Protecta EX Mortar FIRESTOP CENTRE INNOVATIVE FIRESTOP SOLUTIONS

warringtonfire

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 in between.
- 3. When installing Protecta® EX Mortar in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
- 4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
- 5. 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.
- 6. 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.

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ETA 21/0071 FAS 210027 AS1530.4-2014 AS4072.1-2005

INNOVATIVE FIRESTOP SOLUTION Authorised New Zealand Distributor Ph (09) 483 4000 www.firestopcentre.cc	IS	nm Cor	ncrete Floor or Wall	FAS 2 AS1530.4	10027 Pages 38 -2014 AS407	3, 101 2.1-2005	
ructions				System/F	PA Register I	D# FC337	
ces of the aperture opening are free of other contaminants. The faces may be r better adhesion. be positioned to either side of the or anywhere in between. ng Protecta® EX Mortar in hollow floor			Protecta EX Mortar Minimum seal depth 100mm Maximum aperture 1200x2400mm	Construction		cables and floors or walls or wall thickness comprise aerated crete with a	
s, level the fire seal with the soffit side.					Fire & Sound classification		
is sufficient thickness of concrete d for the depth of mortar. Where this		Cables ≤ Ø21mm	n, single	FRR -/180/90			
e, tubular voids should be filled with normally the same thickness as the loor slab. Alternatively, simply fire seal		Cables $\leq \emptyset 21$ mm in tied bundles $\leq \emptyset 100$ mm andPVC conduits $\leq \emptyset 16$ mmFRR -/180/180					
tter board to achieve the required nortar. Make sure that this achieves a l. ater into a suitable mixing vessel and	Cables (power, data, fibre optic) and PVC conduits		Cables ≤ Ø50mm, single or bundle FRR -/180/60 (NOTE: In 150mm floors and 150mm EX Mortar FRR increases to FRR -/240/90) Cables ≤ Ø80mm, single or bundle FRR -/120/60				
n mortar to obtain the required Aix well to avoid lumps. Always add the	אטאטא				ables/wires ≤ Ø1		
e water, do not reverse this mixing	Loadbearing Properties: NOTE following for H	lealth and S	Safety requirements -			,,	
ired consistency is achieved pour or or ortar onto the shutter board making	Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.			Sound reduction (seal only) STC 64			
flows into all corners and around	Minimum separations and limitations			-	())		
ply a firm pressure to the mortar to trapped air bubbles. Build up to the h. VOITINGTONFICE 5 210027 AS1530.4-2014 AS4072.1-2005	An aperture can include several services, and they may also be different. Services within the system Protecta® FR Board seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. Services should be a minimum of 25mm from seal edges. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area. The minimum permitted separation between adjacent apertures is 200mm.			Polyseam Ltd, 15 St Andrews Road, Huddersfield, West Yorkshire, HD1 6SB			
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y of on-going product development and testing, we reserve the right to modify, alter or change s without giving notice. All information contained in this document is given in good faith and is only. Any drawings provided are for illustrative nurnoses only. As Polyseam has no control over			Permitted Aperture Sizes Where standard aperture sizes of 1200mm by 2400mm are stated, the following additional sizes		Drawn date		

As a part of our policy of on-going product development and testing, we product specifications without giving notice. All information contained in this document is gi 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.

Where standard aperture size	Sheet siz	
2400mm are stated, the follo		
are automatically permitted:	A4	
1100mm x 2900mm	1000mm x 4000mm	Scale:
800mm x infinite length		NTS

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Drawn by: