



Technical Details

Supporting Test Data: UL-EU-00642-EN

Test Standard: EN 1366-3:2021

Fire Resistance Performance:

CPVC Sprinkler pipe 26mm - 89mm Ø, 2.5 - 6.8mm wall thickness	400mm x 400mm opening	E120 C/C
	1200mm x 1200mm opening	E120, E190 C/C

Supporting Construction:

Flexible/Rigid Walls \geq 100mm - framed and lined
**The supporting construction must meet the fire resistance requirement of the proposed firestopping detail. Supporting construction must be installed and apertures formed in line with manufacturer's guidance*

Service Supports:

$<$ 400mm
**Service supports must be appropriately fire resistant*

Installation:

FSi Ltd. recommend installation of FSi Ltd. products is carried out by 3rd party certified installers.

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles.

Ensure that the aperture and services in question are tested with FlexiCoat® system. All services and apertures need to be clean and clear of all dust and loose particles. The aperture temperature needs to be at 5°C or above at time of installation. The FlexiCoat® system must be in the orientation that ensure the lamellas are positioned to allow for compression. For FlexiCoat® installation, stone wool backing material must be manufactured in accordance with EN 13162: 2001. Install min. 100mm depth of stone wool (minimum 80kg/m³) with a minimum 20% compression fit between the substrates effectively flush with the upper surface of the floor. Brush or trowel over the stone wool with FlexiCoat®. Ensure FlexiCoat® is applied to a minimum DFT (dry film thickness) of 1mm which will require minimum 2.5mm WFT (wet film thickness). Clean all tools and application equipment with water immediately after use.

Competence records should be kept for all individuals installing this product(s). Installations should be suitably recorded and logged.

PyroPro HPE® Sealant 25mm depth 20mm annulus

Minimum Separation Between Penetration Services:
50mm

Maximum Opening Size:
1200 x 1200mm

Minimum Distance to Edge:
0mm

For Further Information surrounding the correct installation of the PyroPro HPE® Sealant please see Technical Data Sheet.

Issue No.	Drawing Reference	Date
01	FLEXI-005	27/11/2024

TESTED DETAIL

Drawing Title: FlexiCoat® and PyroPro HPE® Sealant with CPVC Sprinkler pipes in a flexible or rigid wall $>$ 100mm

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Scale : NTS

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