



**ROCKWOOL®**

**FIREPRO®**

Intumescent Pipe Wraps

## Firestop solution for plastic pipe penetrations

ROCKWOOL Intumescent Pipe Wraps offer a simple and more economic alternative to Firestop Pipe Collars, for firestopping plastic pipework and electrical trunking in walls and floors.



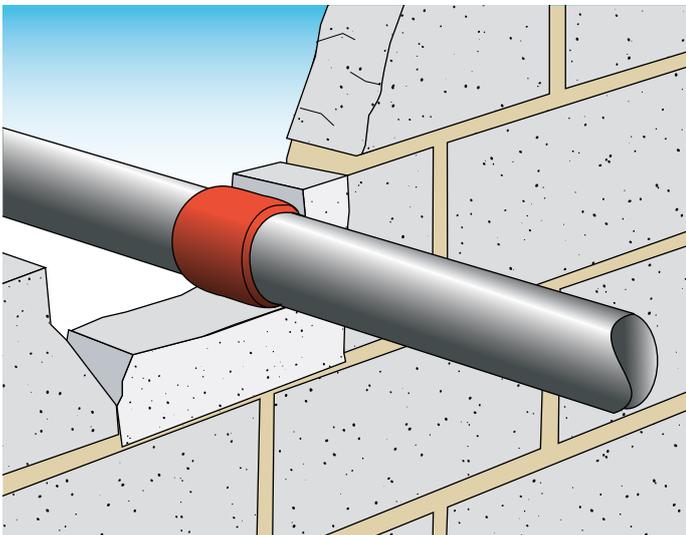
# Intumescent Pipe Wraps

## Description

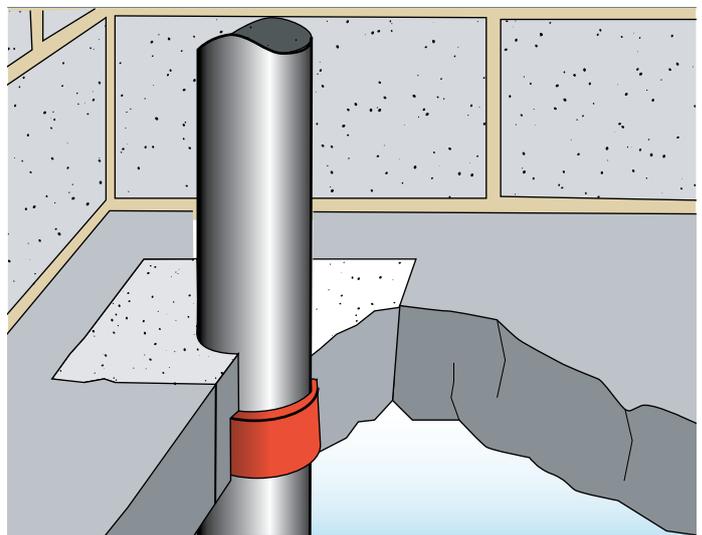
Pipe Wraps comprise layers of a graphite based intumescent sheet encapsulated in a polythene sheath. All Pipe Wraps are supplied in correct length to suit pipe diameter.

## General benefits:

- Simple to install
- No mechanical fixings
- Water resistant
- Maintenance free
- Available to suit pipe sizes up to 160mm O.D.
- Available to fit most electrical trunking sizes
- Available from order in 48 hours



**Figure 1** Intumescent Pipe Wrap sealed into compartment wall with ROCKWOOL Firestop Compound.



**Figure 2** Intumescent Pipe Wrap sealed into compartment floor using ROCKWOOL Firestop Compound.

## Description, performance & properties

**Table 1 - Performance in masonry supporting walls**

Maximum pipe OD (mm)	Maximum pipe wall thickness (mm)	Pipe wrap size		Fire resistance (min)	
		Width (mm)	Thickness (mm)	Integrity	Insulation
55	7	50	4	120	120
55	7	50	8	240	240
82	7	50	8	120	120
82	7	75	8	240	240
110	7	50	8	120	120
110	7	100	8	240	240
160	7	100	20	240	240

**Table 2 - Performance in concrete floors**

Maximum pipe OD (mm)	Maximum pipe wall thickness (mm)	Pipe wrap size		Fire resistance (min)	
		Width (mm)	Thickness (mm)	Integrity	Insulation
55	7	50	4	120	120
55	7	50	8	240	240
82	7	50	8	120	120
82	7	75	8	240	240
110	7	50	8	120	120
110	7	100	8	240	240
160	7	100	20	240	240

Suitable for PVC, UPVC, Polypropylene, MDPE & HDPE pipe materials (Also suitable for ABS pipe material up to 55mm OD).

