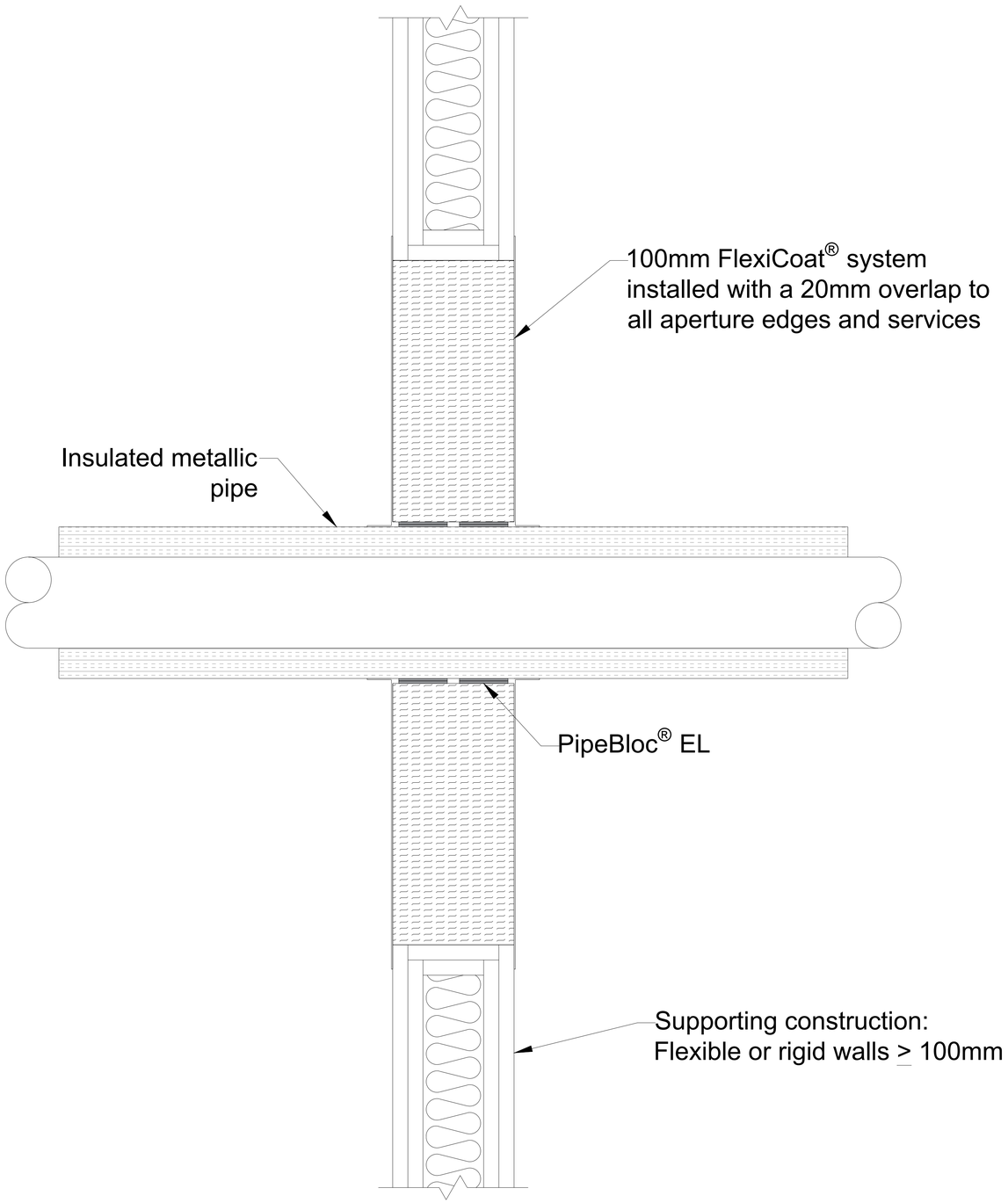

Technical Details

Supporting Test Data: UL-EU-00642-EN, WF549800

Test Standard: EN 1366-3:2021

Fire Resistance Performance:

		No. Layers PipeBloc® EL	
Copper or steel pipe 76mm Ø, 1.5 - 14.2mm wall thickness. Insulated with 40mm thick Elastomeric Insulation (C/S)	1200mm x 1200mm opening	2 layers	E120, EI90 C/C
Copper or steel pipe 76mm Ø, 1.5 - 14.2mm wall thickness. Insulated with 40mm thick Phenolic Insulation (C/S)			EI90 C/C
Copper or steel pipe 54mm Ø, 3.1 - 14.2mm wall thickness. Insulated with 40-50mm thick Phenolic Insulation (C/S)			EI90 C/C
Copper or steel pipe 54mm Ø, 1.2 - 14.2mm wall thickness. Insulated with 20 - 50mm thick Phenolic Insulation (C/S)			EI60 C/C
Copper or steel pipe 54mm Ø, 1.2 - 14.2mm wall thickness. Insulated with 35mm thick Phenolic Insulation (C/S)			E120, EI90 C/U, C/C

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
**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 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:
0mm

For Further Information surrounding the correct installation of the PipeBloc® EL system please see Technical Data Sheet.

Issue No.	Drawing Reference	Date
01	FLEXI-004	09/04/2025

TESTED DETAIL

Drawing Title: FlexiCoat® and PipeBloc® EL with insulated metallic pipes in a flexible or rigid wall >100mm

Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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