Envirograf®
Protecting the irreplaceable

IS-4-11-21

PRODUCT INFORMATION

Innovators - Developers - Manufacturers

Passive Fire Prevention Products

INTUMESCENT COATED SLABS

PATENTED

Product 4

60mm Double-Sided 1200mm x 600mm 4 hours

Specially made, high density 60mm slab with density of 240 kg/m³ material mass



Head Office : Intumescent Systems Ltd, Envirograf House, Barfrestone, Dover, Kent, CT15 7JG, United Kingdom

Contact our Technical Team for more information: **sales@envirograf.com** or visit **www.envirograf.com**

ADVANTAGES

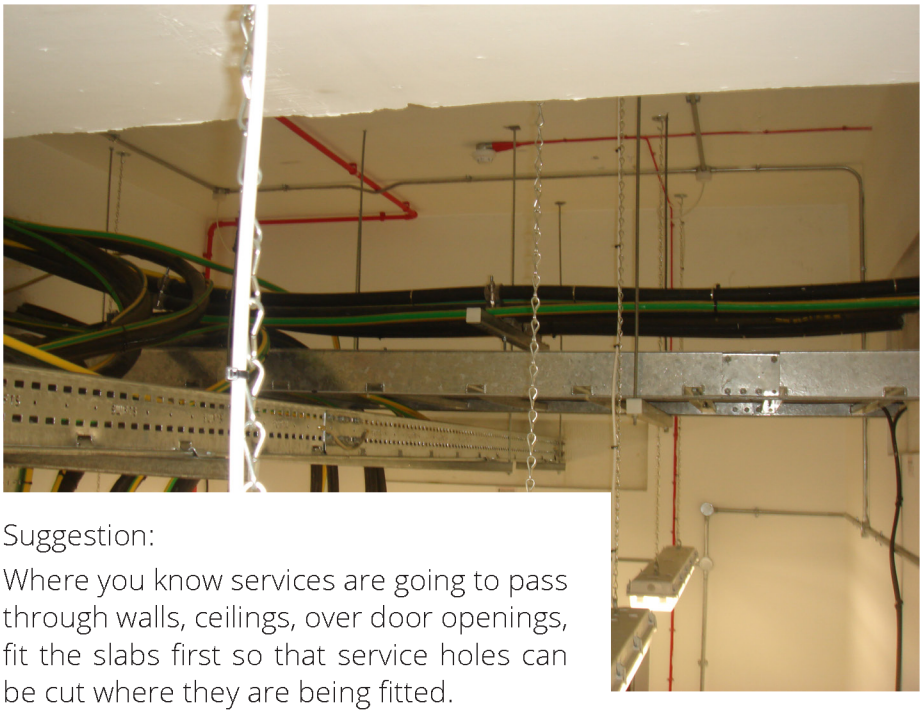
A high density 60mm specially developed 240 kg/m3 1200mm x 600mm. The slab when cut does not break apart.

The slabs are load bearing used in both vertically & horizontally. All slabs supplied with intumescent jointing compound.

- Due to its high density, it can be used for large openings in floors, walls and ceilings
- Offers effective acoustic protection by impeding sound transfer through the centre of the structure and across its surface
- Ideal for use under raised flooring as a firebreak, providing 1-4 hours fire protection
- Supplied with jointing compound for fixing slabs together.

High density 60mm slab with density of 240 kg/m³ material mass

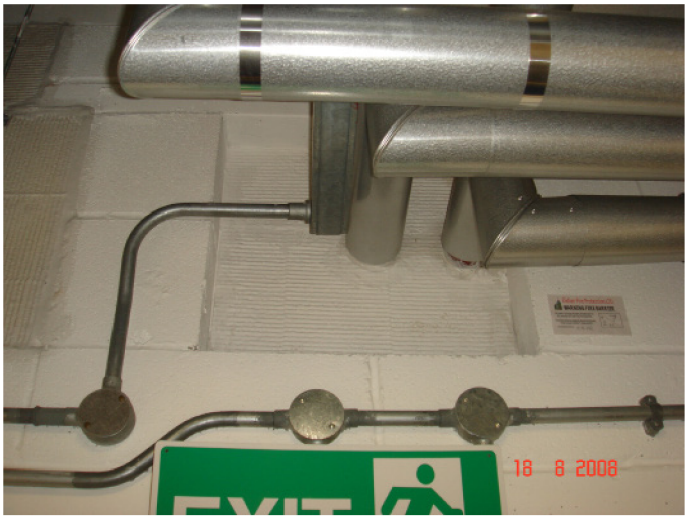
Protecting opening of over 2 meters high

