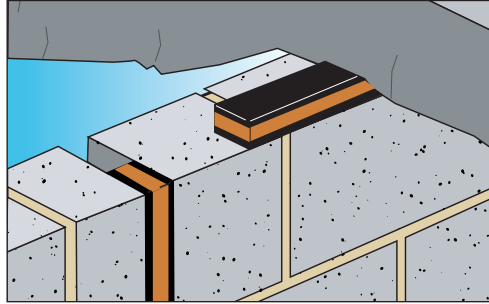




C500 – Cavity Firestop

PFC Corofil C500 Cavity Firestop provides an easy retro-fit solution to firestop existing construction joints up to 75mm thick in floors and walls. Tested to BS476 Part 20, PFC Corofil C500 provides up to 4 hours' fire protection.

- Simple to install
- Water resistant
- Maintenance free



C500 is used to seal pre-formed construction joints in fire walls

Description

C500 Cavity Firestop is a compressible strip formed by shrink wrapping a graphite based intumescent polymer to both faces of a mineral fibre core.

C500 Cavity Firestop is supplied in one metre lengths to suit the joint to be filled. The width of the product is dependent on the fire rating required. (See Fire Rating)

C500 Cavity Firestop is simply compressed by hand and is then pushed into the space. Adjacent pieces of the product are simply butted together. There is no need to use any adhesives or intumescent sealant in conjunction with the product.

In a fire, the graphite based intumescent material swells to form a hard char, which prevents the passage of fire and smoke through the joint.

Corofil C500 Cavity Firestop is suitable for use in:

- Blockwork cavities
- Curtain wall/Concrete slab interfaces
- Expansion joints
- Structural joints

NSPlus

Fire Rating

Joint Size (mm)	Size of Product thickness x width	Fire Rating (hours)	Single/Dual Seal
10 - 14	16 x 25	2	Single
	16 x 50	4	Single
15 - 30	32 x 25	2	Dual
	32 x 50	4	Dual
31 - 50	52 x 50	4	Dual
51 - 75	78 x 50	4	Dual

C500 Cavity Firestops being a component of structure satisfies both integrity and insulation requirements as shown in the table above.



Building Regulations 2000 - Approved Document B - B2/3/4 – Internal fire spread (structure), paragraphs 0.10 – 0.11, state that the spread of fire inside a building can be restricted, by provisions for elements of structure to have a specified minimum period of fire resistance. Fire resistance is defined in terms of both integrity and insulation requirements when applied to fire separating elements.

Fibre Migration

C500 Cavity Firestop is shrink wrapped to prevent mineral fibre migration.

Specification

Install PFC Corofil C500 Cavity Firestop to provide up to 4 hours' fire rating to all construction joints up to 75mm thick. 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
- Joint size
- Quantity (lin m)

Technical Information

For further information relating to the installation and Health & Safety, please refer to the C500 Cavity Firestop installation instructions.

