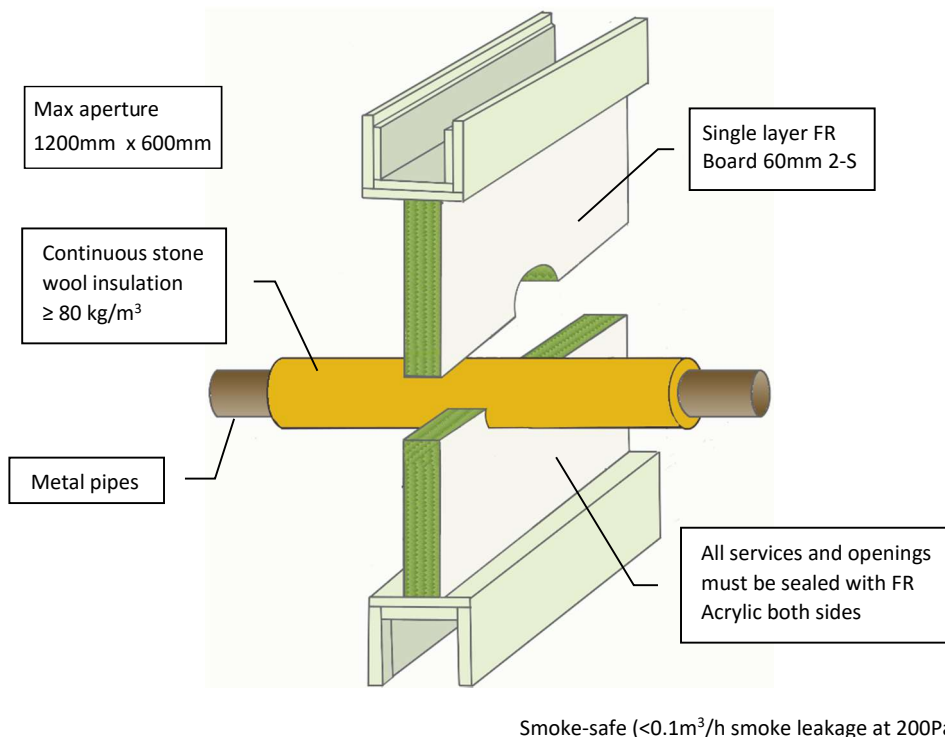


## Protecta FR Board 60mm 2-S in Plasterboard Wall Metal Pipes with Continuous Insulation

System/FPA Register ID# FC171

### 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, 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.

<b>Products</b>	Protecta FR Board Protecta FR Acrylic
<b>Application</b>	Fire stopping of insulated metal pipes in flexible walls
<b>Construction</b>	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

Steel pipes $\leq \varnothing 324\text{mm}$ with 20-30mm stone wool insulation	FRR -/90/60
Copper pipes $\leq \varnothing 54\text{mm}$ with 20-40mm stone wool insulation	FRR -/60/30
Alupex pipes $\leq \varnothing 75\text{mm}$ with 25mm stone wool insulation	FRR -/60/60
Copper pipes $\leq \varnothing 54\text{mm}$ with 20mm stone wool insulation interrupted	FRR -/60/45
Copper pipes $\leq \varnothing 54\text{mm}$ with no insulation (bare pipe)	FRR -/60/-
Sound reduction (seal only)	STC 55




# Protecta®

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](http://www.firestopcentre.co.nz)

Signed and approved:

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