



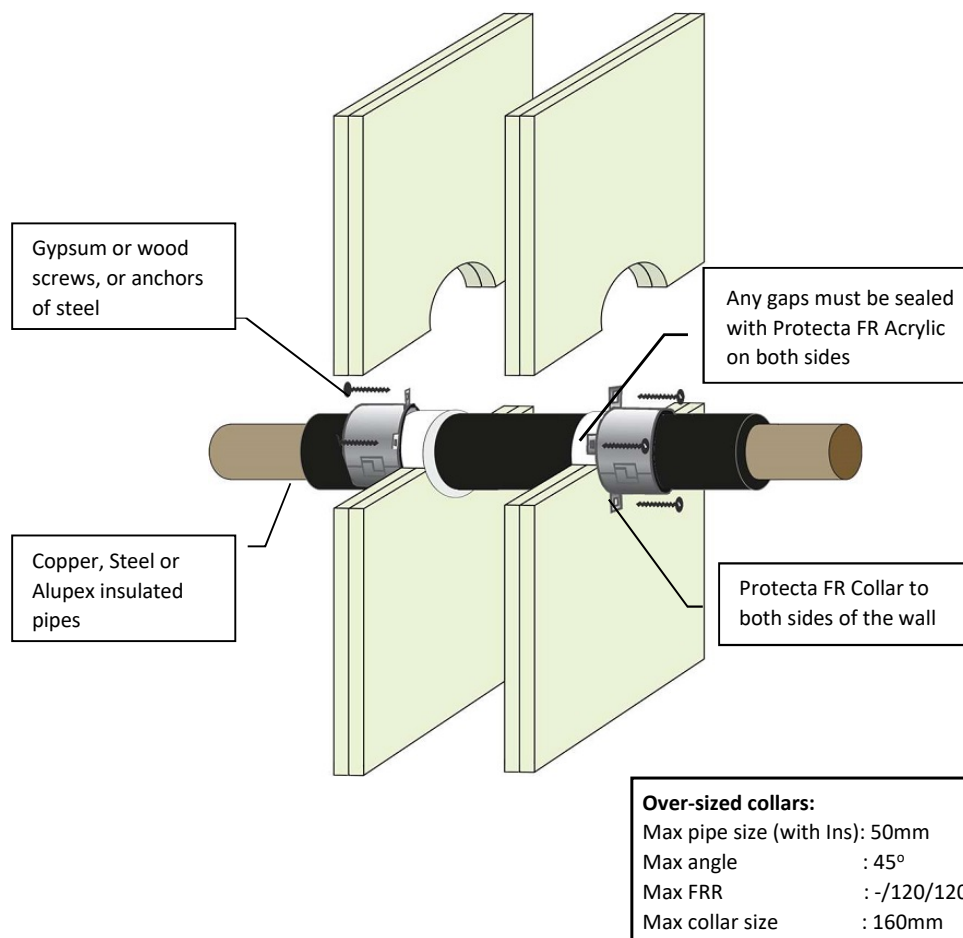
# FIRESTOP CENTRE

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

## Protecta FR Collar - PB Wall Metal Pipes (Steel, Copper, Alupex) Combustible or Non-combustible Insulation

### Installation Instructions

1. For sealing pipes, a pipe collar is installed on both sides of the wall.
2. 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 the depth of the plasterboard.
3. 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.
4. Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the wall and the pipe collar.
5. Attach the pipe collar with steel screws, anchors or fixings that are suitable for the number of boards that form the wall.
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.



### System FC437

<b>Products</b>	Protecta FR Collar Protecta FR Acrylic
<b>Application</b>	Fire stopping of metal pipes with combustible or non-combustible insulation in flexible walls.
<b>Construction</b>	Minimum wall thickness of 100 mm and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 12.5mm thick fire-rated board.

### Fire & Sound classification

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

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

With 25mm Phenolic Foam or non-combustible insulation with 50mm high FR Collar up to 110mm  
FRR -/120/60

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

Alupex pipes, diameter up to 75mm:

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

ZERO smoke leakage up to 200Pa with 10mm FR Acrylic

Sound reduction (seal only) STC 58

Sheet size: <b>A4</b>	Drawn date & no: 28/7/20 R1.1
Scale: <b>NTS</b>	Drawn by: K.B

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