

CI/SfB	(29)	(K2)
CAW P10		
Uniclass JP10:L68114		

Product Information

Description

FI025 Intuflex is a fire insulation upgrade material, primarily made from rock mineral fibre, with an outer layer of foil to provide a class O surface spread of flame around a class A1 core. The foil facing in conjunction with aluminium foil finishing tape, leaves an aesthetically pleasing finish with zero fibre migration.

Usage / Purpose

FI025 is designed to upgrade the insulation rating of uninsulated penetrated services (where required) which have been sealed using a Nullifire product. The application of FI025 around most services increases the "I" rating to that required by the compartment line. FI025 has been tested around copper and steel pipes up to 160 mm diameter, cable trays, ladders and baskets, individual cables and cable bundles up to 100 mm diameter.

Available Sizes

25 mm x 200 mm x 10 m

Packaging

Supplied in individual boxes.

Availability

Direct from Tremco CPG UK Limited (see details on this TDS).

Usage Guidelines

Always read SDS, pre-application guidance and relevant application detail prior to application. Ensure the latest documents are downloaded prior to every project commencement.

Preparation

- All surfaces must be clean and sound, free from dirt, grease and other contamination.
- Ensure all services passing through the compartment penetration are suitable for use with FI025 and have been installed to the satisfaction of all relevant parties prior to application.
- Ascertain service type and confirm its performance in relation to EI requirement of the compartment; ensure FI025 is suitable to both service & compartment requirements.

Installation

- Measure around service.
- Unroll product to the measured length plus 50 mm. Cut using a suitable tool.
- Apply around the services ensuring a tight abutment to the primary seal. Locate the overlap to the centre of the upper face.
- Seal 200 mm joint using minimum 30 micron aluminium foil tape.
- Cut 0.9 gauge lacing wire to the correct circumference plus 100 mm.
- Apply 0.9 gauge lacing wire around the service to the centre line of FI025 (± 50 mm). Wrap around and twist the two ends together to the underside of the service, lightly compressing FI025.
- Trim lacing wire ends to ensure no sharp edges are left.
- Any gaps between the primary fire seal and FI025 should be sealed using FS702 Intumastic.
- If zero fibre migration is needed, an FS702 seal is required to the primary seal and a fully taped seal using aluminium foil tape will be required to the exposed end.

Important Information

- FI025 increases the insulation performance of the penetrating service, and not of the primary seal.
- Please ensure that the primary seal fire performance meets the capability requirements of the compartment or the strategy.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on +44 (0)1322 551010.

Nullifire
Smart Protection

FI025

Intuflex Insulation Wrap

up to
240
mins



Key Benefits Summary

- Reinstates the insulation requirements of the compartment when applied around uninsulated service penetrations
- Tested to EN 1366-3 with copper pipes, steel pipes, cable trays/ladders/baskets, individual cables and cable bundles
- Easy & fast installation
- Lightweight
- Does not de-rate electrical cables



