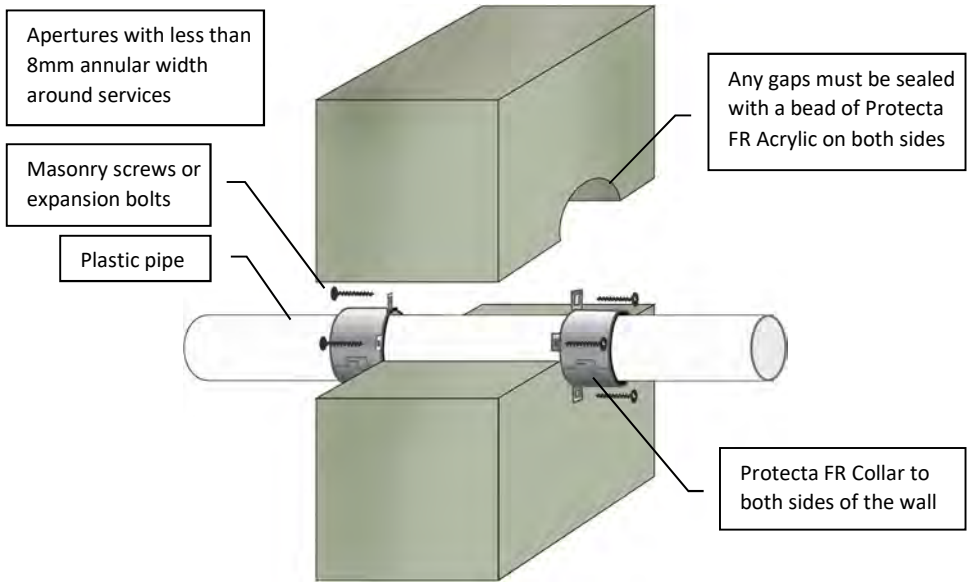
Installation Instructions

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Protecta® FR Acrylic to cover the opening.
2. Place suitable collars around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the wall and the collar shell.
4. Attach the collars with ≥ Ø4 x 40mm long masonry screws or expansion bolts.



Services	Minimum Collar Height	Classification
≤ Ø50mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
≤ Ø110mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
≤ Ø160mm PVC-U & PVC-C	60mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
≤ Ø200mm PVC-U & PVC-C	60mm	EI 120 C/C, EI 120 U/C
Ø315x9.2mm PVC-U & PVC-C	75mm	EI 120 C/C
≤ Ø50mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
≤ Ø110mm PE, ABS & SAN+PVC	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
≤ Ø160mm PE, ABS & SAN+PVC	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
Ø200x18.2mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
Ø250x22.7mm PE, ABS & SAN+PVC	75mm	EI 90 C/C (E 120)
≤ Ø50mm PP	30mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
≤ Ø110mm PP	50mm	EI 240 C/C, EI 240 U/C, EI 90 C/U, EI 90 U/U (E 240)
≤ Ø140mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 60 C/U, EI 60 U/U (E 240)
Ø160mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)

ETA 21/0070

Client:

Job Title:

Products Protecta FR Collar
Protecta FR Acrylic

Application Fire stopping of plastic pipes in rigid walls

Construction Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

Fire & Sound classification

Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.

Sound reduction (seal only)
Rw 58dB

Polyseam Ltd, 15 St Andrews Road, Huddersfield, West Yorkshire, HD1 6SB
Tel: +44 (0) 148 4421036
Email: post.uk@polyseam.com

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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.protecta.eu

Signed and approved:

Sheet size:	Drawn date & no:
A4	20/8/19
Scale:	Drawn by:
NTS	K.B