

# APPLICATION DATA SHEET



**ENVIROGRAF®**

AP005-11-2012

## Product Number: 5

### Intumescent Coated Non Fibrous Slabs

#### **DESCRIPTION**

Where large or small openings require fire stopping in areas where a non fibrous material should be used, i.e. Hospitals, computer rooms, sterile areas, etc., Envirograf Intumescent Non Fibrous Slab should be used. The Slabs are self supporting in horizontal holes up to 1500mm<sup>2</sup> and in vertical openings up to 700mm x 900mm, after which a chicken wire type mesh should be used. All Slabs are supplied with a Jointing Compound. In most cases only a sharp Knife, small trowel and putty knife is required.

#### **SIZES**

REF	THICKNESS	SIZE	PROTECTION
NF50/5	50mm	500mm x 1000mm	2 hours
NF50/7	50mm	750mm x 1000mm	2 hours
NF50/10	50mm	1000mm x 1000mm	2 hours

#### **INSTALLATION SUGGESTIONS**

Envirograf NF Slab is cut to suit the opening size and you cut around any services like a jigsaw, adhering each section or joint with the jointing compound.

Where services are PVC, i.e. Pipes and cables, Envirograf Wraps should be used, 50mm wraps for two hour fire protection and 100mm wide wraps for four hour protection. The wraps can also be fitted around steel, copper and aluminium pipes to stop the pipes overheating and passing the heat from one side to the other of the fire barrier.

When fitting NF Slabs in a floor opening and the mesh is being used to help supports the slabs, the wire mesh should be laid into the opening, bending up the sides and fixed with screws, raw-plugs and large washers, or split nailing with large washers. Then lay the slab on top of the mesh adhering all the sides with jointing compound and all cut joints. The whole barrier will dry hard in 10 minutes.

Where cable trays pass through the barrier so Envirograf Intumescent E1/20/30 should be fitted over cables.

#### **STORAGE**

Envirograf NF Slabs should be stored in clean dry conditions