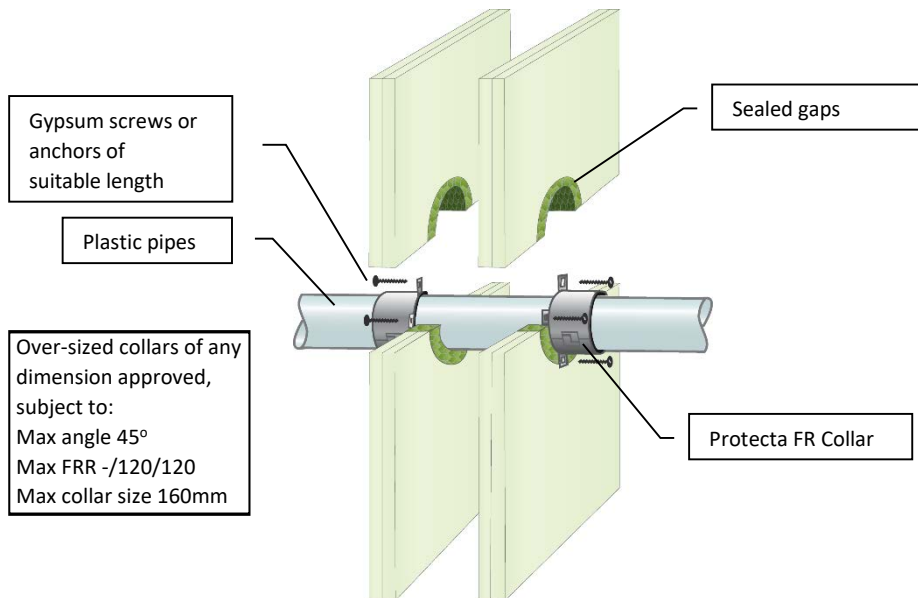


Installation Instructions

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

Protecta FR Collar

Plastic Pipe in 100mm Plasterboard Wall

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

System/FPA Register ID# FC144

Products	Protecta FR Collar Protecta FR Acrylic
Application	Fire stopping of plastic pipes in flexible walls.
Construction	Minimum wall thickness of 100mm* and comprise steel studs or timber studs lined on both faces with minimum 2 layers of 13 mm thick board.

Fire & Sound classification

Fire classifications in table on page 2.

*The wall thickness can be reduced (to allow for single layer wall systems) but the local thickness of the aperture must be built up to a minimum thickness of 100mm by installing additional layers of 13mm fire rated plasterboard around the opening (min 100mm x 100mm from edge of the aperture).

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

Sound reduction (seal only) STC 58

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

Signed and approved:

Polyseam Ltd, 15 St Andrews Road,
Huddersfield, West Yorkshire, HD1 6SB

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