

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



## Product Information

### Description

A heat-reactive, intumescent acrylic sealant for internal use around services.

### Usage / Purpose

A high pressure exerting fire barrier mastic for internal use, containing inert fillers and graphite.

To seal around combustible pipes not exceeding 125 mm diameter: PU Backer

Non-combustible pipes: RF Backer

Cables, cable trays, cable ladders, cable baskets: RF Backer

Cable bundles not exceeding 100 mm diameter: RF backer

### Dimensions and Colour

Tube size: 310 ml

Colour: dark grey

### Availability

Direct from Tremco CPG UK Limited (see back of leaflet for address and telephone details) or through authorised distributors.

## Usage Guidelines

### Typical Applied Depths

#### Typical Installation Around Services

Annular Space Minimum 20 mm

Depth of fill Minimum 25 mm

#### Typical Installation Within Cast in Conduits

Depth 30 mm

### Protective Equipment

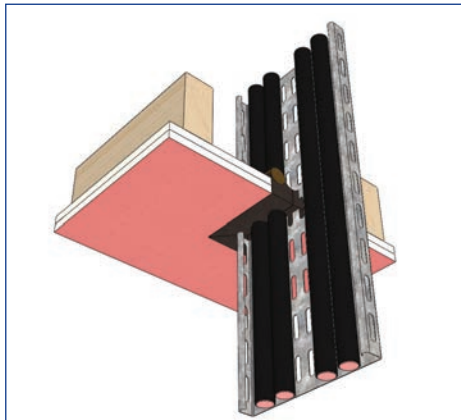
Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

### Applications

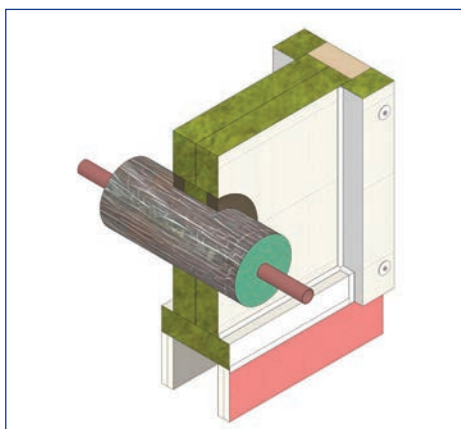
An intumescent pressure exerting mastic used to fire seal combustible pipework up to 125 mm diameter and for sealing around cable trays, cables and within cast in plastic or steel conduits or around Insulation whilst providing up to two hours fire protection when installed within drywall.

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

## Typical Details



Dry lined ceiling with Intumastic cable tray



Phenolic insulated pipe and Intumastic HP in batt

### Installation

Install Intumastic HP in full accordance to installation details provided by Firetherm.

Product will expand 52 times by volume. Reaction commences at 130°C.

- Read the Intumastic HP safety data sheet instructions before starting work.
- Locate read and understand pipe work manufacturers requirements prior to application. Some pipework manufacturers require additional considerations for suitability.
- Cut the end of the tube and trim the nozzle to size required.
- Force Intumastic HP well into the joint ensuring the correct depth of seal, backing material and sides of the joint are well covered.
- Tool off to a good finish using a wet trowel.
- Tack free time 60 to 120 minutes depending on temperature/humidity.

# Intumastic HP

## High Pressure Intumescent Sealant

up to  
**240**  
mins



## Key Benefits Summary

- Tested at Exova BM Trada to BS EN 1366 Pt 3. 240 minutes fire integrity and insulation
- Low smoke
- Tested within suitable flexible wall constructions
- For use in both walls and floor

CE  
ETA 17/0388

certifire  
APPROVAL N° CF5623



# Intumastic HP

## High Pressure Intumescent Sealant



### Technical information

Property	Test Method	Result
Description and Colour		Aqueous Thixotropic Paste - Grey
Specific Gravity		1.3
Viscosity		Thixotropic
Application Temperature		+5°C to 35°C
Flash Point		N/A
Tack Free Time		60- 120 minutes depending on temperature & humidity
Cure Time	at 20°C - 20 mm depth	20 days
pH		8.5 - 9.5
Internal Air Quality		A+
Period of Fire Resistance	BS EN 1366-3/4	up to 4 hours
Service Temperature Range		-25°C to +70°C
Maximum Continuous Operating Temperature		+70°C
Storage	Store between +5°C and +35°C in dry conditions. Keep away from sources of ignition.	
Shelf Life	18 months in unopened and stored as indicated.	

#### Coverage

10 mm wide seal - 3.25 m approx.

15 mm wide seal - 1.35 m approx.

20 mm wide seal - 0.78 m approx.

Or use formula:

$$\frac{\text{Gap width mm} \times \text{sealant depth mm} \times \text{linear metres}}{310 \text{ ml}}$$

For example:

$$\frac{10 \text{ mm gap} \times 10 \text{ mm} \times 100 \text{ metre run}}{310 \text{ ml}} = 32.25 \text{ tubes}$$

#### 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 01322 551010.

#### 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.