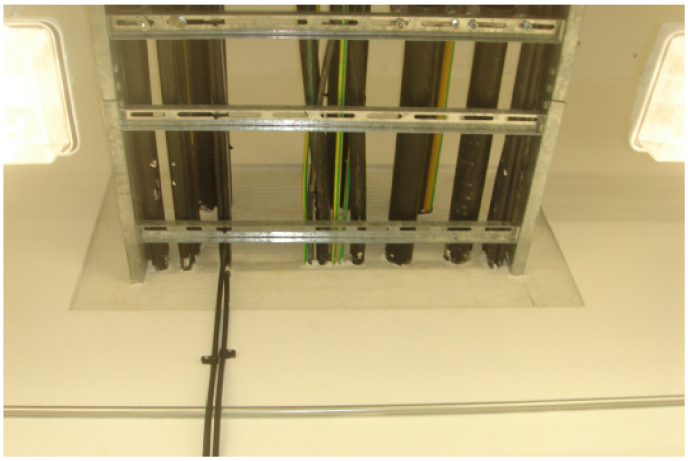


Suggestion:

Where you know services are going to pass through walls, ceilings, over door openings, fit the slabs first so that service holes can be cut where they are being fitted.









APPLICATION INSTRUCTIONS

Where the slab is in a wall situation, just cut the slab to fit the opening adhering with the adhesive supplied, ensuring that Envirograf product 110 are fitted round any PVC, copper or steel pipes, PVC cables and electrical trunking.

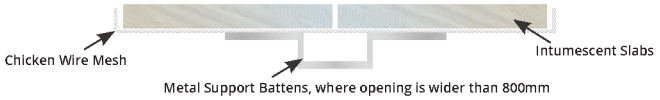
For steel/electrical trunking, fit Intumescent pads inside the trunking where passing through the slab product 30. For cable trays use Envirograf product 29 cable tray pillows or fire and thermal protection for cable baskets product 110.

For floor openings up to 1metre square, the Intumescent slab needs no support, but for hole sizes over this, we suggest fitting chicken wire first with our SUP metal supports, then the slab can be adhered on top of this.

Product 13 - WPCS can also be fitted into the slab where going through a wall or ceiling.

The IS60 slab is a very high density, ideally suitable for large openings as well as small or can even be made into complete walls such as shown on the back of the leaflet for London Underground Stations, especially where ladders need to be leaned up against the wall, the slabs can take this extra weight.

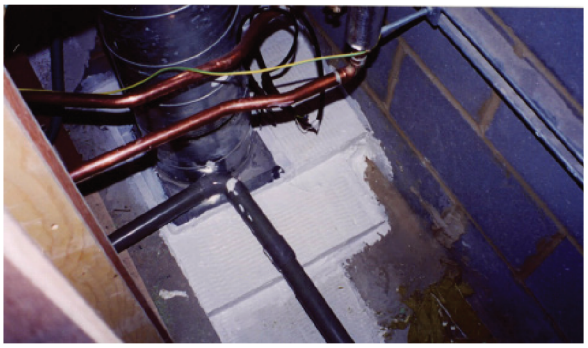
The coated slab is ideally fitted in the floor of riser cupboards, between floor to floor. As IS60 slabs are fire rated for 4 hours, can be used for many fire stopping requirements.





Intumescent Acrylic and Acoustic Mastic
(Product 58)













ORDERING REFERENCES

REF	*THICKNESS*	*COATING*	*SLAB SIZES*	*PROTECTION*
IS060	60mm	Double-Sided	1200mm x 600mm	4 hours

Supplied with jointing compound for fixing slabs together.

SUP Metal Support Batten for large floor openings (per metre)

TEST PERFORMANCE

Tested to BS 476 Part 22 and 22 (1982) / BS EN 1634-1 - 183 minutes
Tested to EN 1366-3 2009 and EN 13501-3 2007 and 2009 - 120 minutes

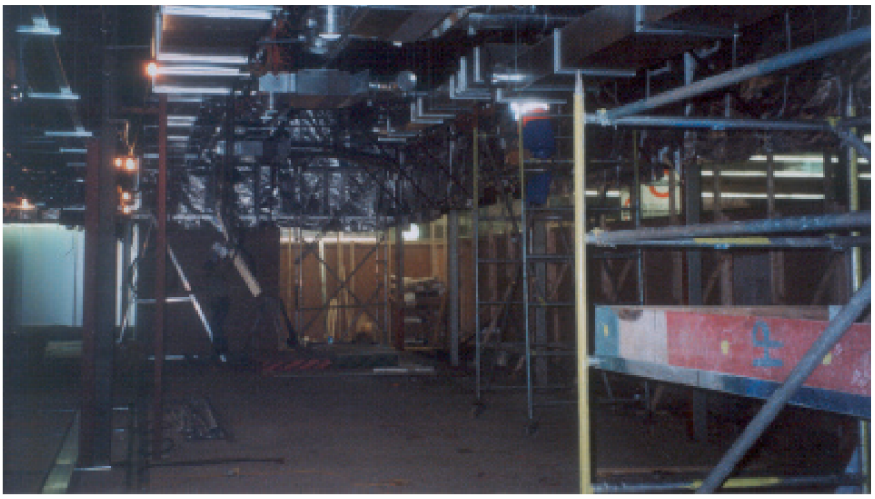
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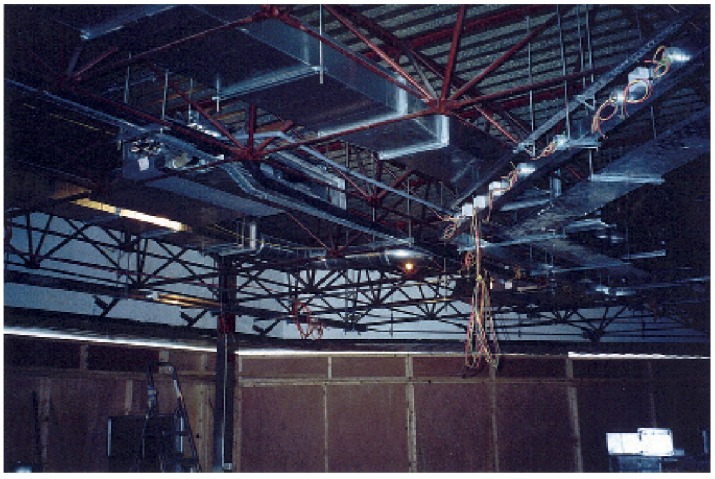
INTUMESCENT SLABS INSTALLED AT LONDON UNDERGROUND STATIONS:

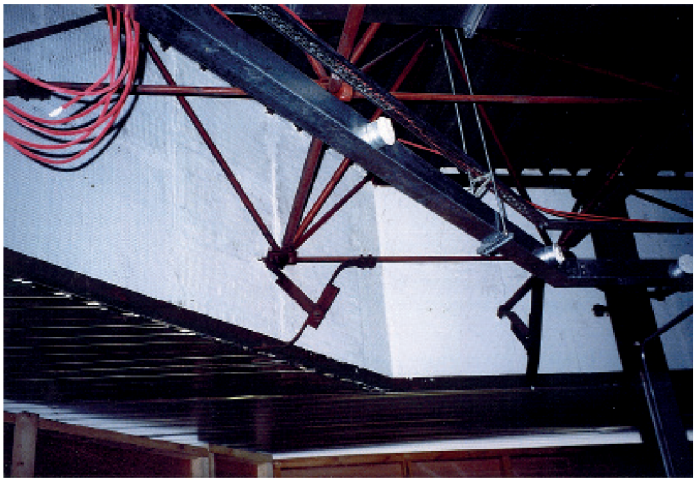
OXFORD STREET,

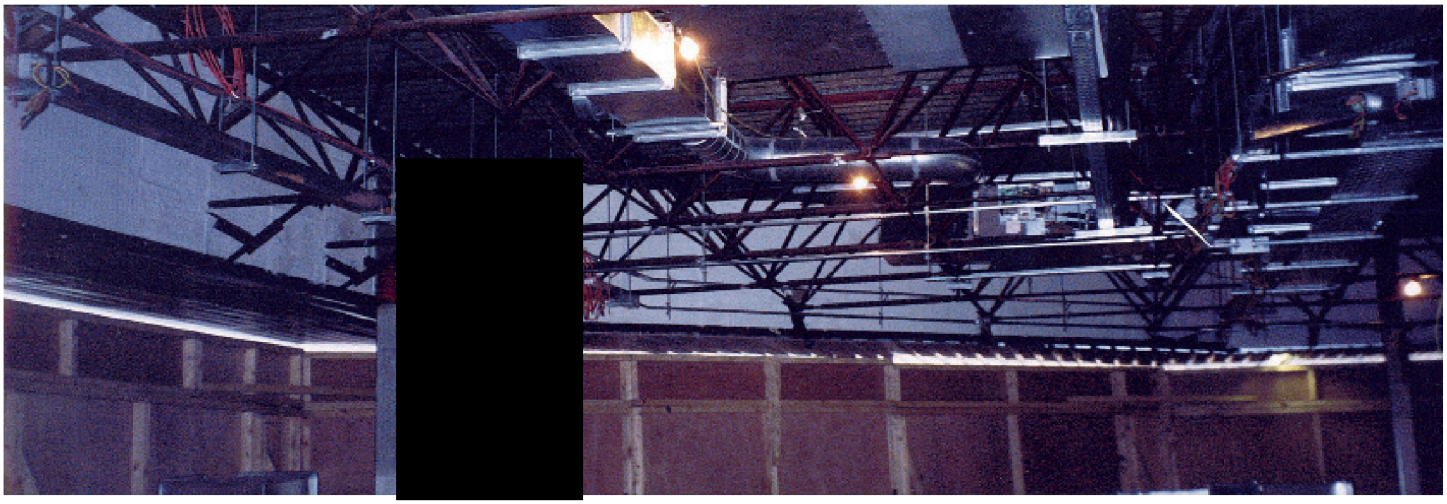
BOND STREET,

TOTTENHAM COURT ROAD









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