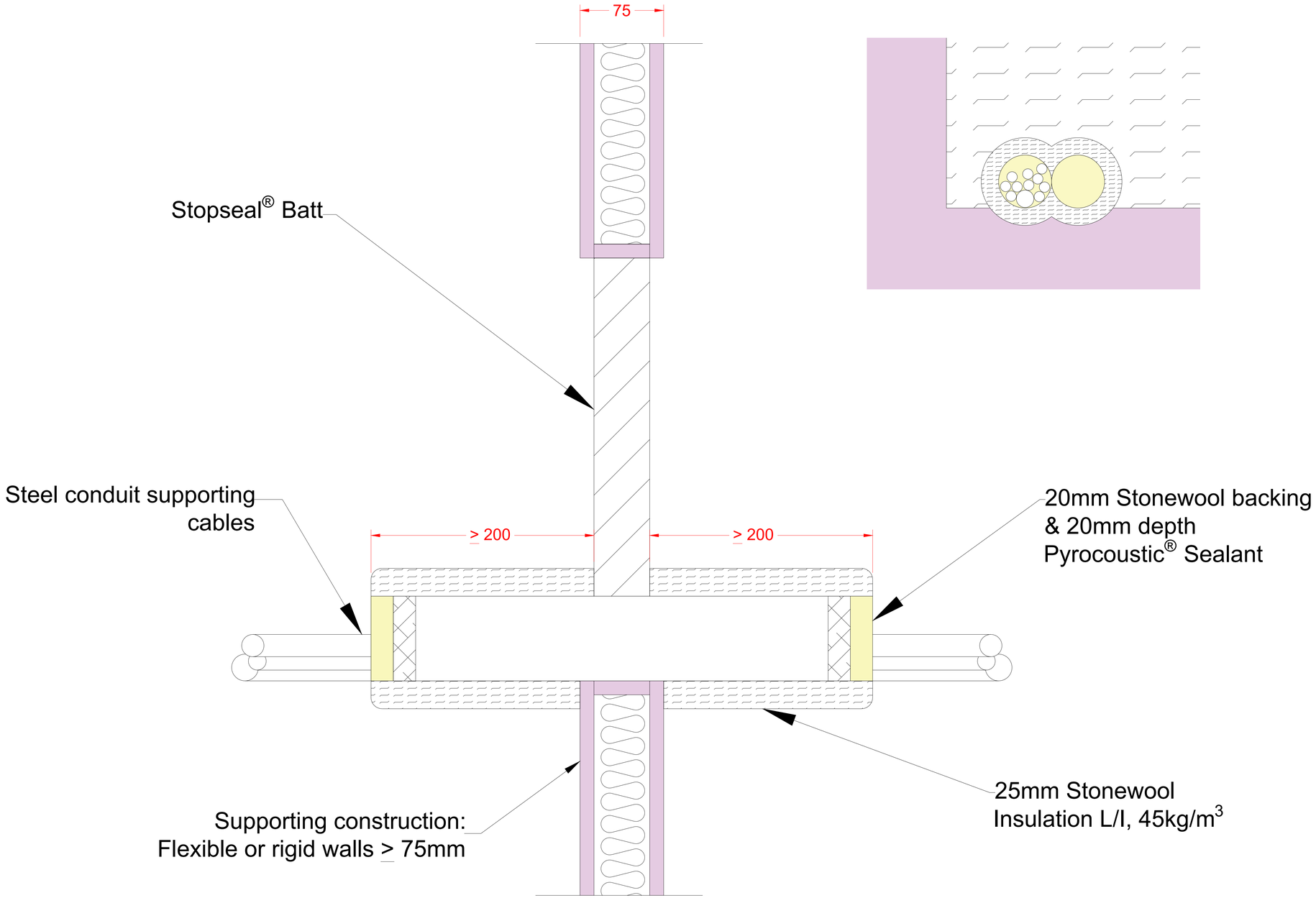

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Technical Details

Supporting Test Data:

WF549799/R

Test Standard:

EN 1366-3

Fire Resistance Performance:

	Maximum Aperture size (mm)	
Steel conduit 38mm - 77mm Ø min. 450mm long, 1.5mm - 3.3mm wall thickness, Cables < 21mm 25mm Stonewool L/I ≥ 200mm , 45kg/m^3	1200 x 800	E60 EI30
	650 x 350	EI60

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 substarte 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.

Minimum Separation Between Services of the Same Type:
0mm

Minimum Separation to edge:
0mm

Maximum Opening Size:
1200mm x 800mmm

Capping Detail:
Capping to the end of the conduit is only required if the conduit is open in the compartment.

Issue No.	Drawing Reference	Date
01	STOP-102	24/07/2025

TESTED DETAIL

Drawing Title: Stopseal® Batt system installed to steel conduit through a single skin flexible wall construction.

Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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