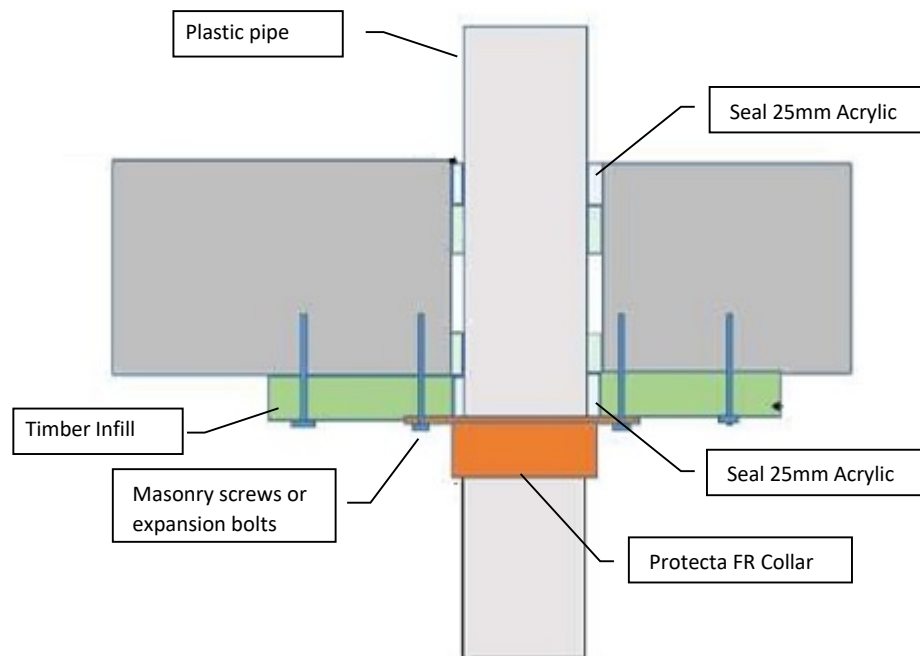


Protecta FR Collar - Plastic Pipes in Concrete Floors with Timber Infill

Installation Instructions

1. A single pipe collar is installed on the underside of the floor.
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 to be sealed with 50mm FR Acrylic top and bottom, or 25mm deep FR Acrylic on 25mm deep backing of stonewool top and bottom.
3. Place a pipe collar around the service penetration (pipe) and ensure that the fixing lugs are positioned tightly to the surface of the floor so that the fixings can be inserted fully.
4. Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the floor and the pipe collar.
5. Attach the pipe collar through the timber and at least 40mm into the concrete - i.e. with $\varnothing 4 \times 65$ mm long masonry screws or expansion bolts if the timber infill is 25mm thick.
6. Where the floor slab is less than 150mm the area around the penetration must be built up to 150mm using Protecta FR Board or plasterboard (min 100mm from edge of aperture hole).



System/FPA Register ID# FC473

Products Protecta FR Collar
Protecta FR Acrylic

Application Fire stopping of plastic pipes in rigid floors with in-situ timber formwork

Construction Minimum floor thickness of 100mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

Fire & Sound classification

Fire classifications will be the same as for the equivalent system without timber infill, subject to;
Max FRR -/120/120
Annular space to be sealed top and bottom with 25mm FR Acrylic plus 25mm stonewool.
Collar to be fixed through the timber formwork and at least 40mm into concrete slab.

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 date & no: 28/7/17

Scale: **NTS**
Drawn by: K.B