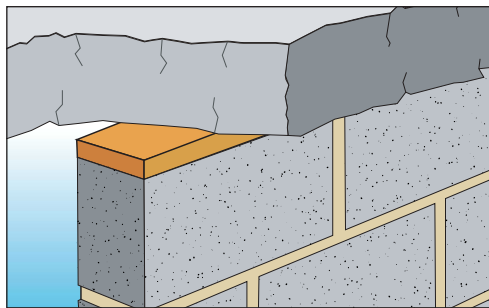


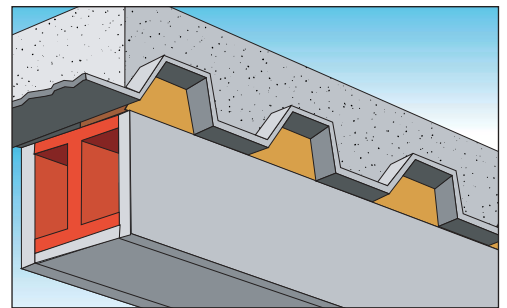
# C144 – Cavity Firestop Strip and Blocks

PFC Corofil C144 Cavity Firestops provide firestopping for vertical and horizontal construction joints and at the interface between compartment walls and soffits. Tested to BS476 Part 20, PFC Corofil C144 Firestops provide up to 6 hours' fire protection.

- Product supplied to suit joint size and profiled decking/sheeting
- Simple installation
- Smoke seal when used in conjunction with FASTight paint
- Available shrink wrapped to prevent fibre migration
- Good acoustic insulation when installed with a coating of FASTight paint
- Unaffected by humidity and moisture
- Maintenance free



C144 Firestop Strip is used for movement joint between wall head and soffit.



C144 Firestop Blocks are used to close corrugations in profile sheeting.

## Description

1. C144 Firestop Strip is used for firestopping joints which are reasonably uniform in size and may be subject to movement. C144 Firestop Strip is manufactured from a high density, low phenolic binder, rock fibre. C144 Firestop Strip is supplied in one metre lengths to suit the size of the joint to be filled. The width of the strip is dependent on the fire rating required. (See Fire Rating)

C144 Firestop Strip's thickness is slightly oversized compared to the joint size so that the Firestop Strip is installed under slight compression.

2. C144 Firestop Blocks are used to firestop profiles in roofing, cladding and floor decking. C144 Firestop Blocks are manufactured to fit the specific profile used and to suit the width of the wall, beam or period of fire protection required. (See Fire Rating)

## Fire Rating

Fire Rating	Minimum Widths
1 hour	75mm
2 hour	100mm
3 hour	150mm
4 hour	175mm
6 hour	200mm



**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.

C144 Cavity Firestop Strips and Firestop Blocks being a component of structure satisfies both integrity and insulation requirements as shown in the table above.

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### Acoustic Rating

PFC Corofil C144 Firestop Strip and Firestop Blocks have been acoustically assessed in a variety of applications – please consult sales office detailing the type of construction and required acoustic performance.

Two number C144 Firestop Strips 30mm thick by 60mm wide compressed into a 25mm joint in 140mm thick (2000 kg) block wall has been assessed to provide a Weighted Sound Reduction Index (Rw) of 46db, if coated both sides with FASTight paint.

### Smoke Seal

PFC Corofil C144 Firestop Strip and Blocks provide a smoke seal if external faces are coated with FASTight paint.

### Fibre Migration

Fibre migration is prevented by either:

- Shrink wrapping
- Painting the exposed faces of the product with FASTight paint

### Specification C144

Install PFC Corofil C144 Firestop Strip to provide 1,2,3,4 or 6 hour fire rated joints.

Install PFC Corofil C144 Firestop Blocks to provide 1,2,3,4 or 6 hour fire rating to seal all roof/wall and floor deck profiles. Installation to be fully in accordance with manufacturer's instructions.

### To order C144

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

#### C144 Firestop Strip

- Fire rating
- Joint size
- Quantity (lin m)

#### C144 Firestop Blocks

- Fire rating
- Profile sheet reference or exact profile dimensions
- Large / small profile to be filled
- Quantities of individual blocks or lin m run of corrugations
- Quantity of profiles which run in a parallel direction with the wall (lin m)

#### paint

- Quantity (litres) based on a coverage of 1litre/m<sup>2</sup>

Please specify if you would like the product to be shrink wrapped.

### Technical Information

For further information relating to the installation and Health & Safety please refer to C144 Firestop Strip installation instructions.