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

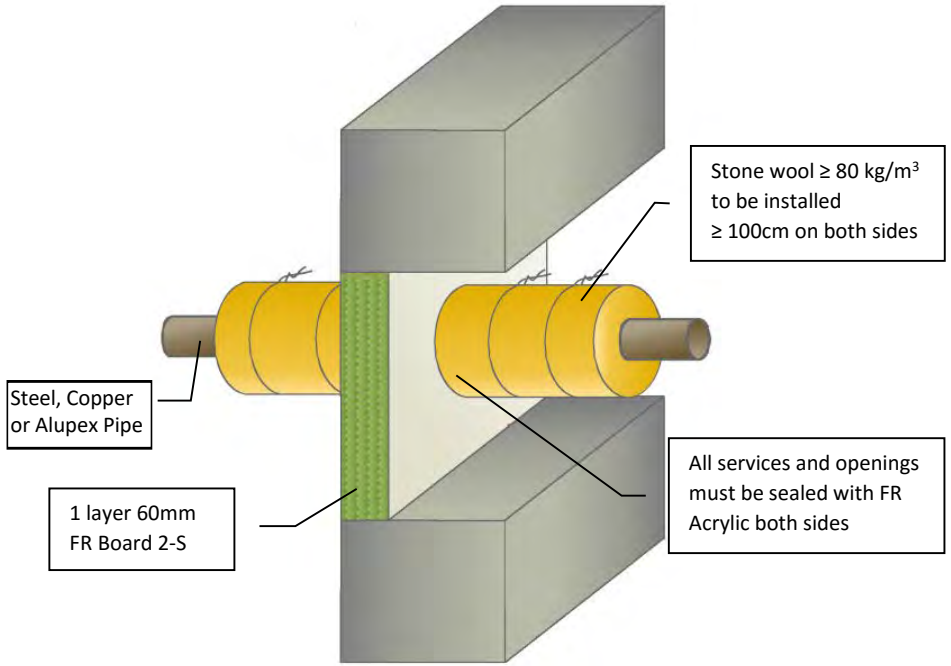
Protecta FR Board, Concrete Wall from 75mm Steel, Copper or Alupex Pipe Interrupted or Sustained Insulation

System/FPA Register ID# FC178

Products	Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of steel, copper or alupex pipes in rigid walls
Construction	Minimum wall thickness of 75mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

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 board can be positioned to either side of the construction or anywhere in between.
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. The board 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.



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

Fire & Sound classification

Wall Thickness 150mm

Copper or steel pipes ≤ Ø54mm in aperture
115mm wide and 115mm high FRR -/240/120
or unlimited width x 1200mm FRR -/240/90

Alupex pipes ≤ Ø75mm in maximum aperture
200mm wide and 200mm high FRR -/120/120
or unlimited width x 1200mm FRR -/120/90

Steel pipes ≤ Ø219mm in maximum aperture
280mm wide and 280mm high FRR -/240/240
or unlimited width x 1200mm FRR -/240/90

Wall Thickness 75mm

Copper or steel pipes ≤ Ø54mm in aperture
unlimited width x 1200mm FRR -/120/90

Alupex pipes ≤ Ø75mm in maximum aperture
unlimited width x 1200mm FRR -/120/90

Steel pipes ≤ Ø325mm in maximum aperture
unlimited width x 1200mm FRR -/120/90

Sound reduction (seal only) STC 55

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.

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

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:

Protecta®

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