

Intumescent Pipe Wraps

Tools required

- None

Ancillary products

Firestop Compound, ablative coated batt

Fixing and application

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 (See Figure 1 & 2).

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.

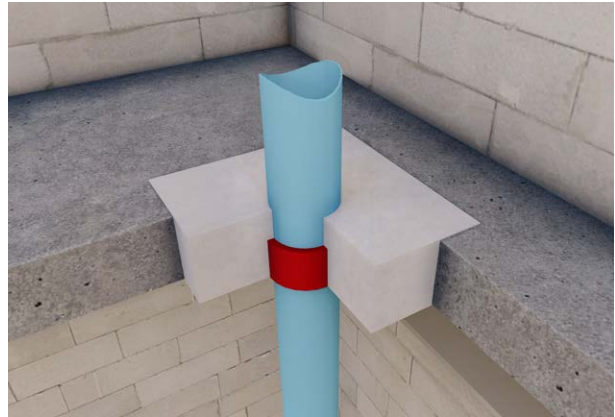


Figure 1
Intumescent Pipe Wrap sealed into compartment floor with ROCKWOOL Firestop Compound

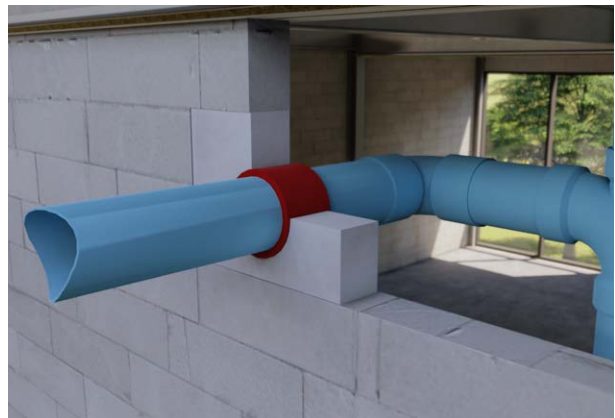
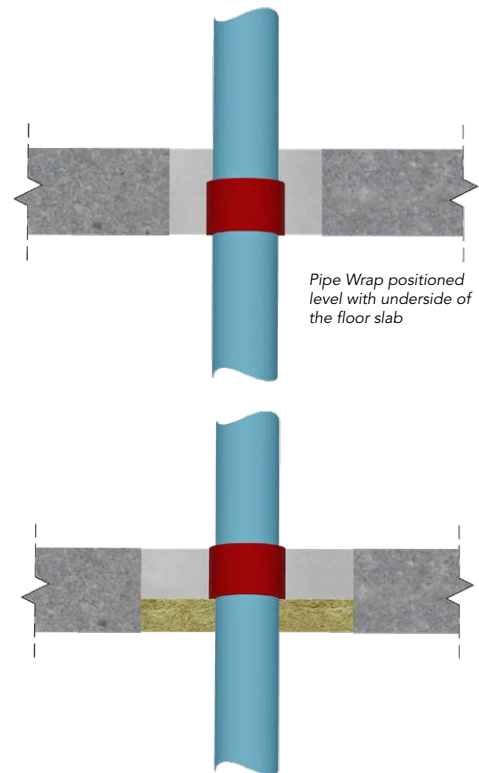


Figure 2
Intumescent Pipe Wrap sealed into a compartment wall with ROCKWOOL Firestop Compound

Installation

1. Ensure that the aperture and services to be protected are tested with the ROCKWOOL Pipe wrap.
2. An annular space needs to be present around the service to allow sufficient room for installation of the pipe wrap.
3. Check that the pipe surface and aperture is clean and clear of dust and debris.
4. Aperture temperature needs to be at 5°C or above at the time of installation. Ensure that the appropriate pipe wrap is installed to suit the outside pipe diameter and required fire rating.
5. Wrap the pipe wrap around the pipe/service and fix using the integral self adhesive strip.
6. 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 (See Figure 3).
7. Seal the pipe wrap into the structure with ROCKWOOL Firestop Compound.

Figure 3



Health & safety

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin
When working in unventilated area wear disposable face mask.



Clean area using vacuum equipment.



Waste should be disposed of according to local regulations.



Rinse in cold water before washing.



Ventilate working area if possible.



Wear goggles when working overhead.

