



Technical Details

Supporting Test Data: UL-EU-00642-EN

Test Standard: EN 1366-3:2021

Fire Resistance Performance:

Cables < 21mm Ø with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I	1200mm x 1200mm opening	E90, EI60
Cables < 50mm Ø with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		
Cables < 80mm Ø with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		
Telecom cables < 21mm Ø (single or in bundle up to 100mm Ø) with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		
Up to 16mm Ø Copper Conduit with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		
Up to 16mm Ø PVC Conduit with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		
Cable trays and ladders with 200mm by 40mm stonewool insulation, 40kg/m ³ , L/I		

Supporting Construction:

Flexible/Rigid Walls > 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

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.

Penetration Service Details:
 See 'Fire Resistance Performance'

Minimum Separation Between Penetration Services:
 100mm

Maximum Opening Size:
 See 'Fire Resistance Performance'

Minimum Distance to Edge:
 100mm

Issue No.	Drawing Reference	Date
01	FLEXI-002	26/11/2024

TESTED DETAIL

Drawing Title: FlexiCoat® with Stopseal® Batt perimeter with cables and cable trays in a flexible or rigid wall >100mm

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Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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