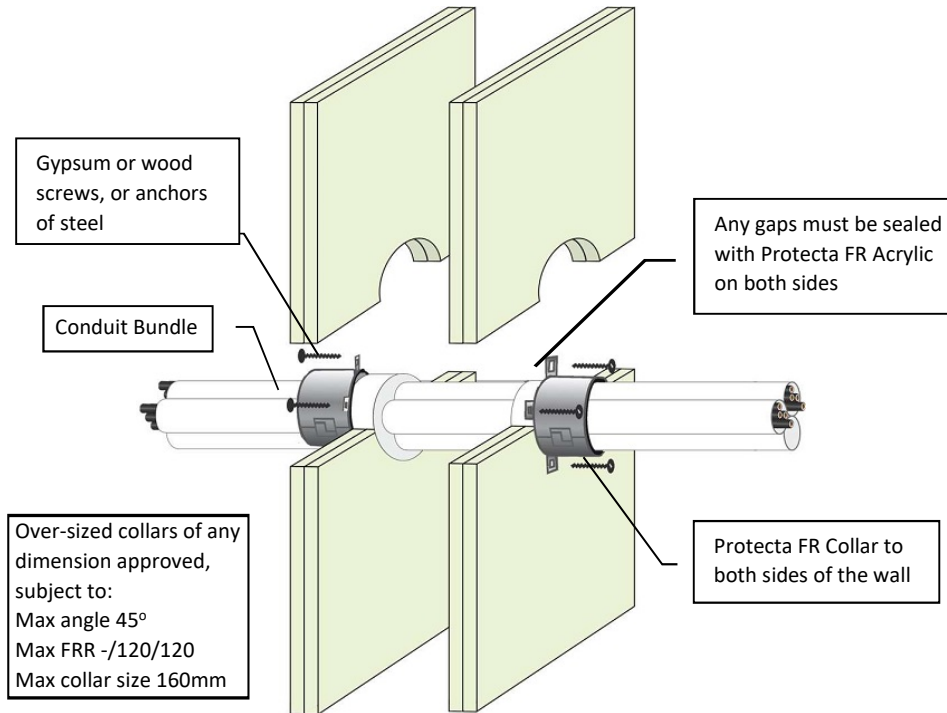


Protecta FR Collar - Plasterboard Wall Conduits - Single or Bundled

Installation Instructions

1. For sealing conduits, a Protecta FR Collar is installed on both sides of the wall.
2. Before fitting the collar ensure that any gaps between the conduits and the separating element are sealed. Gaps between the conduits 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 collar around the conduits 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 collar.
5. Attach the 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 conduit diameter and/or the conduits are 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 conduits.



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

System/FPA Register ID# FC597

Products	Protecta FR Collar Protecta FR Acrylic
Application	Fire stopping of conduit bundles in flexible walls
Construction	Minimum wall thickness of 100 mm and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 12.5 mm thick boards

Fire & Sound classification

Conduits $\leq \varnothing 40\text{mm}$, in a bundle $\leq \varnothing 110\text{mm}$, with collars $\leq \varnothing 110\text{mm}$ at $\geq 50\text{mm}$ height
FRR -/90/90

Conduits $\leq \varnothing 40\text{mm}$, in a bundle $\leq \varnothing 160\text{mm}$, with collars $\leq \varnothing 160\text{mm}$ at $\geq 60\text{mm}$ height
FRR -/90/90

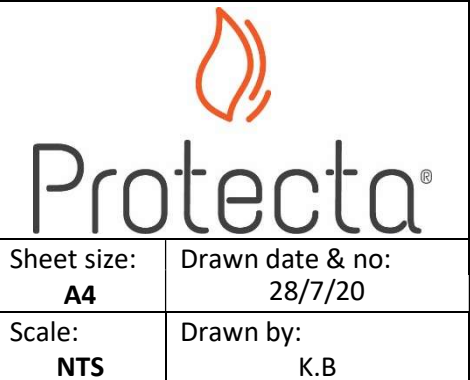
Conduits may be rigid or flexible and may be PVC-U, PVC-C, PE, HDPE, PEX, PP or PP-R. A bundle can be any mix of the above and each conduit can be empty, partially or fully filled with all types of insulated cables with copper or aluminium conductors, fibre optic cables and data communication cables up to 21mm diameter.

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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Scale: NTS	Drawn by: K.B