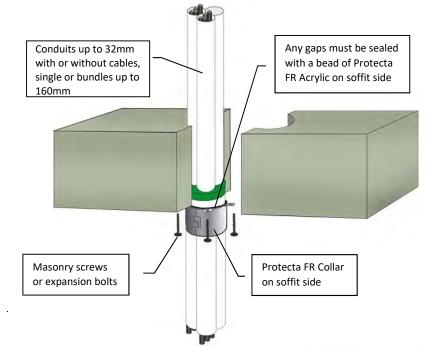


INNOVATIVE FIRESTOP SOLUTIONS
Authorised New Zealand Distributor
Ph (09) 483 4000 www.firestopcentre.co.nz

Protecta FR Collar Concrete or AAC Floor min 100mm Conduits - Single or Bundled, Rigid or Flexible

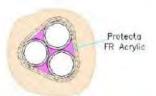
Installation Instructions

- A single collar is installed on the underside of the floor.
- Before fitting the collar ensure that any gaps between the conduits and the floor slab are sealed with 10mm deep Protecta® FR Acrylic on 40mm deep backing of stonewool. (Any stonewool, rockwool or mineral wool of density 33kg/m³ is acceptable). Alternatively FR Acrylic to the full depth of the stonewool may be used if more convenient.
- Place a collar around the conduits and ensure that the fixing lugs are positioned tightly to the surface of the floor so that the fixings can be inserted fully.
- Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the floor and the collar.
- Attach the collar with steel screws or fixings that are suitable for the substrate that the collar will be fitted to.
- 6. On sites where the penetration size is greater than the conduits' diameter and/or the conduits are on an angle, an oversized collar can be used, i.e. the internal diameter of the collar can be larger than the conduits.
- For visual integrity gaps between conduits and collar may optionally be sealed with a thin bead of FR Acrylic sealant.



NOTE: Smaller conduits can be bundled up to 160mm diam and wrapped as a single unit.

Fill annular space with FR Acrylic.





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warringtonfire

FAS 190125 Pages 96, 8, 9 AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC440

Products Protecta FR Collar

Protecta FR Acrylic

Application Fire stopping of rigid or flexible conduits in concrete floors

Construction Minimum floor thickness of

100mm* and comprise aerated concrete or concrete with a minimum density of 650kg/m³

Fire & Sound classification:

Each conduit can be up to 32mm diam and be of PVC-C, PVC-U, PE, HDPE, PEX, ABS or SAN+PVC. Cables can be electrical, fibre optic or data up to 21mmm diam.

Conduits up to 32mm diam in bundles up to 110mm, 50mm high collar FRR -/90/90

Conduits up to 32mm diam in bundles up to 160mm, 60mm high collar FRR -/90/90

*FRRs shown are for a 150mm floor. Where the FRR of a thinner floor is less than these ratings then the FR Collar rating must be reduced to the FRR of the floor or use NZAS 3600:2018

Over-sized collars of any dimension approved (see pages 9 & 52), subject to:

Max angle 45°
Max FRR -/120/120
Max collar size 160mm
Max average annular space 55mm

ZERO Smoke at 200Pa

Sound reduction (seal only)

STC 58

Sheet size:	Drawn date & no:
A4	28/7/21
Scale:	Drawn by:
NTS	K.B