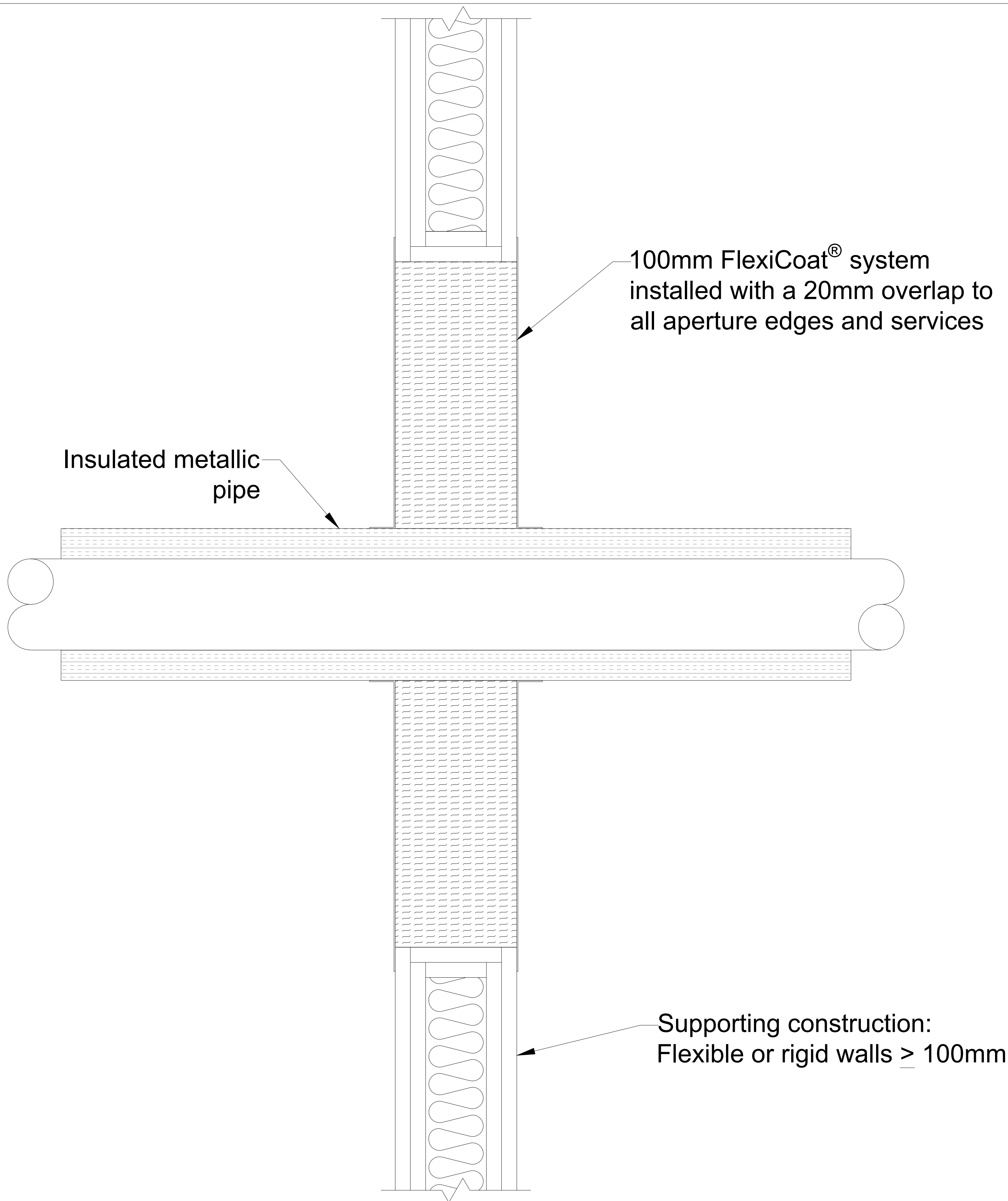




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Technical Details

Supporting Test Data: UL-EU-00642-EN, WF549572

Test Standard: EN 1366-3:2021

Fire Resistance Performance:

	1200mm x 1200mm Opening	1200mm x 730mm Opening
Steel pipe $\leq$ 150mm $\varnothing$, $\geq$ 2.4mm wall thickness, 50mm thick 80kg/m ³ foil faced stone wool, C/S	E120, EI60 C/U	E120, EI60 C/U
Steel/Copper pipe $\leq$ 54mm $\varnothing$, $\geq$ 1.5mm wall thickness, 25mm thick 80kg/m ³ foil faced stone wool, C/S	E90, EI60 C/U	E90, EI60 C/U
Steel/Copper pipe $\leq$ 54mm $\varnothing$, $\geq$ 1.1mm wall thickness, $\geq$ 25mm thick 80kg/m ³ foil faced stone wool, C/S.	E120, EI90 C/C	E120 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 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 of the same type:

50mm

Maximum Opening Size:

1200 x 1200mm

Minimum Distance to Edge:

50mm

Issue No.	Drawing Reference	Date
03	FLEXI-010	20/08/2025

TESTED DETAIL

Drawing Title: FlexiCoat® with metallic pipes and stone wool insulation in a flexible or rigid wall $\geq$ 100mm



Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

FSi Limited
Westminster Industrial Estate
Tamworth Road
Measham
Leicestershire
DE12 7DS

