



# PFC Corofil C500 Intumescent Expansion Joint



## Application

PFC Corofil C500 Intumescent Expansion Joint is designed to firestop construction joints up to 75mm wide in fire resisting masonry, concrete or blockwork walls and Concrete floors.

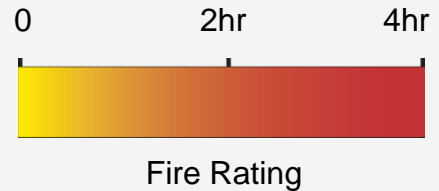
Tested in accordance with BS 476:Part 20, PFC Corofil C500 Intumescent Expansion Joint provides up to 4 hours fire protection

## Description

PFC Corofil C500 Intumescent Expansion Joint is a compressible strip formed by shrink wrapping a rock mineral fibre with a graphite based intumescent polymer to both faces . PFC Corofil C500 Intumescent Expansion Joint is supplied in one metre lengths to suit the joint to be filled to a maximum of 75mm. The depth of the product is dependent on the fire rating required (see fire rating table).

## FIRE RATINGS

Tested to BS476:Part 20



## TECHNICAL INFORMATION

Available from our technical sales office.

Email [tech@pfc-corofil.com](mailto:tech@pfc-corofil.com) for:

- Safety Data Sheet (SDC500)
- Installation Instructions (MSC500)





# PFC Corofil C500 Intumescent Expansion Joint

## Fire rating in masonry, concrete or blockwork walls

Joint Size	Width of Seal	Fire Rating Integrity (minutes)	Seal Type
10mm – 14mm	25mm	120	Single
15mm – 30mm	25mm	120	Double
10mm – 14mm	50mm	240	Single
15mm – 75mm	50mm	240	Double

Single seal should be installed flush with the face of the wall exposed to the fire side.  
 Double seal should be installed flush with both faces of the wall.

## Fire rating in concrete floors

Joint Size	Width of Seal	Fire Rating Integrity (minutes)	Seal Type
10mm – 14mm	25mm	120	Single
15mm – 30mm	25mm	120	Double
10mm – 14mm	50mm	240	Single
15mm – 75mm	50mm	240	Double

Single seal should be fitted flush with the underside of the floor slab  
 Double seal should be fitted flush with the underside and flush with the top surface of  
 The floor slab

PFC Corofil C500 must be fitted under compression.

## TECHNICAL INFORMATION



Certificate number: FS453/08



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Please order from our technical sales office.

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