

FI025

Intuflex Insulation Wrap

09-03-2026 / V 2

Description

FI025 Intuflex is a fire insulation upgrade material, primarily made from rock mineral fibre, with an outer layer of foil. The foil facing in conjunction with aluminium foil finishing tape, leaves an aesthetically pleasing finish with zero fibre migration.



Features and Benefits

- 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.

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.

Areas Of Application

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Packaging

Supplied in individual boxes.

Each box contains 2 rolls of 25 mm x 200 mm x 5 m

Storage

Store in dry conditions between -10°C and +70°C. Do not store directly on concrete floors.

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Technical Characteristics

Composition	Compressed rock fibre, foil faced on one side
Density	45 kg/m ³
Touch Dry / Skin Formation Time	240
Application Temperature	+5°C to +60°C
Storage	Store between +5°C and +25°C in dry conditions.
Shelf Life	Unlimited when stored as recommended.

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.

Substrate Preparation

All surfaces must be clean and sound, free from dirt, grease and other contamination.

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.

Application

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.

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Please Note

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.

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.

Health And 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 01942 251400