



C700 - Firestop and Acoustic Foam

PFC Corofil C700 Firestop and Acoustic Foam is suitable for filling gaps in fire rated block/brickwork walls and concrete floors. Tested to BS476 Part 20, C700 Foam has been shown to give up to 4 hours' fire protection.

- Simple to install
- Suitable in joints of up to 45mm wide
- Excellent adhesion
- Acoustic properties
- Insulation benefits
- Maintenance free



Description

PFC Corofil C700 Firestop and Acoustic Foam is one part, moisture curing polyurethane foam. The foam is supplied in 700ml cans and is available in either hand held or gun grade cans.

Joints should first be clean, dry and free from dust, grease or any other loose material. The surfaces should be lightly moistened to ensure good adhesion. The can must be shaken vigorously for approximately 30 seconds and then the nozzle screwed onto the valve. The can is then inverted and the trigger depressed to extrude the foam.

Fill the joint to approximately half its width allowing the foam to expand. With larger joints it may be necessary to allow one layer to cure before foaming another on top.

The foam is tack free in approximately 20 minutes and fully cured within 2 to 4 hours.

Do not cut back the face of the foam once it has cured, as this will seriously reduce the fire resisting characteristics.

PFC Corofil C700 Firestop and Acoustic Foam can be identified from other builders' foam by its pink colour in the cured state.

Fire ratings

Joint Size	Seal Depth	Joint Configuration	Fire Rating Integrity	Insulation
15mm	120mm	C700 only – wall	71	69
15mm	220mm	C700 only – wall	240	240
15mm	200mm	C700 only – floor	206	206
20mm	180mm	C700 only – wall	86	86
20mm	140mm	C700 only – floor	115	113
30mm	220mm	C700/C144 core* (60mm wide) wall	240	240
30mm	250mm	C700/C144 shutter* (100mm deep) floor	240	240
45mm	220mm	C700/C144 core* (100mm wide) floor	240	240
45mm	250mm	C700/C144 shutter* (100mm deep) floor	240	240

C700 Firestop and Acoustic Foam being a component of structure satisfies both the integrity and insulation requirements are shown in the table above.

*C144 Firestop Strip is manufactured from 110 kg/m³ density slab.



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

Weighted Sound Reduction Index (Rw) of up to 57db. Please consult our sales office with details of:

- Wall/Floor construction
- Required Acoustic rating

Coverage

1 x 700ml can will yield up to 30ltr of foam.

Specification

Install PFC Corofil C700 Firestop and Acoustic Foam, using appropriate backing materials, into all joints up to 45mm wide to provide up to 4 hours' fire protection. Installation to be fully in accordance with manufacturer's instructions.

To Order

Contact our technical sales office (Tel: 020 8391 0533 with the following details:

- Size of joint to be filled
- Fire rating required
- Quantity

Technical Information

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

