



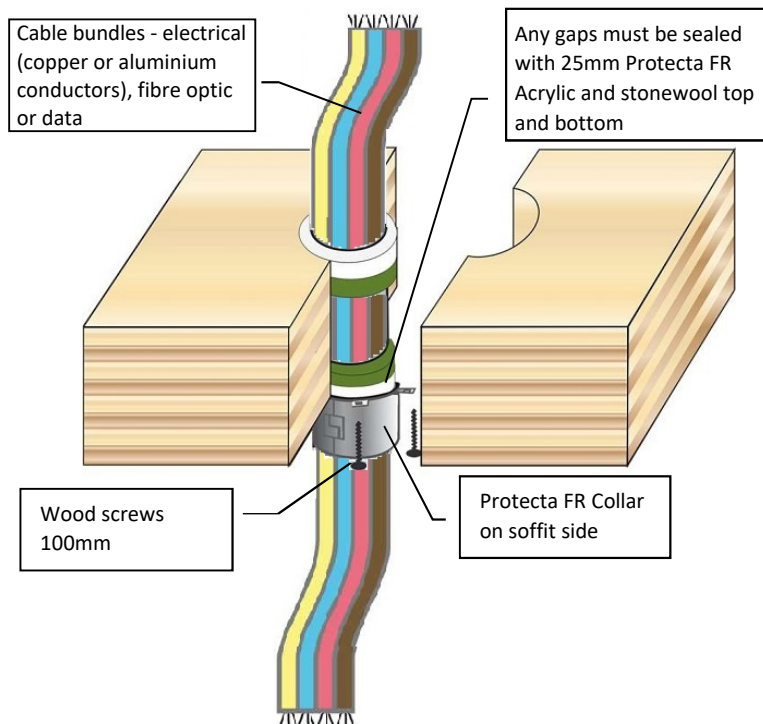
# FIRESTOP CENTRE

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

## Protecta FR Collar Solid Timber or CLT Floor min 150mm Cable Bundle

### Installation Instructions

1. A single collar is installed on the underside of the floor.
2. Before fitting the collar ensure that any gaps between the cables and the floor slab are sealed top and bottom with 25mm deep Protecta® FR Acrylic on 25mm deep backing of stonewool. (Any stonewool, rockwool or mineral wool of density 33kg/m<sup>3</sup> is acceptable). Alternatively FR Acrylic to the full depth of the stonewool may be used if more convenient.
3. Place a collar around the cables 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 collar.
5. Attach the collar with 100mm wood screws.
6. On sites where the penetration size is greater than the cable diameter and/or the cables are on an angle, an oversized collar can be used, i.e. the internal diameter of the collar can be larger than the cables.
7. For visual integrity gaps between cables and collar may optionally be sealed with a thin bead of FR Acrylic sealant.



warringtonfire

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

### System FC595

|                     |  |
|---------------------|--|
| <b>Products</b>     | Protecta FR Collar<br>Protecta FR Acrylic  |
| <b>Application</b>  | Fire stopping of cable bundles in timber floors  |
| <b>Construction</b> | Minimum floor thickness of 150mm and comprise solid timber or CLT with a minimum density of 480kg/m <sup>3</sup> |

### Fire & Sound classification

Cables up to 21mm diam, bundles up to 55mm,  
30mm high collar FRR -/120/120

Cables up to 21mm diam, bundles up to 100mm,  
50mm high collar FRR -/90/90

Cables up to 21mm diam, bundles up to 160mm,  
60mm high collar FRR -/180/180

### Over-sized collars (see pages 9 & 52):

|                           |             |
|---------------------------|-------------|
| Max Cable bundle size     | : 50mm      |
| Max angle                 | : 45°       |
| Max FRR                   | : -/120/120 |
| Max collar size           | : 160mm     |
| Max average annular space | : 55mm      |

ZERO Smoke leakage up to 200Pa

Sound reduction (seal only) STC 58

|                          |                                  |
|--------------------------|----------------------------------|
| Sheet size:<br><b>A4</b> | Drawn date &<br>no: 28/7/21 R1.1 |
| Scale:<br><b>NTS</b>     | Drawn by:<br>K.B                 |

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.

  
**Protecta®**