warringtonfire FIRESTOP CENTRE Protecta FR Collar - Top-fixed - Plastic Pipe FAS 190125 Page 97, 7, 8 in Composite Floor (no minimum topping) INNOVATIVE FIRESTOP SOLUTIONS AS1530.4-2014 AS4072.1-2005 See pg 2 for PVC, HDPE, PEX, PP, PP-R, etc Authorised New Zealand Distributor System/FPA Register ID# FC438 Ph (09) 483 4000 www.firestopcentre.co.nz Products Protecta FR Collar Fire stopping of plastic pipes in Application composite floors - collar topfixed Installation Instructions Gaps must be sealed with a Construction Composite floor comprised of 1. A single pipe collar is installed on the top of the floor. aerated concrete or concrete bead of Protecta FR Acrylic Plastic pipe with a minimum density of 2. Place a pipe collar around the service penetration on top of the collar only 650kg/m<sup>3</sup> (pipe) and ensure that the fixing lugs are positioned Masonry screws tightly to the surface of the floor so that the fixings or expansion bolts Protecta FR Collar **Fire & Sound Classification** can be inserted fully. on the top side 3. Where the surface is uneven, apply a sealing bead of Fire classifications in table on page 2. Protecta® FR Acrylic between the floor and the collar \*FRRs shown are for a 150mm floor. Where the shell (but not in the annular space). FRR of a thinner floor is less than these ratings 4. Attach the pipe collar with steel screws or fixings that then the Collar rating must be reduced to the are suitable for the substrate that the pipe collar will FRR of the floor. Because the FR Collar and FR be fitted to. Acrylic are top-fixed there is no minimum 5. After fitting the collar ensure that any gaps between thickness required for the topping layer of the the pipe and the top side of the collar are sealed composite floor. with a bead of Protecta® FR Acrylic to cover the opening. Do not apply sealant to annular gap as this will inhibit the operation of the intumescent product Sound reduction (seal only) **STC 58** in the FR Collar. No oversize collars Max annular gap 10mm permitted. between pipe and concrete (no sealant in annular gap) Protect Polyseam Ltd, 15 St Andrews Road. FAS 190125 AS1530.4-2014 Huddersfield, West Yorkshire, HD1 6SB ETA 21/0070 Tel: +44 (0) 148 4421036 For all technical details on the products specified As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change Email: post.uk@polyseam.com please refer to the technical data sheets that can product specifications without giving notice. All information contained in this document is given in good faith and is be found on www.firestopcentre.co.nz Drawn date & no: Sheet size: provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over Signed and approved: A4 28/7/20 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 Scale: Drawn by:

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whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

FIRESTOP CENTRE

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

## Protecta FR Collar - Top-fixed - Plastic Pipe in Concrete Floor Slab or Composite Floor

warringtonfire

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System/FPA	A Register ID# FC438				
Products	Protecta FR Collar				
Application	Fire stopping of plastic pipes in composite floors - collar top-fixed				
Construction	Composite floor comprised of aerated concrete or concrete with a minimum density of 650kg/m <sup>3</sup>				
Fire & Sound Clas	sification				
Fire classifications	s in table opposite.				
then the Collar rating must be reduced to the FRR of the floor. Because the FR Collar and FR Acrylic are top-fixed there is no minimum thickness required for the topping layer of the composite floor.					
Sound reduction	(seal only) STC 58				
Polyseam Ltd, 15 St Andrews Road, Huddersfield, West Yorkshire, HD1 6SB Tel: +44 (0) 148 4421036 Email: post.uk@polyseam.com Sheet size: Drawn date & no:					
A4 Scale:	28/7/20				
NTS	K R				

				Closed Systems Only	
Services	Wall thickness	Collar Height	Classification	Collar Height	Classification
PVC-U, PVC-C and similar					
Up to 50mm diam	Up to 3.7mm			50mm	FRR -/240/240
Up to 110mm diam	Up to 6.6mm			50mm	FRR -/120/120
Up to 160mm diam	Up to 9.5mm			60mm	FRR -/240/180
PE, PE-LD, PE-MD, PE-HD, PE-X, ABS, SAN+PVC and similar					
Up to 50mm diam	Up to 4.6mm			50mm	FRR -/240/240
Up to 110mm diam	Up to 10.0mm			50mm	FRR -/240/60
Up to 160mm diam	Up to 9.5mm			60mm	FRR -/60/60
PP, PP-MV, PP-H, PP-R and similar					
Up to 50mm diam	Up to 4.6mm			50mm	FRR -/240/180
Up to 110mm diam	Up to 10.0mm			50mm	FRR -/180/90
Up to 160mm diam	Up to 14.6mm			60mm	FRR -/240/60



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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: