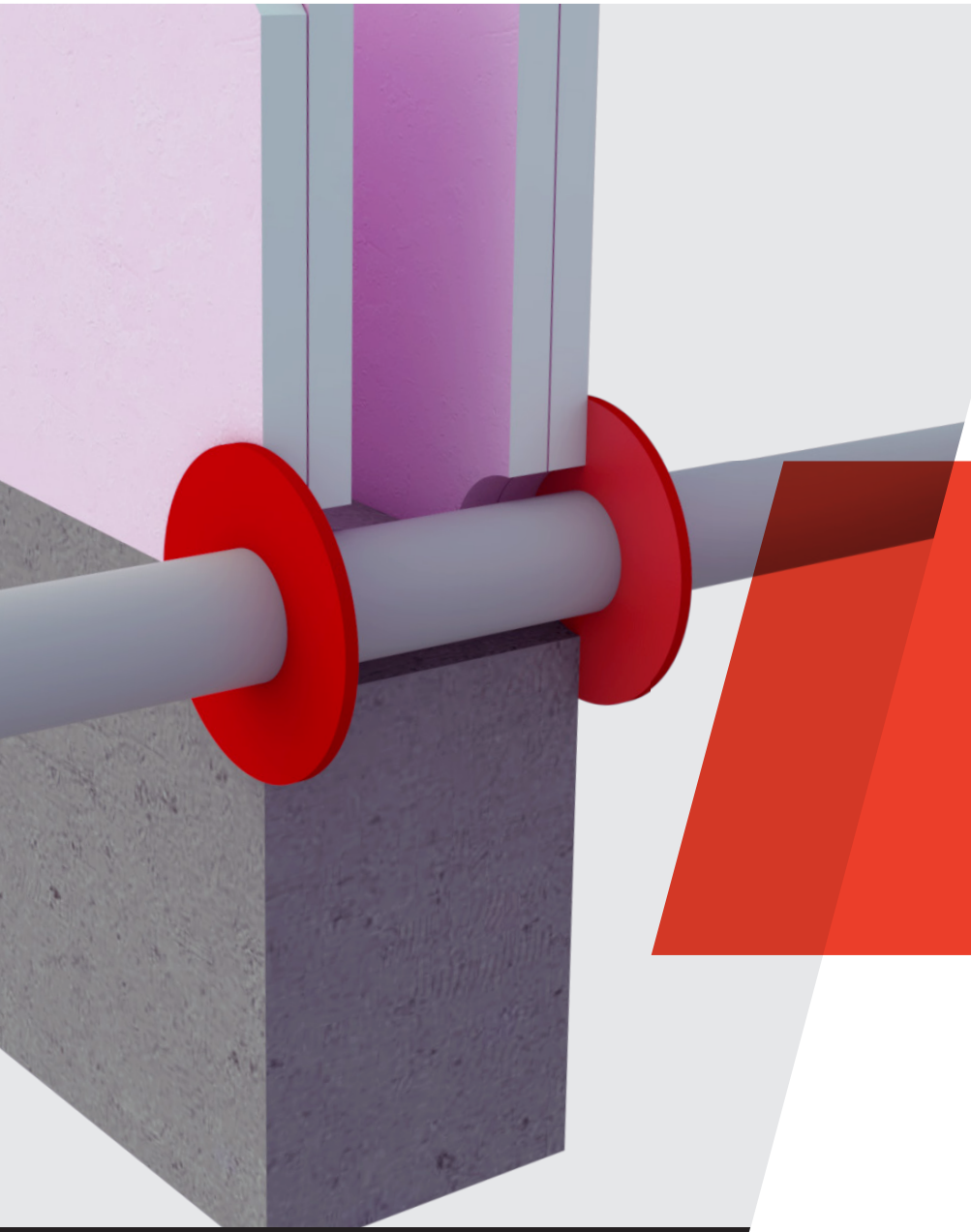
PFC COROFIL
PASSIVE FIRE PROTECTION SOLUTIONS



Product Technical Data Sheet:

TDSCCPH

PFC Corofil Cable Patch CCPH

ETA Number: 20/0660

SERVICE PENETRATIONS

NBS

ASFP

Revision 1.1 – 19/10/2023

Technical Description of Product

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PFC Corofil Cable Patch is an intumescent putty used to form penetration seals where small cables, pipes or conduits penetrate walls.

The PFC Corofil Cable Patch is available as a disc 100mm diameter for maximum 50mm x 50mm apertures. The discs are supplied pre cut with a peel off protective backing. The cable patch is installed by removing the backing and applying the patch around the service where it penetrates the face of the wall.

Intended Use

PFC Corofil Cable Patch is used to reinstate the fire resistance performance of flexible or rigid walls where they have been penetrated by small cables, pipes, or conduits.

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

- Available 100mm diameter for maximum 50mm x 50mm apertures.
- Conditioned to type Y1: Intended for use below 0°C with exposure to UV, but no exposure to rain. Tested in accordance with EOTA TR024. EAD 350454-00-1104 Firestopping and fire sealing products, penetration seals.
- PFC Corofil Cable Patch has an assumed working life of 25 years provided that the conditions laid down in this data sheet regarding packaging, transport, storage, installation, use and repair are met. The indications of a working life cannot be interpreted 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. The durability assessment does not take account of the possible effect of substances permeating through the pipe on to the penetration seal.

Technical Data

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Specification

Description	Result	Test Standard
Fire Resistance Performance	Up to E120 depending on application	EN1366-3
Airborne Sound	RW (C:Ctr) =67 (-1:-6) db.	EN10140-1,2,4,5/EN ISO 717-1
Classification Resistance To Fire		EN13501-2
Colour/Appearance	Intumescent Putty Disc/Red	

Installation Instructions

- Ensure the services to be sealed and the substrates they are installed within, have been tested for use with PFC Corofil Cable Patch.
- Ensure the surface the PFC Corofil Cable Patch is to be applied to is clean and free from dust and loose particles which may affect the adhesion of the patch.
- The aperture temperature needs to 5°C or above at the time of installation.
- Peel off the protective backing and apply the cable patch around the service, ensuring the logo is face up and the slit is facing down, push firmly into place against the substrate, making sure to press the cable patch tightly around the service.

Installation Instructions

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Substrates

- Flexible walls: Minimum 100mm thick, comprising of metal or timber studs lined on both sides with 2 layers of 12.5mm 'type F' gypsum plasterboards according to EN520. In timber stud walls, no part of the penetration shall be closer than 100mm to the timber stud, the cavity must be closed between the penetration seal and the stud and minimum 100mm of either class A1 or A2 insulation according to EN13501-1 shall be provided within the cavity between the penetration seal and the stud.
- Rigid walls: Minimum 100mm thick and comprised of concrete, aerated concrete or masonry, with a minimum density of 650kg/m^3.

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.

Test Condition:

U/U = Uncapped in the furnace/Uncapped outside the furnace.
U/C = Uncapped in the furnace/Capped outside the furnace.
C/U = Capped inside the furnace/Uncapped outside the furnace.
C/C = Capped inside the furnace/Capped outside the furnace.

Performance Data

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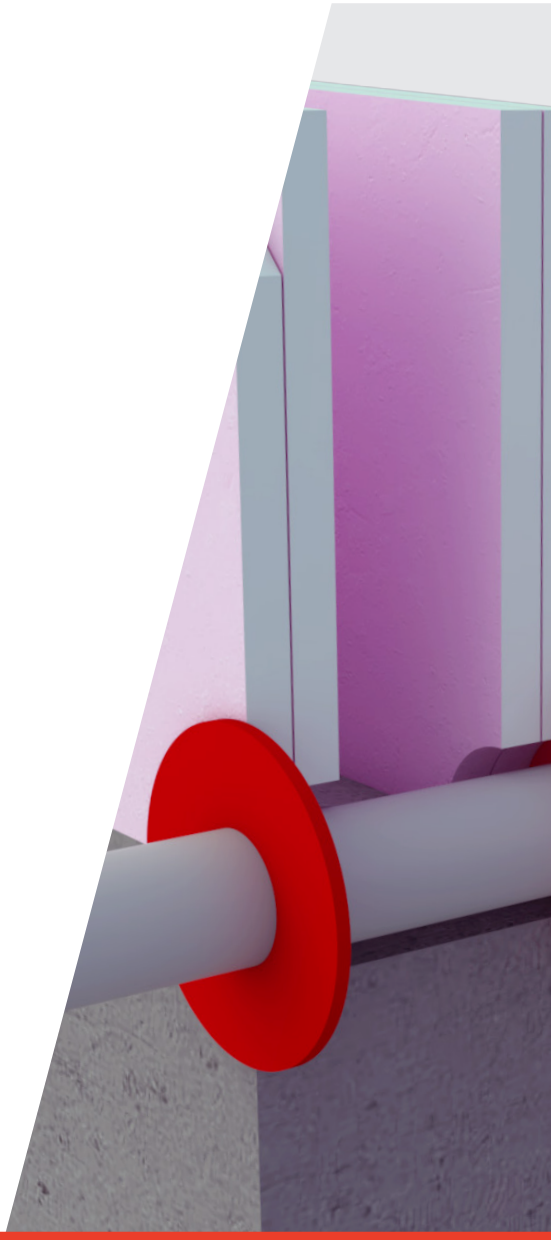
Walls minimum thickness 100mm
Flexible and Rigid Wall

Flexible or rigid walls minimum 100mm thick – cables, conduits, pipes.				
Services	**PFC Corofil Cable Patch (installed to both faces)**	**Aperture**	**Minimum separation between penetration seals**	**Classification**
Blank Seal	100mm	50mm wide x 50mm high	10mm	EI60
Electric cables up to 21mm ø				E60 EI45
Single steel pipes up to 16mm ø				E60 U/U EI15 U/U
Single PVC pipes up to 16mm ø				E60 C/C EI30 C/C
Single ‘E type’ cable				EI45



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