

Intumescent Pipe Wraps

Fire protection solution for plastic pipe penetrations

As part of the comprehensive FirePro® range of fire protection products, FirePro® Intumescent Pipe Wraps offer a simple and more economic alternative to FirePro® Firestop Pipe Collars for fire stopping plastic pipework and electrical trunking in walls and floors.

Tested to BS 476: Part 20 and BS EN:1366-3, FirePro® Intumescent Pipe Wraps will provide up to 4 hours fire protection.

Advantages

- Simple to install
- No mechanical fixing
- Maintenance free
- Water resistant
- Available to suit pipe sizes up to 160mm O.D.
- Available to fit most electrical trunking sizes

Description

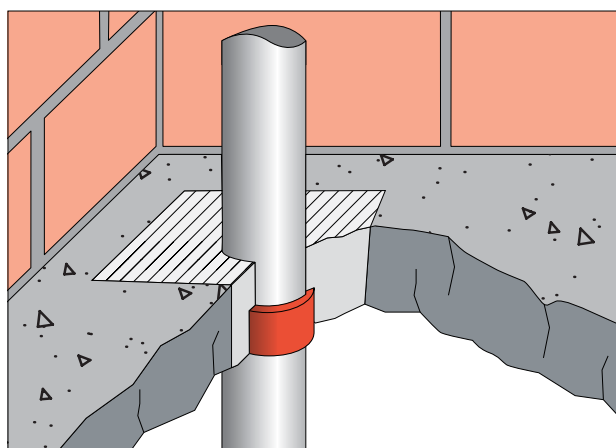
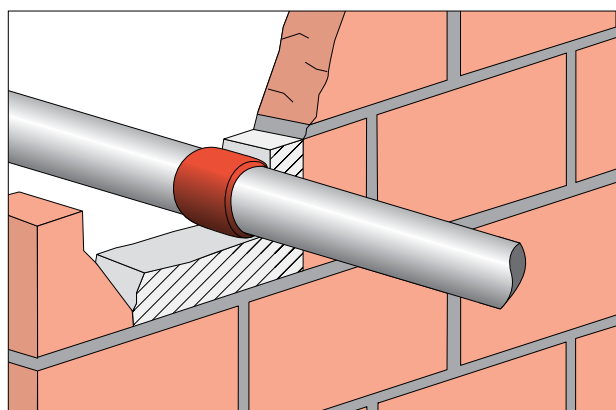
FirePro® Intumescent Pipe Wraps comprise layers of a graphite based intumescent sheet encapsulated in a polythene sheath. The wraps are manufactured as a sealed unit to the correct length and width to suit the pipe diameter and fire rating.

Application

The product is manufactured to be wrapped around the outside diameter of the pipework or trunking and is secured by means of a self-adhesive strip. The FirePro® 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.

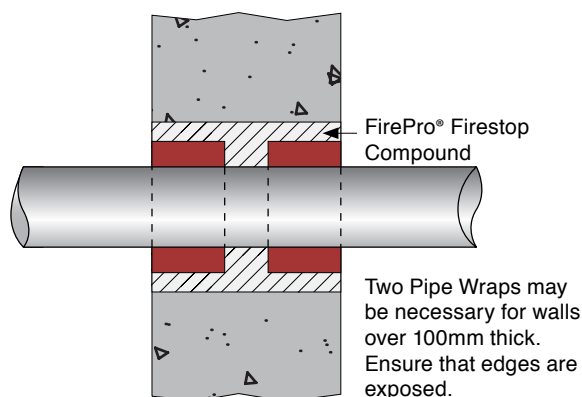
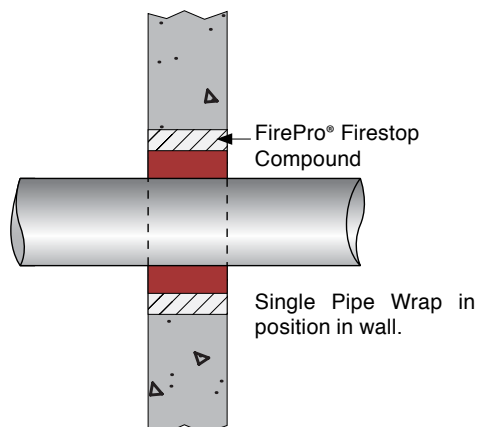
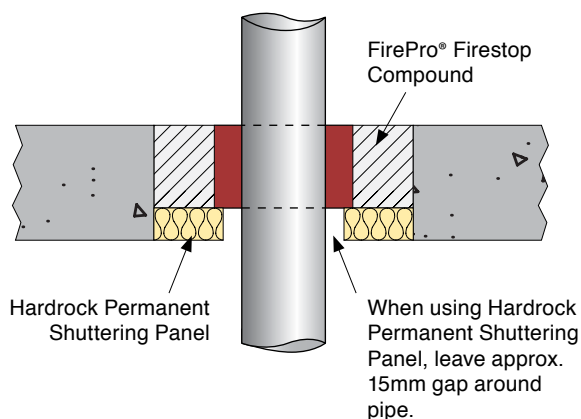
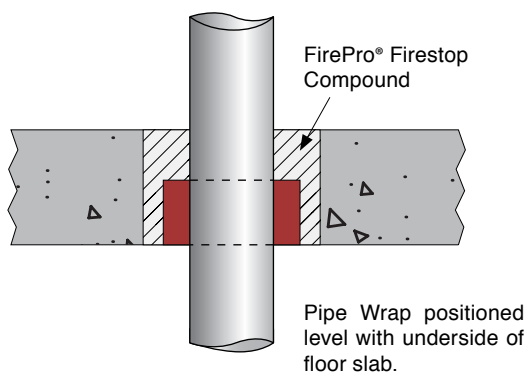
The FirePro® Intumescent Pipe Wrap is then sealed into the structure with FirePro® Firestop Compound.

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 FirePro® Insulated Fire Sleeves data sheet.



Fire Rating

Outside diameter of Pipework	2 hour Pipe Wraps Width	4 hour Pipe Wraps Width
55mm	50mm	100mm
82mm	50mm	100mm
110mm	50mm	100mm
160mm	100mm	100mm

All Pipe Wraps are supplied in correct length to suit pipe diameter. They are suitable for sealing PVC, uPVC, CPVC, Polypropylene, HDPE, MDPE PE plastic pipes. ABS plastic pipes can be sealed up to 55mm.

Not suitable for ventilated pipe applications. Results can vary depending on the wall thickness of the pipe.

Specification

Install FirePro® 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. See below for contact details.

Installation

FirePro® 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 correct pipe wrap is installed to suit diameter and 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 FirePro® Firestop Compound.

FirePro® is the registered trademark of Wilhams Insulation Far East Sdn Bhd

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