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Technical Details

Supporting Test Data:

WF549799/R

Test Standard:

EN 1366-3

Fire Resistance Performance:

	Maximum Aperture size (mm)	
Pre-insulated MLC pipe < 34mm Ø overall diameter, < 2.0mm wall thickness, 9mm insulation thickness	1200 x 800	E60 EI30
Pre-insulated MLC pipe < 58mm Ø overall diameter, < 3.0mm wall thickness, 13mm insulation thickness		
Pre-insulated MLC pipe < 34mm Ø overall diameter, < 2.0mm wall thickness, 9mm insulation thickness	650 x 350	EI60
Pre-insulated MLC pipe < 58mm Ø overall diameter, < 3.0mm wall thickness, 13mm insulation thickness		

Supporting Construction:

Flexible walls > 75mm - 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.

Measure the size of the opening, relevant position and size of the services.

Tape all surfaces where necessary to ensure the aesthetics of Pyrocoustic® Sealant. Draw these details onto the Stopseal® Batt and cut out using a saw or knife. Using a trowel or pallet knife apply a thick layer of Pyrocoustic® Sealant to all areas of contact around the opening and services . Apply a similar thickness of Pyrocoustic® Sealant to the cut Stopseal® Batt. Fit the cut Stopseal® Batt into the opening, ensuring a tight friction fit. Push the Stopseal® Batt firmly into the opening using the flat of the hand. Continue the above procedure to fill the opening ensuring that a layer of Pyrocoustic® Sealant is applied to all areas of contact between the boards. The seal should be made up from as few pieces of Stopseal® Batt as practicable. Any small gaps in the seal left when all cut pieces have been installed should be tightly packed with off -cuts and coated with Pyrocoustic® Sealant. A layer of Pyrocoustic® Sealant should be applied to all joint lines formed by piecing the seal together. To complete the installation a small bead of Pyrocoustic® Sealant should be applied around the extremities of the opening and services. The bead of Pyrocoustic® Sealant should be smoothed to overlap the wall surface by approximately 5mm. Remove any masking and dispose of waste materials.

Wrap PipeBloc® EL around the service with the correct number of players***. If using PipeBloc PWP the correct product size should be used depending on the pipe diameter. The wrap should be sitting within the seal recessed 5mm from each face. 5mm depth of Pyrocoustic® Sealant should be smoothed to over the wrap.

Penetration Service Details:

*** 2 layers of PipeBloc® EL are required.

Minimum Separation Between Services of the Same Type:

50mm

Minimum Separation to edge:

0mm

Maximum Opening Size:

1200mm x 800mmmm

Issue No.	Drawing Reference	Date
01	STOP-107	24/07/2025

TESTED DETAIL
Drawing Title: Stopseal [®] Batt system installed to pre-insulated MLC pipes through a single skin flexible wall construction.

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