



Technical Details

Supporting Test Data: UL-EU-00642-EN

Test Standard: EN 1366-3:2021

Fire Resistance Performance:

Single cable \leq 21mm \varnothing	110mm x 110mm opening	E1120
	1200mm x 1200mm opening	E120, EI90

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.

Minimum Separation Between Penetration Services:

50mm

Maximum Opening Size:

1200 x 1200mm

Minimum Distance to Edge:

50mm

Issue No.	Drawing Reference	Date
01	FLEXI-012	05/12/2024

TESTED DETAIL

Drawing Title: FlexiCoat[®] with single cables $<$ 21mm in a flexible or rigid wall $>$ 100mm

FSi Ltd. products are manufactured to rigid standards of quality. No liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct at time of issue. Any drawings provided are for illustrative purposes only. FSi Ltd. reserves the right to alter product specifications without prior notice, in line with our Company policy of continuous development and improvement. Changes due to new findings are possible, errors and misprints are not excluded. No liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

FSi Ltd. have no control over the methods of installation, competence of operatives or suitability of site condition. No warranties, expressed or implied, are intended to be given as to the actual performance of the product/system mentioned within this document.

Scale : NTS	FSi Limited Westminster Industrial Estate Tamworth Road Measham Leicestershire DE12 7DS
Drawn by : FSi Limited	
Reviewed by : N/A	