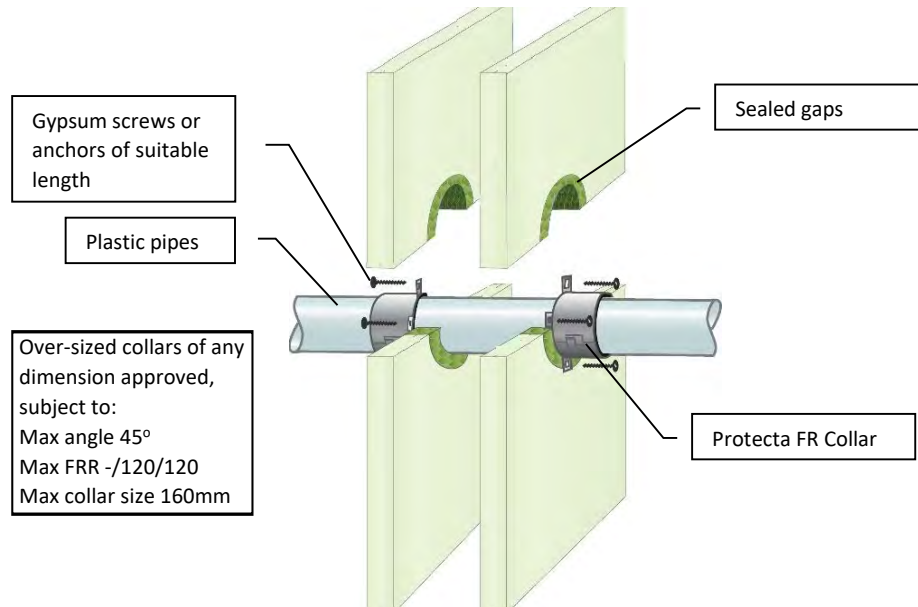


Protecta FR Collar - Plastic Pipe in Plasterboard Wall Single Layer 13mm Fireboard

See page 2 for PVC, PE, HDPE, PEX, PP, PP-R, etc

Installation Instructions

1. For sealing plastic pipes, a pipe collar is installed on both sides of the wall.
2. Before fitting the pipe collar ensure that any gaps between the pipe and the separating element are sealed. Gaps between the pipe and the construction below 8mm must have a bead of Protecta FR Acrylic to cover the opening, and for gaps 8mm or above, the seal must be plugged with FR Acrylic to the depth of the plasterboard.
3. Place a pipe collar around the service penetration (pipe) and ensure that the fixing lugs are positioned tightly to the surface of the wall so that the anchors/fixings can be inserted fully.
4. Where the surface is uneven, apply a sealing bead of Protecta® FR Acrylic between the wall and the pipe collar.
5. Attach the pipe collar with gypsum screws or anchors with a length suitable for the number of boards that form the wall.
6. On sites where the penetration size is greater than the pipe diameter and/or the pipe is 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 pipe.



Gypsum screws or anchors of suitable length

Plastic pipes

Over-sized collars of any dimension approved, subject to:
Max angle 45°
Max FRR -/120/120
Max collar size 160mm

Sealed gaps

Protecta FR Collar

System/FPA Register ID# FC541

Products	Protecta FR Collar Protecta FR Acrylic
Application	Fire stopping of plastic pipes in plasterboard walls.
Construction	Minimum wall thickness of 75mm and comprise steel or timber studs lined on both faces with minimum 1 layer of 13 mm Fire board.

Fire & Sound classification

Pipe sizes ,types and FRR in table on page 2.

ZERO smoke leakage up to 200Pa with 10mm FR Acrylic

Sound reduction (seal only) STC 58



Protecta®

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Sheet size: A4	Drawn date & no: 28/7/20
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Scale: NTS	Drawn by: K.B
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FIRESTOP CENTRE

INNOVATIVE FIRESTOP SOLUTIONS

Authorised New Zealand Distributor

Ph (09) 483 4000 www.firestopcentre.co.nz

Protecta FR Collar - Plastic Pipe in Plasterboard Wall Single Layer 13mm Fireboard

warringtonfire

FAS 190125 Pages 16, 9
AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC541

Products	Protecta FR Collar Protecta FR Acrylic
Application	Fire stopping of plastic pipes in plasterboard walls.
Construction	Minimum wall thickness of 75mm and comprise steel or timber studs lined on both faces with minimum 1 layer of 13 mm Fire board.

Fire & Sound classification

For FRR see table opposite

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

Max angle 45°

Max FRR -/120/120

Max collar size 160mm

Max average annular space 55mm

Sound reduction (seal only)

STC 58



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Services	Wall thickness	Collar Height	Classification	Closed Systems Only	
				Collar Height	Classification
PVC-U, PVC-C and similar					
Up to 50mm diam	Up to 4.6mm	30mm	FRR -/60/30		
Up to 90mm diam	Up to 5.9mm			30mm	FRR -/60/30
Up to 110mm diam	Up to 6.6mm			30mm	FRR -/60/45
Up to 160mm diam	Up to 9.5mm			60mm	FRR -/60/45
PE, PE-LD, PE-MD, PE-HD, PE-X, ABS, SAN+PVC and similar					
Up to 50mm diam	Up to 4.6mm			30mm	FRR -/60/30
Up to 90mm diam	Up to 8.2mm			30mm	FRR -/60/30
Up to 110mm diam	Up to 10.0mm			30mm	FRR -/60/60
Up to 160mm diam	Up to 9.8mm			60mm	FRR -/60/45
PP, PP-MV, PP-H, PP-R and similar					
Up to 50mm diam	Up to 4.6mm	30mm	FRR -/60/30		
Up to 90mm diam	Up to 8.2mm			30mm	FRR -/60/30
Up to 110mm diam	Up to 10.0mm			30mm	FRR -/60/45
Up to 140mm diam	Up to 12.8mm			60mm	FRR -/60/45
Up to 160mm diam	Up to 14.6mm			60mm	FRR -/60/60



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FAS 190125 AS1530.4-2014 AS4072.1-2005

ETA 21/0070

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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: