PFC COROFIL
PASSIVE FIRE PROTECTION SOLUTIONS

PFC Corofil Intumescent Pipe Wraps

Installation Instructions

PFC Corofil Intumescent Pipe Wraps are designed to seal around plastic pipes penetrating masonry walls or concrete floors for up to 4 hours.

If you are unsure about any details within this method statement, please email tech@pfc-corofil.com

General

- Ensure the pipe wrap is suitable for the type, size, wall thickness and fire rating of the plastic pipe (see tables on TDWRAP)

- Compartment walls and floors shall be constructed of the correct material and be a minimum density of 650kg/m3. Walls shall be a minimum thickness of the two wraps required to achieve the fire rating (2 x 50mm or 2 x 100mm) for the pipe being sealed. Floors shall be a minimum 150mm thick.

- Remove all loose debris from around the substrate and the pipe.

- For compartment walls pipe wraps should be fitted to both sides of the wall.

- **The pipe wraps are <u>not</u> suitable for use in plasterboard constructions or with PFC Corofil Coated Panel System. Please refer to PFC Corofil Universal Wrap (MSUNIV) or PFC Corofil insulated fire sleeves (MSINFS) for these applications.**

  PFC Corofil Intumescent pipe wraps are <u>not</u> suitable for use with profiled composite decking or ventilated pipe systems.

Installation for concrete floors

- There should be a minimum 10mm annular gap around the pipe wrap after installing around the pipe.

- Wrap the pipe wrap around the pipe and fix into place with the integral self-adhesive strip.

- Shutter the opening using plywood or PFC Corofil Shuttering Panel (50mm thick).

- Slide the Pipe Wrap down the pipe so that it sits directly on top of the shuttering.

- Install PFC Corofil Firestop Compound into the opening ensuring it covers a minimum of 25mm above the height of the wrap and leave to cure (see MSCOMP for installation details).

- Once the seal has cured, remove the shuttering and ensure the outermost edge of the wrap is visible to allow the intumescent to activate in the event of a fire.

Installation for concrete, masonry and blockwork walls

- There should be a minimum 10mm annular gap around the pipe wrap after installing around the pipe.

- Wrap the pipe wrap around pipe and fix into place with the integral self-adhesive strip ensuring the outermost edge of the wrap is positioned 5mm proud from the face of the wall.

- Ensure the edge of the pipe wrap is exposed to allow the intumescent to activate in the event of a fire.

- Make good between the pipe wrap and masonry wall using a trowel grade of Firestop Compound (see MSCOMP for mixing proportions).

- Repeat procedure on other side of wall.

Health & Safety Instructions

Please refer to SDWRAP

Other Information

Please ensure the product(s) described within this method statement have been tested in, and are suitable for your application.

Doc Reference				MSWRAP			
PB	SE	CB	CI	AB			
This Copy				Review Date			
April 2018				April 2020			