

## PFC Corofil Intumescent Pillows

### Installation Instructions

PFC Corofil Intumescent Pillows provide up to 4 hours fire protection in masonry, concrete and blockwork walls when sealing around steel pipes, cables, steel cable trays, cable bunches and steel trunking.

If you are unsure about any details within this method statement, please email [tech@pfc-corofil.com](mailto:tech@pfc-corofil.com)

### Installation for concrete, masonry and plasterboard walls

- Friction fit the Intumescent Pillows centrally into the opening so that there is a tight seal around the service penetrations and at the perimeter. The pillows should be fitted so that the longest dimension spans across the concrete or masonry wall.
- Stack the pillows so that the joints of one layer alternate with those of the adjacent layer.
- Walls should be a minimum 150mm thick (excluding plaster/render) and be a minimum density of 650kg/m<sup>3</sup>
- The pillows should be fitted so that the length passes through the wall symmetrically overlapping each face so that they do not overhang either side by more than 80mm.
- The inclusion of penetrating services through the pillows may reduce the insulation performance of the aperture seal, depending on the type and number of the services.
- All penetrating services shall be independently supported within 1 metre on both sides of the wall and using a supporting system that will remain effective under fire conditions.
- There must be a layer of at least 50mm thick pillows between the edge of the aperture and any services and at least 100mm between services.
- Steel/Copper pipes must be no larger than 100mm diameter.
- Insulation must not pass through the pillows. Cut the insulation short so that it finishes flush with the outer face of the pillows (insulation must still be independently supported).
- PVC Conduit cannot penetrate the pillow barrier, if cables & cable bundles are inserted into PVC conduit, the conduit must be cut short of the pillow barrier by 100mm on each face of the wall. Cables must be securely clamped to the independent supports and not just to the conduit.
- For electrical trunking, remove the lid and fit the pillows inside so they align with the depth of the wall then replace the lid of the trunking. The lid of the trunking should be cut to within 100mm to facilitate the installation or access to the pillows within the trunking.

### Health & Safety Instructions

Please refer to SDPILL

### Other Information

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

Doc Reference				MSPILL			
PB	SE	CB	CI	AB			
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