

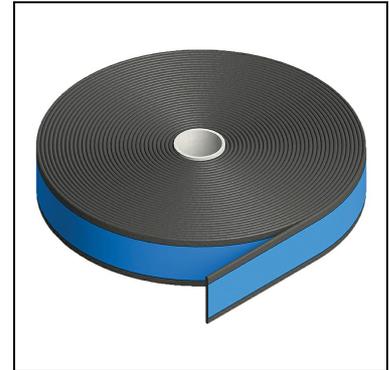
FP302

Intustrap Intumescent Strap

09-04-2025 / V 1

Description

FP302 Intustrap is 25 metre roll of rubber based product with graphite impregnation, used as a fire stopping closer device.



Features and Benefits

- Up to 4 hours fire resistance - Tested to EN 1366-3
- Suitable for use in many substrate types
- Remains permanently flexible
- Unaffected by moisture
- Suitable for use direct in substrate, or within FB750 Intubatt or FR230 Intucompound
- Easy to inspect

Usage Purpose

FP302 Intustrap is a tested and proven closer device to be used around combustible pipes (insulated and not insulated), insulated non-combustible pipes, and conduits (filled or empty).

FP302 is suited to a range of combustible elements

FP302 has been tested direct within Rigid Walls / Floors, White Walls, CLT Walls / Floors, Trapezoidal Deck Floors and FR230 Intucompound.

FP302 has been tested within FB750 Intubatt or FB770 Intudeck in Flexible Walls, Rigid Walls / Floors and Timber Floors.

Typical areas of use include: health and leisure facilities, schools, universities, modular construction, commercial buildings, hospitals, retail and industrial units, train stations, nuclear power plants, etc...

Packaging

Supplied individually on a roll with a release barrier

Dimensions 60mm x 4mm x 25m rolls

1 roll per box

Available Colour

Anthracite - Release barrier colour may vary.

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Storage

Store in dry conditions between -10°C and +70°C. Do not stack on each other without separation.

Certificates & Approvals

ETA 20/1318
CE 2531-CPR-CX010107
UKTA 0843-UKTA-22/0060
UKCA 0843-CPR-1251
UL-EU-01060-CPR

Technical Characteristics

Composition	Graphite based intumescent strap	
Density		1275 kg/m ³
Reaction To Fire	EN 13501-1	Euroclass E
Durability	EN 13162, EN 14303, EN ISO 1519	Type Z1: intended for use at internal conditions with high humidity, excluding temperatures below 0°C, rain and UV (also covers type Z2)
Application Temperature	Up to +60°C	
Service Temperature	Maximum +70°C	
Intumescent Expansion Ratio	120 times volume expansion	
Storage	Store in dry shaded conditions between -10°C and +70°C. Individual rolls of FP302 must be separated by a release paper when stacked unpackaged.	
Shelf Life	Unlimited when stored as recommended	

Substrate Preparation

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

Necessary Tools

Suitable cutting knife

Protective Equipment

Ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

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Preparation

Ensure all services passing through the compartment penetration are suitable for use with FP302 and have been installed to the satisfaction of all relevant parties (we recommend checking TDS's as supplied by the manufacturer of the service for all other considerations).

Identify all services types and ensure you have the required suitable Nullifire ancillary products available (e.g. FB750 Intubatt or FR230 Intucompound).

Application

Refer to ETA n°20/1318 and apply the correct number of layers and rows, depending on the substrate type and fire performance requirements.

(We recommend the release tape is left in position and applied against the service for ease of positioning).

Locate the FP302 Intustrap to the correct perceived location within the compartment reinstatement seal type chosen and secure with duct tape only to itself, to retain product layers.

Rigid Wall (direct) :

Locate the FP302 within substrate with a maximum protrusion of 10mm.

Annular fill requirements :

- 5 to 10mm: fill annular with FS702 Intumastic
- 10 to 60mm: fill annular with FI064 Backer (or mineral wool minimum 70kg/m³) + FS702 Intumastic
- for larger annular spaces, FB750 Intubatt or FR230 Intucompound will be required ; ensure suitable smoke seal is created using FS702 Intumastic.

Flexible Wall :

- Single FB750 Compression Fit

Locate the FP302 within the FB750 with a protrusion of 5mm to each side.

Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

- Double FB750 Compression Fit

Locate the FP302 within each FB750 with a protrusion of 10mm to each exposed face.

Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

- FB750 Pattress Fit

Locate the FP302 within each FB750 with a protrusion of 10mm to each exposed face.

Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

Rigid Floor (direct):

Locate the FP302 within substrate with a maximum protrusion of 10mm.

Annular fill requirements :

- 5 to 10mm: fill annular with FS702 Intumastic
- 10 to 60mm: fill annular with FI064 Backer (or mineral wool minimum 70kg/m³) + FS702 Intumastic
- for larger annular spaces, FB750 Intubatt or FR230 Intucompound will be required ; ensure suitable smoke seal is created using FS702 Intumastic.

Timber Floor:

- Single FB770 Intudeck

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Locate the FP302 within the FB770 with a maximum protrusion of 10mm.
Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

Rigid Floor:

- Double FB750 Compression Fit

Locate the FP302 within the FB750 with a maximum protrusion of 10mm to each exposed face.

Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

- FB750 Pattress Fit

Locate the FP302 within the FB750 with a maximum protrusion of 10mm to each exposed face.

Fill annular and irregularities (maximum 20mm) with FS702 to full depth.

- FR230 Intucompound

Install the FB750 used as FR230 shutter, compressed on on at least 2 sides, allowing minimum 100mm depth for the FR230.

FP302 may be installed anywhere within the FB750 or the FR230, withing a maximum protrusion of 10mm on upper face.

Tool Cleaning

Immediately remove all excess sealant, compound and masking tape before cure. Clean tools in warm water. Cured sealant can only be removed mechanically.

Please Note

FP302 is tested with inspection in mind. The product should protrude from all substrates by a maximum of 10mm. This enables easy inspection.

FP302 may also be installed anywhere within the floor slab, up to 300mm from the underside of the soffit. We recommend installation is either at the top or the bottom face to prevent destructive inspection requirements.

Do not use around CPVC pipes; for this specific application, please use FS719 HP Blue for CPVC.

If used around Pegler X-Press Carbon steel pipes, the pipe manufacturer should be consulted and their recommendations followed.

When using FR230, if the service type requires thermal expansion, FP302 should be the full depth of the FR230 primary seal if an alternative thermal accommodation joint has not been used.

The product is tested with or without the release tape in position, so it can be used with or without the tape present.

Maintenance

No maintenance required after installation. Routine inspection recommended to ensure no damage to the system.

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

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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

Certification

