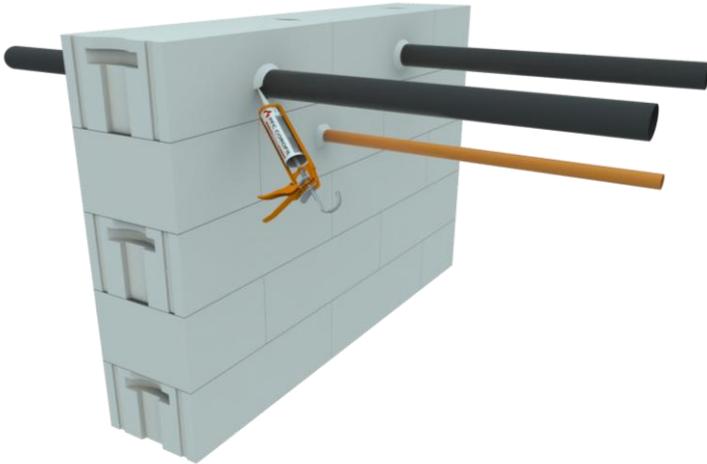


# PFC Corofil Acoustic Intumescent Sealant



## Application

PFC Corofil Acoustic Intumescent Sealant is designed to be used to seal linear gaps in horizontal and vertical constructions, and to seal small gaps around metal based service penetrations through fire resisting constructions.

## General Benefits

- Suitable for linear joints up to 50mm
- Expected shelf life 18 months

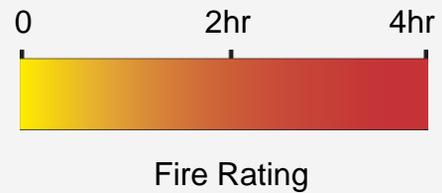
## Description

PFC Corofil Acoustic Intumescent Sealant is a one part water based acrylic intumescent.

Where a backing material is required C144 strip should be used to the correct size for the gap to be filled (see TD144S & MSC144 for details).

## FIRE RATINGS

Tested to  
EN1366-3 & EN1366-4



## TECHNICAL INFORMATION

Available from our technical sales office.

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

- Safety Data Sheet (SDAISE)
- Installation Instructions (MSAISE)
- Product Certification



# PFC Corofil Acoustic Intumescent Sealant

## Size & Colours

The sealant is available in 310ml cartridges & 600ml foils in white and grey.

## Fire Rating Tables

### Linear joints in a masonry or concrete wall

Depth of seal (mm)	Backing material	Maximum integrity/insulation relative to the gap width (mm)		
		15	30	50
15	Yes	240/240	240/180	120/120
30	Yes	240/240	240/180	120/120

Sealant is required on both faces of the wall to achieve the insulation rating

### Linear joints in a concrete floor slab

Depth of seal (mm)	Backing material	Maximum integrity/insulation relative to the gap width (mm)		
		15	30	50
15	Yes	240/120	240/60	120/60
30	Yes	240/240	240/180	120/120

### Linear joints in a wall with timber (minimum density 650kg/m<sup>3</sup>) forming one long face and masonry or concrete forming the other faces.

Depth of seal (mm)	Backing material	Maximum integrity/insulation relative to the gap width (mm)		
		15	25	50
15	Yes	60/60	30/30	N/A
25	Yes	60/60	60/60	60/60

### Linear joints in a wall with timber (density <650kg/m<sup>3</sup>) forming one long face and masonry or concrete forming the other faces.

Depth of seal (mm)	Backing material	Maximum integrity/insulation relative to the gap width (mm)		
		15	25	50
15	Yes	30/30	30/30	N/A



IFC Certificate Number FS453/05

# PFC Corofil Acoustic Intumescent Sealant

Linear joints in a wall with steel forming one long face and masonry or concrete forming the other faces.

Depth of seal (mm)	Backing material	Maximum integrity/insulation relative to the gap width (mm)		
		15	25	50
12	Yes	240/30	120/30	N/A
30	Yes	240/60	120/60	90/60

Single steel pipe or single cable in plasterboard partition and masonry or concrete walls and floors

#Depth of seal (mm)	Maximum diameter/penetration type	Backing material	Maximum integrity/insulation relative to the gap width (mm)	
			15	10
10-25	<60mm steel pipe	Yes	240/30	N/A
10-25	<15mm cable	Yes	N/A	240/30

Maximum rating in plasterboard partition is 120 minutes, or less, depending on the construction used. Plasterboard partitions must be of a type that will provide an integrity and insulation performance equal to or greater than PFC Corofil Acoustic Intumescent Sealant and any required backing material.

# Sealant must be applied to both faces of the construction. Minimum 10mm depth must be applied to achieve 30 minutes integrity. The depth of sealant must be increased to 25mm for greater fire ratings.

Please order from our technical sales office.

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