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Technical Details

Supporting Test Data: 549797/R , 549572/R

Test Standard: BS EN 1366-3: 2021

Fire Resistance Performance:

Services	2600 x 2600mm opening size	1200 X 730mm opening size
Copper or Steel pipe \leq \varnothing . 108mm - \geq 1.3 mm wall thickness 40mm Phenolic Insulation C/S *	EI 60	E 120, EI 90
Copper or Steel pipe \leq \varnothing . 54mm - \geq 1.5 mm wall thickness 25-50mm Phenolic Insulation C/S **	EI 60	EI120
Copper or Steel pipe \leq \varnothing . 76mm - \geq 2 mm wall thickness 25mm - 50mm Phenolic Insulation C/S **	EI 60	EI120

* For all insulation types listed x 2 layers of PipeBloc® EL are required.
** Insulation above 25mm thick x 3 layers of PipeBloc® EL are required.

Supporting Construction:

Flexible walls \geq 100mm, \geq X 2 Layers of 12.5mm Plasterboard to either side. Insulated, 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.

Adequate space and accessibility should be provided for applying and tooling the boards and sealant.

Measure the size of the opening and cut the Stopseal® Batt to the correct size.

Using a trowel or pallet knife apply a thick layer of Pyrocoustic® Sealant to all areas of contact around the opening prior to installing the Stopseal® Batt. Apply a similar thickness of Pyrocoustic® Sealant to the cut Stopseal® Batt and around the services (not needed around services that the Pipebloc EL will be applied).

Wrap PipeBloc® EL around the service with the correct numbers of layers. The wrap should be recessed circa 5mm from the face of the seal and sealed with Pyrocoustic® Sealant Push/Fix the Stopseal® Batt into place and seal with Pyrocoustic® Sealant, ensuring no gaps are present.

Apply a local pattress Stopseal® Batt to the face of the seal over sailing the primary seal by 50mm to all four sides and fix with 90mm pigtail screws one to each corner, 25mm from the edge of the seal. Seal with Pyrocoustic® Sealant, ensuring no gaps are present.

Please see Stopseal® Batt Technical data sheet for further installation guidance on Friction/Pattress fit systems.

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:

\geq 50mm

Minimum Distance to Edge:

\geq 50mm

Issue No.	Drawing Reference	Date
03	STOP-113	21/07/2025

TESTED DETAIL

Drawing Title: Stopseal® Batt Installed to Phenolic Insulated Metallic Pipes

Scale : NTS

Drawn by : FSi Limited

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