

PFC Corofil Fire Rated Silicone Sealant

Installation Instructions

PFC Corofil Fire Rated Silicone Sealant is designed to seal around steel pipes and cables as well as a linear gap seal in masonry, concrete and blockwork walls.

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

General

- The sealant should not be applied if ambient temperatures are below 5°C or above 30°C.
- All joints should be clear and free from dirt, oil or grease and all bond breaking contaminants.
- For penetration seals PFC Corofil Coated panel system should be installed (see MSPANE for details).
- Masonry, Concrete or block walls should be a minimum of 650kg/m³ density.
- When installing as a penetration seal in single layer solid walls should be a minimum 170mm thick excluding any plaster/render
- When installing as a penetration seal in double layer cavity walls the wall should be minimum 75mm thick for each layer excluding any plaster/render. A single coated panel should be installed 'in plane' in each layer so as to create a layer on the outer face of each wall not including any plaster/render.
- When installing as a penetration seal, the sealant should be applied around the services to the coated panel on both faces of the wall.
- All penetrations should have a 5mm coating of PFC Corofil ablative coating for 250mm along the pipe from both faces of the wall.
- There must be at least 50mm of sealant and coated panel between each steel pipe and the edge of the aperture. Where multiple steel pipes and or cables are installed in one seal barrier there shall be a minimum of 50mm between the steel pipe(s) and any cables and/or trays through the same seal barrier
- Insulation fitted to steel pipes should not pass through the barrier and should be cut short by at least 50mm on either side of the barrier.
- When installing as a linear gap seal the walls should be of a type which will provide an integrity and insulation performance in its own right equal to or better than that required of the PFC Corofil fire rated silicone sealant.
- For linear gap seals, the correct backing material should be installed depending on the size of the gap to be sealed and fitted to the appropriate depth for the fire rating required (see TDFRSS for details).
- The size of the backing material should be at least 5mm greater than the height of the gap to be sealed and friction fitted into the aperture so that there is a good seal within the linear gap.
- The surface of the wall should be rough. If the surface is smooth, roughen the surface to provide a key for the sealant.
- For linear gap seals apply the sealant into the joint over the face of the backing material to a flat finish, flush with the face of the wall excluding any plaster/render..
- For linear gap seals in compartment walls requiring fire resistance from either side, the sealant should be applied on both sides of the wall.

Health & Safety Instructions

Please refer to SDFRSS

Other Information

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

Doc Reference				MSFRSS			
PB	SE	CB	CI	AB			
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