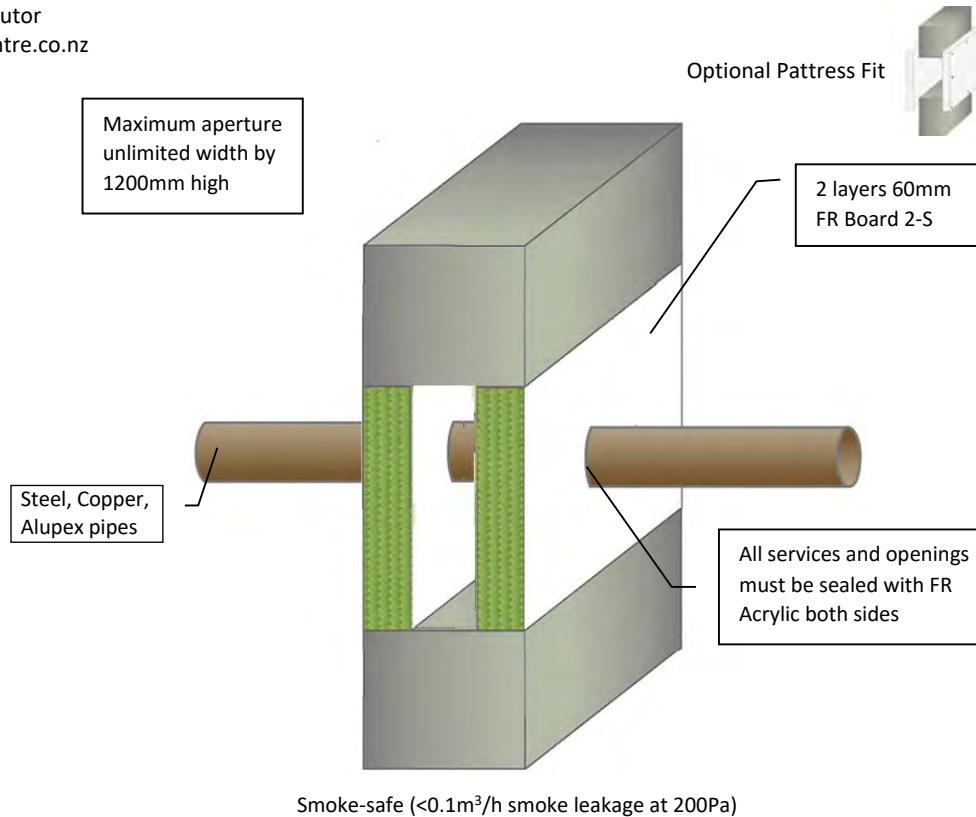


Protecta FR Board - Concrete Wall min 75mm Steel, Copper, Alupex Pipes - Bare

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. Protecta® FR Coating and Protecta® FR Acrylic are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
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.
5. Boards must be friction fitted or otherwise firmly supported. Then 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.



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.

Patrix Fitting permitted Max FRR -/120/120 Max aperture 1100 x 1100mm See Warringtonfire FAS200262 page 9



warringtonfire

ETA 21/0047 FAS 2000262 AS1530.4-2014 AS4072.1-2005

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

Signed and approved:

System/FPA Register ID# FC569

Products	Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of bare pipes in rigid walls
Construction	Minimum wall thickness of 75mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

Fire & Sound classification

In 150mm thick wall with 2 x 60mm FR Boards:	
Steel pipes up to 219mm	FRR -/240/-
Copper pipes up to 54mm	FRR -/240/-
Alupex pipes up to 16mm	FRR -/240/-
In 100mm thick wall with 2 x 50mm FR Boards:	
Steel pipes up to 324mm	FRR -/120/-
Copper pipes up to 54mm	FRR -/120/-
Alupex pipes up to 75mm	FRR -/120/-
In 75mm thick wall with 2 x 50mm FR Boards:	
All above FRRs approved subject to maximum FRR -/60/60 and max aperture of 900 x 1200mm (See page 9)	

Sound reduction (seal only) STC 55



Protecta®

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