

FP170

Intucollar Intumescent Pipe Collar

19-02-2025 / V 1

Description

FP170 Intucollar is a fire stopping closer device comprising of a stainless steel shell with a reactive integrated intumescent lining.



Features and Benefits

- Up to 4 hours fire resistance - Tested to EN 1366-3
- Tested for use with combustible pipes, insulated non-combustible pipes and cable bundles
- Tested for use on many substrates
- Easy to install
- Stainless steel shell
- Slim line design : 30mm tall up to 110mm diameter

Usage Purpose

FP170 Intucollar expands when exposed to fire, reinstating the fire performance of compartment walls and floors which have been breached by services.

FP170 can be used on flexible walls & rigid walls (75mm or wider) and rigid floors (150mm or wider), CLT walls (120mm or wider).

FP170 has been tested with combustible pipes (PVC, PE, PP, SanPVC etc.) insulated non-combustible pipes and network cable bundles

FP170 has also been tested on FB750 Intubatt.

FP170 has been tested oversized to pipe by up to 20mm ; the remaining internal annular space should be fully filled with FS709 HP Intumescent Sealant.

Typically testing is carried out using (U/U) configuration for maximum coverage to many types of combustible pipe material.

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, available in many sizes to suit the following pipe outside diameters:

40mm / 55mm / 65mm / 75mm / 82 mm / 90mm / 100-110mm / 125mm / 140mm / 160mm / 200mm / 250mm / 315mm / 355mm

Technical Data Sheet

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/ 400mm

Available Colour

Stainless Steel (Silver)

Storage

Store in dry ambient conditions up to +35°C

Certificates & Approvals

ETA 21-0183

2821-CPR-0128

UL-EU-01113-CPR

Technical Characteristics

Composition		Stainless steel shell and a reactive intumescent lining
Reaction To Fire	EN 13501-1	Euroclass E
Durability	EN 13162, EN 14303, EN ISO 1519	Type Y2: intended for use at temperatures below 0°C, excluding exposure to rain or UV (also covers types Z1, Z2)
Application Temperature		Up to +60°C
Service Temperature		Maximum +70°C
Storage		Store in dry shaded conditions between -10°C and +70°C.
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

Powerdrill

Screwdriver

Fixings (non-combustible and suited to substrate with a minimum length of 40mm)

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 FP170 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).

Application

Apply a cold smoke sealant around the pipe to substrate abutment; we recommend FS702 Intumastic or FS709 HP Intumescent Sealant.

Position FP170 around the pipe, and against the wall/floor.

Slide the retaining clip into position and fold back.

Fix collar into place using non-combustible fixings suitable for substrate (all collar fixing locations require fixings).

Tool Cleaning

Immediately remove all excess sealant before cure. Clean tools in warm water. Cured sealant can only be removed mechanically.

Please Note

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.

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 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.

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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

Technical Data Sheet

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Certification

