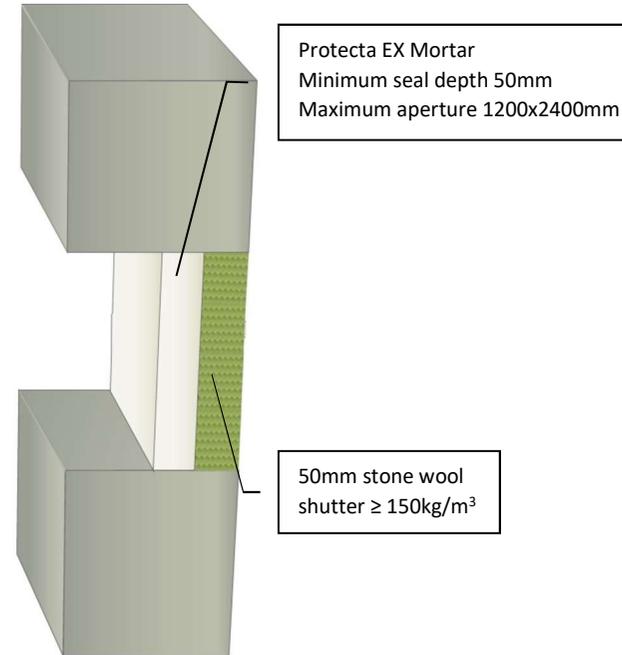


Installation Instructions

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. The seal can be positioned to either side of the construction or anywhere inbetween for 150mm.
3. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Protecta® FR Acrylic
4. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
5. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Products	Protecta EX Mortar Stone wool shutter
Application	Fire stopping of blanks in rigid walls
Construction	Minimum wall thickness of 100mm and comprise aerated concrete or concrete with a minimum density of 650kg/m ³ .

Fire & Sound classification	
Blank seal in 150mm wall EX Mortar 50mm backed with 50mm stone wool 150kg/m ³ anywhere in the aperture	FRR -180/120
Blank seal in 100mm wall EX Mortar 25mm each side of wall backed with 50mm stone wool 150kg/m ³ in the centre of the aperture	FRR -120/120
Sound reduction (seal only)	STC 64

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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:

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	Drawn by: K.B