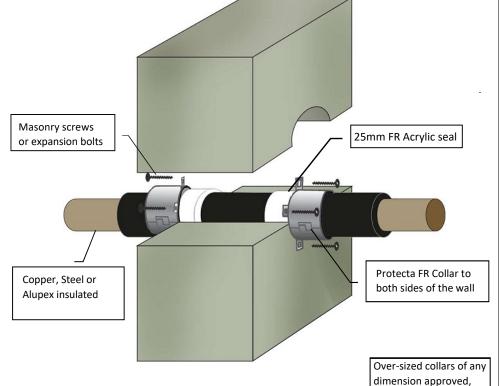
FIRESTOP CENTRE INNOVATIVE FIRESTOP SOLUTIONS

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

Protecta FR Collar - 100mm Concrete Wall Metal Pipes (Steel, Copper, Alupex) Combustible (Elastomeric, Foam) or Non-combustible Insulation

Installation Instructions

- For sealing plastic pipes, a pipe collar is installed on both sides of the wall.
- Before fitting the pipe collar ensure that any gaps between the pipe and the separating element are sealed. Gaps between the pipe and the construction below 8mm must have a bead of Protecta FR Acrylic to cover the opening, and for gaps 8mm or above, the seal must be plugged with FR Acrylic to a depth of 25mm.
- Place a pipe collar around the service penetration (pipe) and ensure that the fixing lugs are positioned tightly to the surface of the wall so that the anchors/fixings can be inserted fully.
- Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the wall and the pipe collar.
- Attach the pipe collar with masonry screws or expansion bolts that are suitable for the substrate that the collar will be fitted to.
- 6. On sites where the penetration size is greater than the pipe diameter and/or the pipe is on an angle an oversized collar can be used. Protecta® FR Collars are tested 'oversize', i.e. the internal diameter of the collar can be larger than the pipe.





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subject to: Max angle 45° Max FRR -/120/120

Max collar size 160mm

warringtonfire

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System/FPA Register ID# FC615

Products Protecta FR Collar

Protecta FR Acrylic

Application Fire stopping of metal pipes with

combustible or non-combustible

insulation in rigid walls.

Construction Minimum wall thickness of

100mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

Fire & Sound classification

Copper or mild steel pipes, diameter up to 54mm:

With 9-50mm Elastomeric or non-combustible insulation with 50mm FR Collar up to 110mm or 60mm FR Collar up to 160mm FRR -/90/60

With 25mm Phenolic Foam or non-combustible insulation with 50mm FR Collar up to 110mm

With 20mm PE foam or non-combustible insulation with 50mm FR Collar up to 110mm FRR -/120/90

Alupex pipes, diameter up to 75mm:

With 9-50mm Elastomeric or non-combustible insulation with 50mm FR Collar up to 110mm or 60mm FR Collar up to 160mm FRR -/90/60

ZERO smoke leakage up to 200Pa

Sound reduction (seal only)

STC 58

Sheet size:	Drawn date & no:
A4	28/7/20
Scale:	Drawn by:
NTS	K.B