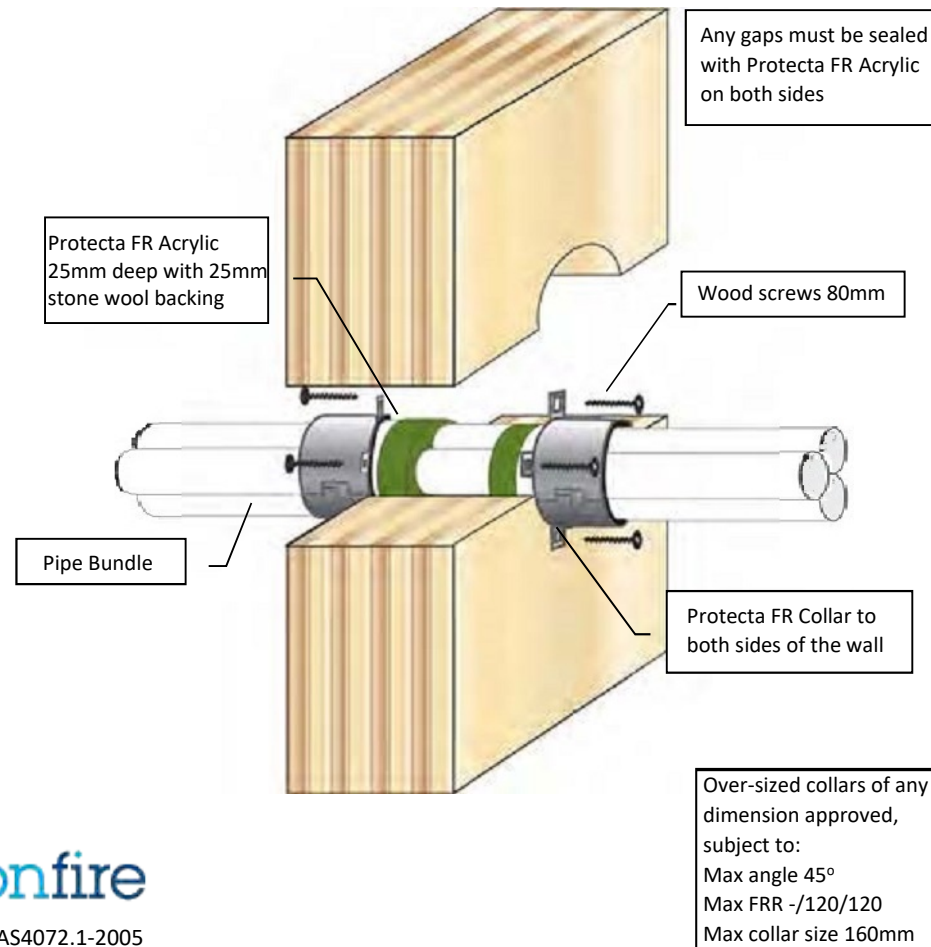


Protecta FR Collar - Solid Timber or CLT Wall Plastic Pipes up to 40mm Bundled

Installation Instructions

1. For sealing plastic 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 must be plugged with 25mm deep Protecta FR Acrylic on 25mm deep backing of stone-wool (or 50mm FR Acrylic).
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 80mm wood screw 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. Annular gap must be minimum 10mm for pipe sizes up to 160mm. Annular gap for larger pipe sizes must be 8-12mm.
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/FPA Register ID# FC604

Products	Protecta FR Collar Protecta FR Acrylic
Application	Fire stopping of plastic pipe bundles in timber walls
Construction	Minimum wall thickness of 100mm and comprise solid wood or cross-laminated timber with min density 510kg/m ³

Fire & Sound classification

Pipes ≤ Ø 40mm, in a bundle ≤ Ø110mm, with collars ≤ Ø110mm at ≥ 50mm height
FRR -/90/90

Pipes ≤ Ø 40mm, in a bundle ≤ Ø160mm, with collars ≤ Ø160mm at ≥ 60mm height
FRR -/90/90

Plastic pipes may be PVC-U, PVC-C, PE, HDPE, PEX, PP, PP-H, PP-MV, PP-R or similar. A bundle can be any mix of the above.

ZERO smoke leakage up to 200Pa

Sound reduction (seal only) STC 58

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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:

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Drawn by: **K.B**