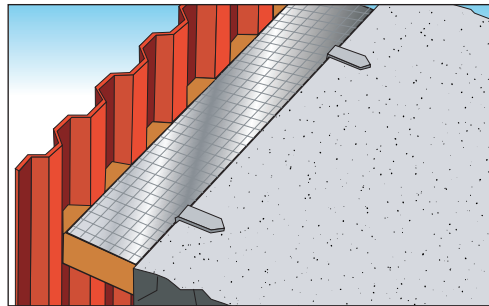




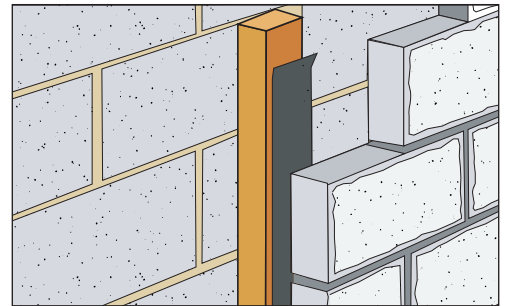
C450 - Cavity Firestops

PFC Corofil C450 Cavity Firestops provide firestopping between the edge of a floor slab and curtain walling/cladding system, or within a cavity wall construction. Tested to BS476 Part 20, PFC Corofil C450 Cavity Firestops give up to 2 hours' fire protection in cavities of up to 600mm wide fitted vertically and horizontally.

- Simple installation
- Smoke seal when used in conjunction with FASTight paint or foil facing
- Maintenance free
- Unaffected by humidity and moisture
- Good acoustic insulation



C450 Cavity Firestop with foil facing fitted between edge of floor slab and curtain walling with multi purpose brackets



C450 Cavity Firestop used in conjunction with a vertical DPC to form blockwork cavity barriers

Description

PFC Corofil C450 Cavity Firestops are manufactured from a high density, low phenolic binder content, rock fibre. C450 Cavity Firestops are supplied in one metre lengths to suit the size of the cavity to be filled. The depth of the product is dependent on the fire rating required. (See Fire Rating)

C450 Cavity Firestop thickness is supplied oversized for fitting under slight compression.

For cavities in excess of 100mm wide, C450 multi purpose brackets must be fitted to provide additional support. (See installation instructions)

Profiled cladding sheets must be fitted with C144 Firestop Blocks bonded into position with PFC Corofil slip adhesive, in conjunction with the C450 installation.

It is recommended that a cladding rail is positioned as close as possible to the cavity barrier to restrict movement/expansion of the cladding or curtain walling.

NSPlus

CI/SFB

(29) Kml (K2)

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Fire Rating

Cavity Size	Fire Integrity Rating	Fire Insulation Rating	Depth of Product
10 - 100	120 minutes	30 minutes	80mm
101 - 600	120 minutes	30 minutes	100mm

Acoustic Performance

PFC Corofil C450 Cavity Firestop has been acoustically assessed in a variety of constructions.

Please contact our sales office with the proposed details of use and required acoustic rating. Two number PFC Corofil C450 Cavity Firestops (220 wide x 75mm thick) compressed into a 210mm gap between edge of slab and a 46mm insulated wall cladding. The product must be coated with FASTight paint.

Assessed - Weighted Sound Reduction Index (Rw) of up to 48db.

Smoke Seal

PFC Corofil C450 Cavity Firestops can provide a smoke seal by either:

- Painting the exposed faces with FASTight paint
- Using foil encapsulated C450 Cavity Firestop and sealing joints with PFC Corofil Foil faced tape

Fibre Migration

Fibre migration can be prevented by the use of:

- FASTight paint
- Shrink wrapping cross sections up to 250mm thick x 150mm wide
- Foil facing

Specification

Install PFC Corofil C450 Cavity Firestops to provide up to 2 hours' fire rating in all vertical and horizontal cavities. Installation to be fully in accordance with manufacturer's instructions.

To Order

Contact our technical sales office (Tel: +44 (0) 208 391 0533) with the following details:

- Fire rating
- Cavity size
- Specify if you require the product to be foil faced, shrink wrapped or plain
- FASTight paint-quantity (litres) based on a coverage of 1litre/m²

Technical Information

For further information relating to the installation and Health & Safety please refer to C450 Cavity Firestop installation instructions.

