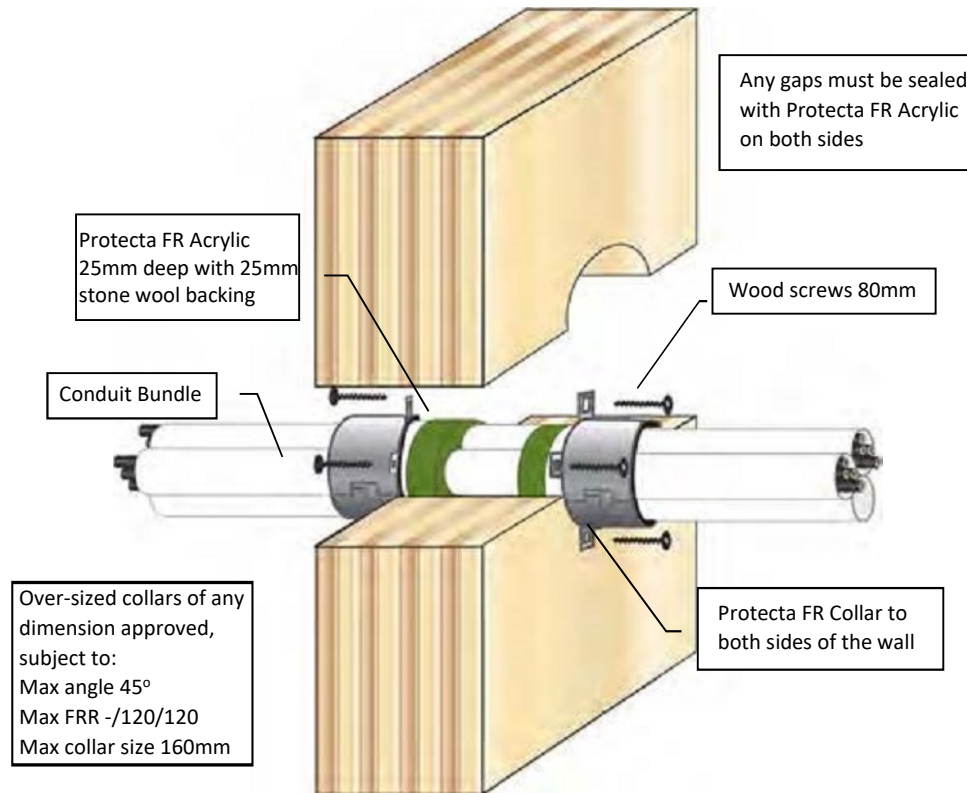


## Protecta FR Collar - Solid Timber or CLT Wall Conduits - Single or Bundled

### Installation Instructions

- For sealing plastic conduits, a pipe collar is installed on both sides of the wall.
- Before fitting the pipe collar ensure that any gaps between the conduits and the separating element are sealed. Gaps between the conduits and the construction must be plugged with 25mm deep Protecta FR Acrylic on 25mm deep backing of stone wool (or 50mm FR Acrylic).
- Place a pipe collar around the conduits 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.
- Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the wall and the pipe collar.
- Annular gap must be minimum 10mm for pipe sizes up to 160mm.
- 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

As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

For all technical details on the products specified please refer to the technical data sheets that can be found on [www.firestopcentre.co.nz](http://www.firestopcentre.co.nz)

Signed and approved:

System/FPA Register ID# FC606

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

### Fire & Sound classification

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

Conduits ≤ Ø 40mm, in a bundle ≤ Ø160mm, with collars ≤ Ø160mm at ≥ 60mm 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



# Protecta®

Sheet size: **A4** Drawn date & no: **28/7/20**

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