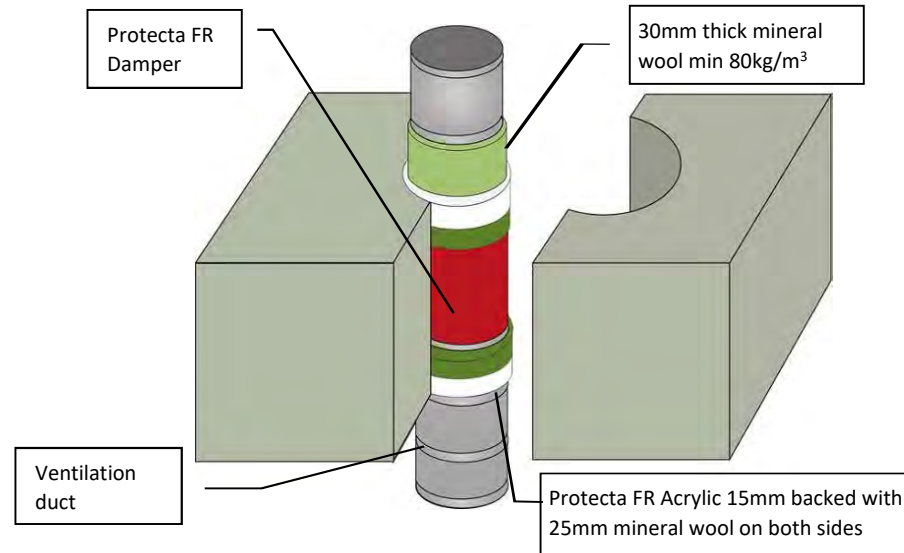


## Protecta FR Damper Concrete Floor (Core-drilled with gap 10-30mm)

### Installation Instructions

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Friction fit the FR Damper into the floor using mineral wool plugs for a tight fit if required.
3. Fill both sides of the gap with 15mm of Protecta FR Acrylic sealant backed with 25mm mineral wool (or simply fill with 75mm Protecta FR Acrylic).
4. Apply the sealant generously to prevent air bubbles. Finish with a moist spatula, pallet knife or brush. Protecta FR Acrylic can be painted with most emulsion or alkyd (gloss) paints.
5. If not already done, connect the ventilation ducts to the damper.
6. Insulate the ventilation duct above the fire seal on the top side with 30mm thick mineral wool to the length given in Fire & Sound Classification.



### For Core-drilled Floors

Gaps of less than 10mm between damper and floor, seal with Protecta FR Putty Cord to both faces.  
 Gaps of 10-30mm between damper and floor, seal with 15mm Protecta FR Acrylic sealant to both faces backed with 25mm stone wool (min 33kg/m<sup>3</sup>).

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](http://www.firestopcentre.co.nz)

Signed and approved:

System and FPA Register ID# FC515

<b>Products</b>	Protecta FR Damper Protecta FR Acrylic
<b>Application</b>	Fire stopping of ventilation ducts in rigid floors
<b>Construction</b>	Minimum floor thickness of 100mm* comprising aerated concrete or concrete with a minimum density of 650kg/m <sup>3</sup> .

### Fire & Sound Classification

**Up to 400mm diam** damper/duct with 150mm mineral wool on the top side FRR -/180/120

**Up to 1000mm diam** damper/duct with 500mm mineral wool on the top side FRR -/90/90

\*NOTE: FRR shown above are for 150mm floors. For 100mm floors FRR must match rating of the floor.

Sound reduction (seal only) STC 48



# Protecta®

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

Tel: +44 (0) 148 4421036

Email: [post.uk@polyseam.com](mailto:post.uk@polyseam.com)

Sheet size: <b>A4</b>	Drawn date & no: 27/7/17
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Scale: <b>NTS</b>	Drawn by: K.B
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