



Technical Details

Supporting Test Data: R001874 - UL-EU1023-CPR

Test Standard: EN 1366-3

Fire Resistance Performance:		1200 x 730 (mm)
PVC-U, PVC-C Penetrations 32 - 125mm	EI 90 U/C, C/C	
PE, ABS, SAN-PVC Penetrations 32 - 125mm	EI 90 U/C, C/C	
PP Penetrations 32 - 125mm	EI 90 U/C, C/C	
		2600 x 2600
PVC-U, PVC-C Penetrations 32 - 125mm	EI 60 U/C, C/C	
PE, ABS, SAN-PVC Penetrations 32 - 125mm	EI 60 U/C, C/C	
PP Penetrations 32 - 125mm	EI 60 U/C, C/C	

Supporting Construction:

Flexible walls ≥ 100 mm, Insulated openings, Lined / Unlined

**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.

For larger openings, the aperture will need to be filled with Stopseal® Batt at the same time as Pipebloc® EL is installed. See TDS001 for installation and UL-EU-01023-CPR for tested systems.

For smaller openings / annular space apply Pyrocoustic® Sealant at 5mm depth after wrap is installed. Use pointing tool to smooth off. Peel of self adhesive strip. Start to wrap Pipebloc® EL around the service ensuring enough layers in line with scope of test data, use self-adhesive to secure. Push into aperture or in line with aperture.

Apply the second Pipebloc® EL to the other side of the wall. Floor systems require Pipebloc® EL from both sides of floor and can be fitted centrally but ensure correct layers are applied as the two systems differ in layers

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

Minimum Separation Between Services and to Edge:

- 0mm

Issue No.	Drawing Reference	Date
02	STOP-81	21/11/2024

TESTED DETAIL

Drawing Title:
Pipebloc® EL System Installed to Combustible Penetrations in a Flexible Wall with a Stopseal Batt System

Scale : NTS

Drawn by : FSi Limited



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