F1025

Intuflex Insulation Wrap

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Performance Data

Primary Seal	Installation	Service	Amount of Layers	Amount of Rows	Classification
Performance examples of FLOOR SEALS using F1025 Intuflex in Rigid Floors 150 mm thick (min.)					
FR230 Intucompound	Top Side	Cables	1	1	EI240
FR230 Intucompound	Top Side	Cable Ladder	1	1	EI240
FR230 Intucompound	Top Side	Cable Tray	1	1	EI240
FB750 Intubatt	Top Side	Copper Pipe ø40 mm	1	1	E240 EI60
FB750 Intubatt	Top Side	Steel Pipe ø40 mm	1	1	E240 EI120
FR230 Intucompound	Top Side	Steel Pipe ø55 mm	1	1	EI240
FR230 Intucompound	Top Side	Steel Pipe ø150 mm	2	2.5	E240 EI60
FR230 Intucompound	Top Side	Steel Pipe ø170 mm	2	2.5	E240 EI90
Performance examples of WALL SEALS using F1025 Intuflex in Flexible Walls 100 mm thick (min.)					
FS702 Intumastic	Both Sides	Cable Bundle ø100 mm	1	1	EI120
FS702 Intumastic	Both Sides	Cables	1	1	EI120
FS702 Intumastic	Both Sides	Cable Tray	1	1	EI120
FB750 Intubatt	Both Sides	Copper Pipe ø14 mm	1	1	EI120
FB750 Intubatt	Both Sides	Copper Pipe ø28 mm	1	1	EI120
FB750 Intubatt	Both Sides	Copper Pipe ø42 mm	1	1	EI120
Performance examples of WALL SEALS using F1025 Intuflex in Rigid Walls 100 mm thick (min.)					
FR230 Intucompound	Both Sides	Copper Pipe ø108 mm	2	2.5	E240 EI60
FR230 Intucompound	Both Sides	Steel Pipe ø150 mm	2	2.5	E240 EI120
FR230 Intucompound	Both Sides	Steel Pipe ø170 mm	2	2.5	E240 EI180
Performance examples of WALL SEALS using F1025 Intuflex in Flexible Walls 130 mm thick (min.)					
FS702 Intumastic	Both Sides	Copper Pipe ø160 mm	2	2.5	EI120
FB750 Intubatt	Both Sides	Copper Pipe ø160 mm	2	2.5	EI120
Performance examples of WALL SEALS using F1025 Intuflex in Rigid Walls 150 mm thick (min.)					
FB750 Intubatt	Both Sides	Cable Bundle ø80 mm	1	1	EI240
FB750 Intubatt	Both Sides	Steel I-Beam	1	1	E120 EI60
FB750 Intubatt	Both Sides	Copper Pipe ø42 mm	1	1	E240 EI120
FB750 Intubatt	Both Sides	Steel Pipe ø76 mm	1	1	E240 EI120
Performance examples of WALL SEALS using F1025 Intuflex in Shaft Walls 90 mm thick (min.)					
FB750 Intubatt	Opposed Side to Fire	Copper Pipe ø14 mm	1	1	EI120
FB750 Intubatt	Opposed Side to Fire	Copper Pipe ø28 mm	1	1	EI120
FB750 Intubatt	Opposed Side to Fire	Copper Pipe ø42 mm	1	1	EI120
FB750 Intubatt	Both Sides	Copper Pipe ø160 mm	2	2.5	E120 EI60



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Technical information

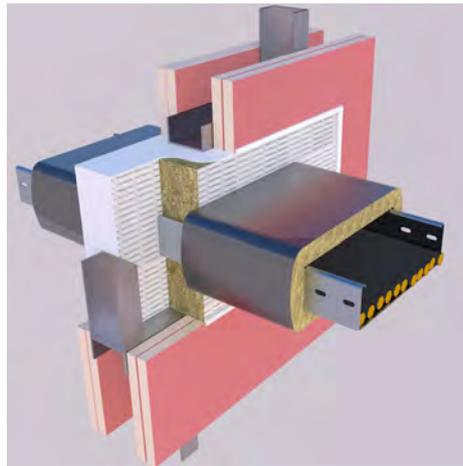
Property	Test Method	Result
Composition		Compressed rock fibre, foil faced on one side
Dimensions		25 mm x 200 mm x 10 m
Manufacturing Tolerances		±2.5 mm
Density		45 kg/m ³
Application Temperature		+5°C to +60°C
Maximum Continuous Operating Temperature		+500°C
Storage	Store in dry conditions between -10°C and +70°C. Do not store directly on concrete floors.	
Shelf Life	Unlimited when stored as advised.	

Guarantee / Warranty

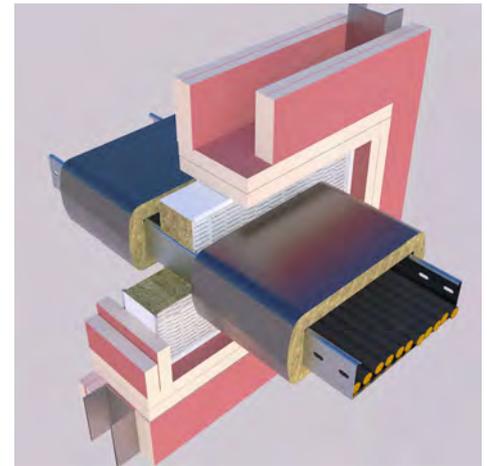
Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement. It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

Typical Details



FB750 double batt with F1025 Intuflex: EI120 when tested with the EN cable set



FB750 single batt with F1025 Intuflex: EI60 when tested with the EN cable set