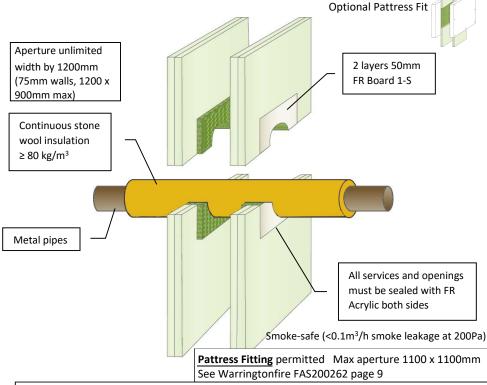


Authorised New Zealand Distributor
Ph (09) 483 4000 www.firestopcentre.co.nz

# Protecta FR Board - Plasterboard Wall Metal Pipes with Continuous Insulation

## <u>Installation Instructions</u>

- 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 coated side of the board should be flush with the surface of the gypsum on both sides.
- When fire sealing shaft walls consisting of gypsum only on one side, subject to authority approval, install Protecta® FR Board on the exposed side. The board should be facing the (fire) exposed side.
- 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.
- Boards to be friction fitted, then 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.
- 7. Apertures not required to 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.



As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

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:

# warringtonfire

FAS 200262 Pages 57, 9 AS1530.4-2014 AS4072.1-2005

# System/FPA Register ID# FC272

**Products** Protecta FR Board

Protecta FR Acrylic

**Application** Fire stopping of insulated metal

pipes in flexible walls

Construction Minimum wall thickness of

75mm and comprise steel studs or timber studs lined on both faces with minimum 1 layer of 13 mm thick board.

#### Fire & Sound classification

In  $\underline{100mm}$  walls, double layer plasterboard Steel pipes  $\leq$  Ø324mm with 20-80mm stone wool insulation FRR -/120/120 Copper pipes  $\leq$  Ø54mm with 20-40mm stone wool insulation FRR -/60/60 Alupex pipes  $\leq$  Ø75mm with 20-60mm stone wool insulation FRR -/120/90

In 75mm walls, single layer plasterboard Steel pipes  $\leq \emptyset$ 324mm with 20-80mm stone wool insulation FRR -/60/60 Copper pipes  $\leq \emptyset$ 54mm with 20-40mm stone wool insulation FRR -/60/60 Alupex pipes  $\leq \emptyset$ 75mm with 20-60mm stone wool insulation FRR -/60/60

Sound reduction (seal only)

STC 55



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

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