



Product Technical Data Sheet:

TDSCIPP

**PFC Corofil Intumescent
Putty Pad CIPP**

ETA Number: 21/0850



**SERVICE
PENETRATIONS**



Technical Description of Product



PFC Corofil Intumescent Putty Pad is a flexible intumescent pad used to reinstate the fire resistance performance of flexible and rigid wall constructions where they have been provided with apertures for the penetration of electrical cables into electrical back boxes.

The PFC Corofil Intumescent Putty Pad is supplied pre-cut to size with a peel off strip to both faces to prevent it from bonding materials other than for the desired application. The putty pad is installed by removing the peel off strips and wrapping the pad around the back box where it penetrates the face of the wall and covering the back face of the box.

Intended Use

The intended use of PFC Corofil Intumescent Putty Pad is to reinstate the fire resistance performance of flexible and rigid wall constructions where they have been provided with apertures for the penetration of electrical cables into electrical back boxes.

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

- Conditioned to Type Z₂; Intended for use in internal conditions with humidity lower than 85% RH excluding temperatures below 0°C, without exposure to rain or UV.
- PFC Corofil Intumescent Putty Pads have an assumed working life of 50 years, provided that the conditions laid down in this product data sheet for the packaging/transport/storage/installation/use/repair are met. The indications of a working life can not be assumed as a guarantee given by PFC Corofil, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

Technical Data



Specification

Fire Resistance Flexible & Rigid Walls	Minimum 100mm wall construction EI 60 Minimum 120mm wall construction EI 120	EN1366-3:2009
Airborne Sound Insulation	RW (C;Ctr) = 67 (-2;-7) db	
Colour/Appearance	Red flexible cross shaped pad	
Dimensions		
Single	170mm x 170mm x 4mm	
Double	230mm x 170mm x 4mm	
Durability	Type Z ₂	
Storage	Store in dry conditions unopened	

Installation Instructions



- Ensure the wall type, aperture and services in question have been tested with the PFC Corofil Intumescent Putty Pad and the site conditions are within the application specification.
- All services and electrical back boxes should be clean and free of dust and loose particles.
- The surface temperature must be at 5°C or above at the time of installation.
- Fold the Putty Pad to the shape of the box, pressing the edges together.
- Press the Putty pad firmly into the electrical back box.
- Make a small hole in the putty pad to pull the cables through. Seal firmly around the cables once they have been pulled through.
- Work in and around the corners to ensure the Putty Pad completely covers the whole area of the electrical back box.
- Insert the box into the partition and trim back any protruding Putty Pad so that it finishes flush with the outer face of the partition.
- After installation check that the area of the Putty Pad around the cables is fully sealed.
- Install all face plates as per the manufacturers instructions.

Installation Instructions



Substrates

- Flexible walls: The wall must have a minimum thickness of 100mm and comprise a minimum 2 layers of 12.5mm 'Type F' gypsum board on both faces with a minimum 50mm steel stud.
 - Rigid walls: The wall must have a minimum thickness of 100mm and comprise concrete, aerated concrete or masonry with a minimum density of 650kg/m³.
 - Please see tables on page 6 for the application for wall type.
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The supporting construction must be classified in accordance with EN13501-2 for the required fire resistance period.

Terminology

Fire resistance classes:

- E = Integrity. The length of time it takes for the fire to pass to the non fire side.
- I = Insulation. The length of time it takes for the heat of the fire to pass to the non fire side.

Performance Data

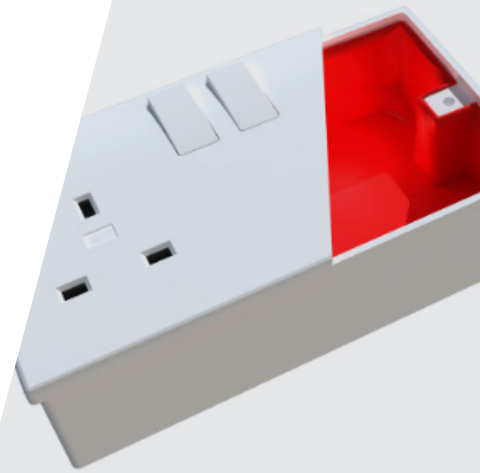


Walls minimum thickness 100mm

Flexible & Rigid Wall Constructions with a minimum wall thickness of 100mm.						
Socket Box	Position of Putty Pad to electrical Back Box		Services	Position in wall	Maximum aperture	Fire resistance performance
	Exposed Face	Unexposed face				
Maximum back box size up to 130mm wide x 70mm high x 47mm deep. Each with up to 22mm diameter hole cut to accept cables	Inside	Inside	Cables up to 14mm diameter	Back to Back	135mm wide x 75mm high	EI 60

Flexible or rigid walls minimum thickness 120mm

Flexible & Rigid Wall Constructions with a minimum wall thickness of 120mm.						
Socket Box	Position of Putty Pad to electrical Back Box		Services	Position in wall	Maximum aperture	Fire resistance performance
	Exposed Face	Unexposed face				
Maximum back box size up to 130mm wide x 70mm high x 47mm deep. Each with up to 25mm wide x 14mm high knockout section, centrally located at the bottom back angle to accept cables	Inside	Inside	Cables up to 14mm diameter	Back to Back - 1 fitted to each face or separated	135mm wide x 72mm high	EI 120
			2.5mm twin and earth cables			



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