



Product Technical Data Sheet:

TDSCFTC

PFC Corofil Fastight Coating

ETA: 20/1155

3rd Party Certification ULEU-01159-CPR



**LINEAR
GAP SEALS**



Technical Description of Product



PFC Corofil Fastight Coating (CFTC) is an acrylic based liquid sealant, painted, trowelled or sprayed onto the outer face of PFC Corofil Linear Gap strips (CLGS) or PFC Corofil Linear Gap Blocks (CLGB).

PFC Corofil Fastight Coating is supplied in liquid form and is available in 5 litre and 20 litre tubs.

PFC Corofil Fastight Coating is applied 1mm thick to the CLGS/CLGB.

Intended Use

PFC Corofil Fastight Coating (CFTC) is intended to provide a decorative finish to the visible face of the PFC Corofil Linear Gap Strip (CLGS) or PFC Corofil Linear Gap Block (CLGB), whilst also improving the acoustic, cold smoke, and air sealing performance of the mineral fibre.

This data sheet shows the only applications the product has been tested in. Please ensure the product has been tested in and is suitable for your application (see PFC Corofil terms and conditions 13.1.1).

Key Points

- Suitable for linear joints widths up to 200mm
- Maximum movement capability $\leq 25\%$

Specification

Product Description	Liquid coating to be applied to the face of PFC Corofil Linear Gap Strips (CLGS) and PFC Corofil Linear Gap Blocks (CLGB)	
Use Category	Type Z ₁ : Intended for use in internal conditions with humidity equal to or higher than 85% RH excluding temperatures below 0°C, without exposure to rain or UV.	
Cure Rate	0.5mm per day at 50% relative humidity at 23°C	
Coating Thickness	2.5mm nominal. Wet film thickness	
Coverage	2.24L/m ²	
Fire Resistance	Tested for use with PFC Corofil Linear Gap Strips (CLGS) and PFC Corofil Linear Gap Blocks (CLGB)	EN1366-4
Acoustic Performance	R _w (C;Ctr)= 33(0;-2)	
Colour / Appearance	White or grey liquid supplied in 5 litre or 20 litre resealable tubs	
Shelf Life	18 months wet liquid. Tub must be resealed after use.	

Specification

Fastight Air Permeability according to BS EN 1314-1				
Pressure (Pa)	Results under positive chamber pressure		Results under negative chamber pressure	
	Leakage (m ³ /h)	Leakage (m ³ /m ² /h)	Leakage (m ³ /h)	Leakage (m ³ /m ² /h)
50	0.1	0.1	1.0	1.4
100	0.3	0.4	1.1	1.5
150	0.6	0.8	1.5	2.1
200	0.8	1.1	0.9	1.3
250	1.1	1.5	1.3	1.8
300	1.2	1.7	1.7	2.4
450	2.4	3.3	3.5	4.9
600	4.5	6.3	5.3	7.4

Installation Instructions



- Ensure that the aperture in question is tested for use with PFC Corofil Fastight Coating and the site conditions are within the application specification.
- All apertures need to be clean and clear of all dust and loose particles.
- The aperture temperature needs to be at 5°C or above at time of installation.
- Install PFC Corofil Linear Gap Strips (CLGS) or PFC Corofil Linear Gap Blocks (CLGB) as the installation instructions in the relevant Technical Data Sheets (TDSCLGS or TDSCLGB).
- Brush or trowel over the stone wool with PFC Corofil Fastight Coating. Ensure PFC Corofil Fastight Coating is applied to a minimum DFT (dry film thickness) of 1mm which will require minimum 2.5mm WFT (wet film thickness) with a minimum 20mm overlap to all surrounding substrates.

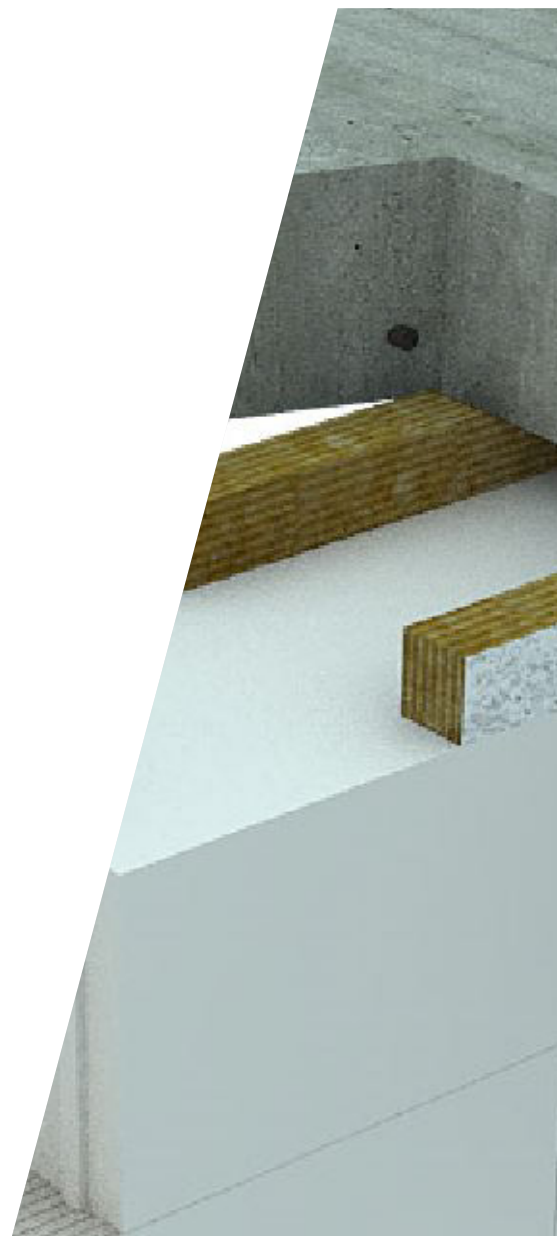
Substrates

- Masonry; Minimum 100mm thick and comprise of concrete, aerated concrete or masonry, with a minimum density of 650kg/m³.

Terminology

Integrity: The length of time it takes for the fire to pass to the non fire side.

Insulation: The length of time it takes for the heat of the fire to pass to the non fire side.



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