

PFC Corofil C470 Raised Floor Firestop

Installation Instructions

PFC Corofil C470 Raised Floor Firestop is used for preventing the spread of fire into adjoining compartments between the underside of raised access floors and concrete floor slabs to provide a fire rating of up to 2 hours.

If unsure about the suitability of the product, please consult our technical sales office tech@pfc-corofil.com for advice.

General

- Remove all loose debris and mortar from the cavity.
- Ensure the correct thickness and depth is installed to suit the void and required fire rating (see TDC470-1 for details).
- Where the void varies in size, the C470 barrier should be cut using a fine toothed saw ensuring the cut allows for 5mm compression.
- Where there is a requirement for a cold smoke seal or air plenum, the C470 barrier should be fully encapsulated in foil.
- Where the cavity requires an acoustic rating, the C470 barrier should be applied with Fastight Coating (factory spray applied or brush applied on site).
- All butt joints should be sealed with foil tape on foil encapsulated sections or Fastight Coating on coated sections.
- Sealant is not required as standard, but any gaps (up to 5mm) between the C470 barrier and the structure should be filled with PFC Corofil Acoustic Intumescent Sealant.

Installation for voids up to 100mm

- 1) Friction fit the C470 barrier into the void between the concrete floor and underside of raised access floor ensuring it is installed under compression.
- 2) Ensure that adjacent lengths have their joints tightly abutted together and are aligned flush with each other.

Installation for voids from 101mm to 600mm

- 1) Bend multipurpose brackets into an 'L' shape and mechanically fix to the concrete floor along the centre line of the barrier at 300mm and 600mm centres.
- 2) Push the C470 barrier onto the leg of the brackets so it is spiked into the centre of each length and friction fit into the void ensuring it is installed under compression.
- 3) Ensure that adjacent lengths have their joints tightly abutted together and are aligned flush with each other.

Health & Safety Instructions

Please refer to SDC470-1

Other Information

In presenting this technical advice we cannot claim to serve in any but an advisory capacity and can undertake no liability since actual conditions of use are beyond our control.

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