The following NBS Plus clauses include 'Intumescent Pipewraps': P12-375

# Intumescent Pipe Wraps

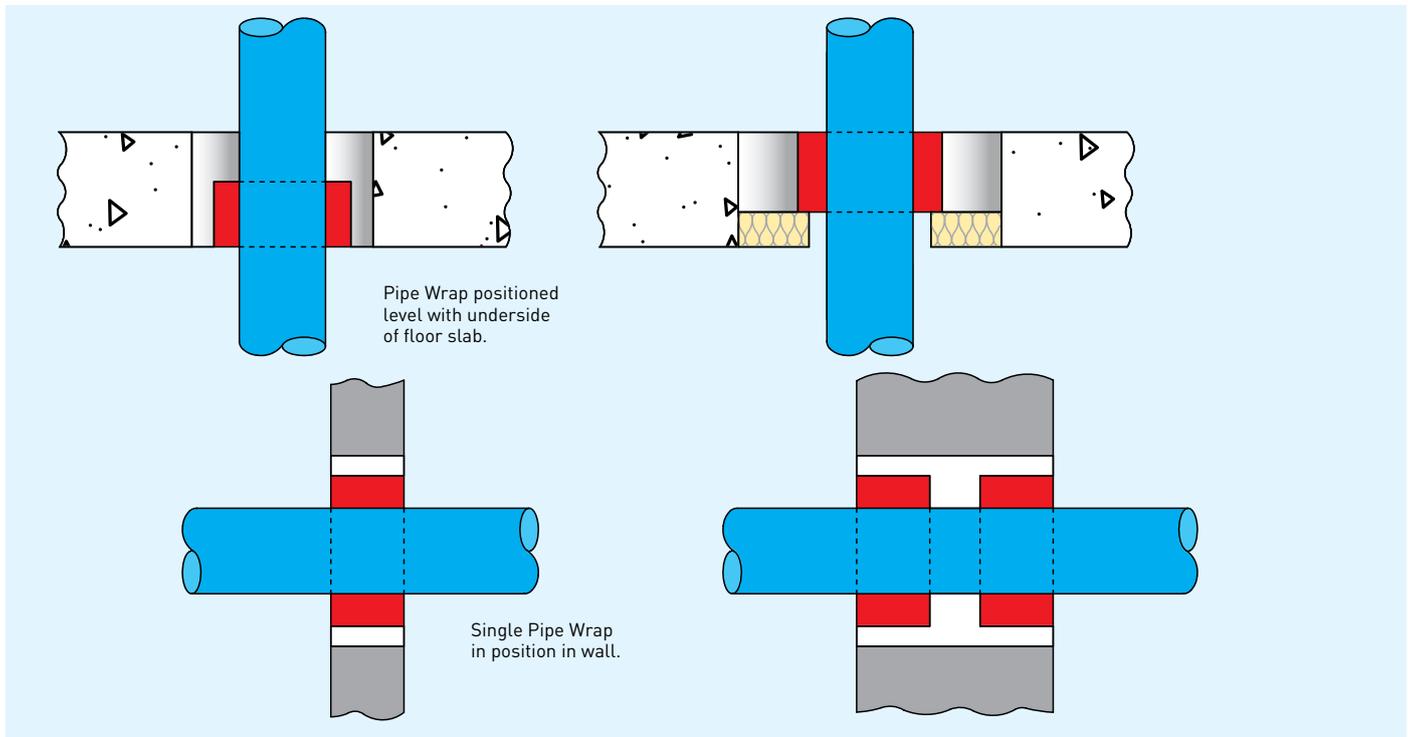


Figure 3

## Installation instructions

The product is intended to be wrapped around the outside diameter of the pipework or trunking and is secured by means of a self-adhesive strip. The Intumescent Pipe Wrap is then positioned within the compartment wall or floor so that the edge of the product is left exposed at the face of the wall or soffit.

The Intumescent Pipe Wrap is then sealed into the structure with ROCKWOOL Firestop Compound.

Under fire conditions, the intumescent material expands against the structure and fills the void left by the burnt out plastic.

For walls it may be necessary to fit two wraps depending on the fire risk areas concerned and if the wall thickness exceeds 150mm.

Where pipes are insulated, please refer to the Insulated Fire Sleeve data sheet.

Intumescent Pipe Wraps are used to prevent fire penetration in plastic pipes that pass through walls or floors for a specified period of up to 4 hours. They are manufactured as a sealed unit to the correct length and width to suit the pipe diameter and fire rating.

- 1) Check that the pipe surface is clear of mortar.
- 2) Ensure that the appropriate pipe wrap is installed to suit the outside pipe diameter and required fire rating.
- 3) Wrap around pipe and fix with integral self-adhesive strip.
- 4) Slide into position ensuring that the bottom edge is exposed in a floor slab and both edges are exposed in a wall. Two wraps may be necessary when the wall thickness exceeds 100mm.
- 5) Seal the pipe wrap into the structure with ROCKWOOL Fire Stop Compound.

## Specification

Install ROCKWOOL Intumescent Pipe Wraps to provide up to 4 hours fire protection to all plastic pipework and electrical trunking where they pass through fire rated walls and floors. Installation to be fully in accordance with manufacturer's instructions.

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Whilst ROCKWOOL will endeavour to keep its publications up to date, readers

will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information contained in this data sheet.

The above applications do not necessarily represent an exhaustive list of applications for Intumescent Pipe Wraps. ROCKWOOL Limited does not accept responsibility for

the consequences of using Intumescent Pipe Wraps in applications different from those described within this data sheet. Expert advice should be sought where such different applications are contemplated, or where the extent of any listed application is in doubt.

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