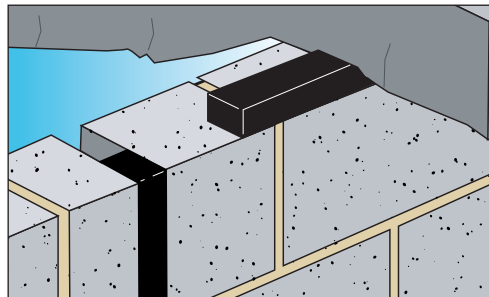




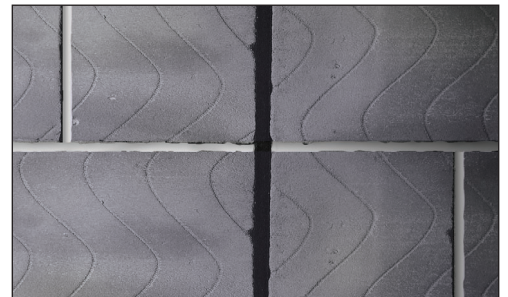
C500X - Intumescent Expansion Joint

PFC Corofil C500X is a compressible product to fill fire rated joints in compartment floors and walls. Tested to BS476 Part 20, Corofil C500X provides up to 4 hours' fire protection.

- Up to 4 hours' fire protection
- Simple to install
- Water resistant
- Maintenance free



PFC Corofil C500X compressed into blockwork joints



PFC Corofil C500X firestopping vertical expansion joint

Description

Corofil C500X Intumescent Expansion Joint is a highly compressible strip formed by laminating fire retardant foam to a graphite based intumescent polymer.

Corofil C500X Intumescent Expansion Joint is delivered to site in pre-formed sections. The section size depends on the joint size and the fire rating that needs to be achieved (See Fire Rating).

Corofil C500X Intumescent Expansion Joint is simply compressed by hand and is then pushed into the gap. 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 C500X Intumescent Expansion Joint is suitable for use in:

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

NSPlus

Fire Rating

Joint Size	Integrity	Insulation	Size of Product	Product Code
I - 10mm	240 mins	235 mins	14 x 12mm	C500X1
II - 25mm	120 mins	16 mins	29 x 12mm	C500X2
	240 mins	145 mins	29 x 25mm	C500X3
26 - 50mm	120 mins	23 mins	56 x 25mm	C500X4



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.

Acoustic Performance

Please consult our sales office with details of:

- Wall/floor construction
- Acoustic rating required

Specification

Install PFC Corofil C500X Intumescent Expansion Joint to provide up to 4 hours' fire rating. 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 C500X Intumescent Expansion Joint installation instructions.

