

APPLICATION DATA SHEET



ENVIROGRAF®

AP006-08-2019

Product Number: 6

Fire Mortar

DESCRIPTION

Where many or few services pass through fire rated timber, plasterboard, concrete walls and brick, block or concrete floors, there are always problems of sealing around the services, whilst forming the shuttering etc., which is not only awkward and often in the most inaccessible places, resulting with water from the concrete pouring down onto the lower floor. Envirograf® has the simple answer, FM Fire Mortar - **asbestos free product**. Using Rockwool RW4 or RW6 - 50 mm Slabs pushed down from above to give a base and also acts as permanent shuttering or filling apertures in walls. The thickness is subject to the weight that the floor required, i.e. whether people are going to stand on the floor or whether material is stored on top of the floor. For 4 - 6 hours protection, 100 mm thick is required. For 4 hours protection, 25 mm to 100 mm thick is required. For walls, a maximum of 25 mm needs to be applied for 4 hours. For 3 hours - 12 mm thick, 2 hours - 6 mm thick and 1 hour - 3 mm thick. When applying to walls or ceilings, use a float or trowel.

FM Mortar can be applied to concrete or bison ceilings, brick, block or concrete walls.

MIXING

For the 25 kg bag, add 4 ¼ to 4 ¾ litres of water, and mix like plaster. For floors, pour into the floor opening. For walls, apply over a Rockwool Slab with a trowel or float. 25 kg bag will fill approx. 8600 cm³ or 2 bags will fill 0.83 m² to depth of 25 mm.

APPLICATION

Application into floor, for opening 600 mm x 900 mm, no wire mesh is required. Just fit Rockwool, fit Envirograf Protection around any services and fill over the Rockwool to the required depth, with the FM Fire Mortar. For larger openings, fit 50 mm RW4 or RW6 Slab where large areas over 1 metre wide, use Envirograf® Ref: SUP Support Bars (As Picture) under Rockwool. Fit 30 mm wire mesh over the Rockwool, cutting around services and wiring to the services. Fix wire mesh all around the perimeter of the hole, bend up the wall or floor and fit with Envirograf® FB/C Metal Battens to support the mesh.

Fit Envirograf® Fire Protection Wraps around pipes and electrical services, Intumescent Pads inside and Trunking Pillows for Cable Trays. Product 40 Fire Proof Sponge around ventilation trunking. Then mix FM Fire Mortar and pour into the opening to the required depth.