



PFC Corofil FF102/50 Open State Cavity Barrier

Application

PFC Corofil FF102/50 Open State Cavity Barrier is used to prevent the spread of fire for up to 120 minutes in horizontal and vertical cavities up to 50mm where a continuous air gap needs to be maintained.

General benefits:

- Suitable for cavity widths up to 50mm in accordance with the fire rating table overleaf.
- Intumescent material expands to fill a continuous air gap of up to 44mm wide
- Allows ventilation and moisture dissipation thus preventing damp problems
- Suitable for horizontal and vertical cavities in OSB faced timber stud applications.

Description

PFC Corofil FF102/50 Open State Cavity Barrier is a TENMAT rigid high expansion intumescent strip encased in aluminium foil. Supplied dimensions 6mm x 75mm x 1000mm

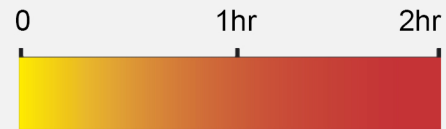
Specification

Mechanically fix PFC Corofil FF102/50 within horizontal and vertical cavities up to 50mm wide to allow a ventilation and drainage gap.

Installation to be fully in accordance with manufacturer's instructions (see MS10250).

FIRE RATINGS

Tested to the principles of
BS 476:Parts 20 & 22:1987
BS EN 1363-1:1999



Fire Rating





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Fire Rating

PFC Corofil FF102/50 has been tested with the following wall constructions and attained the following fire integrity ratings with a continuous air gap of 44mm wide.

Substrate	Outer Face	Cavity Size	Fire Rating	Fire Rating
			Integrity Horizontal	Integrity Vertical
Brick, Block, Masonry	Brick, Block, Masonry	50mm	120 mins	120 mins
Or				
Light weight aerated blocks	Lightweight aerated blocks			
OSB Faced Timber Stud	Brick, Block, Masonry or Lightweight aerated blocks	50mm	30 mins	60 mins
Concrete Blocks with Cement Board Facing Supporting Rockfibre slab density range 45-110kg/m3 Rated A1 to BSEN13501-1	Brick, Block, Masonry	135mm including a 50mm clear air gap from the face of the rock fibre to the back of the external leaf	90 mins	90 mins