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#### Technical Details

##### Supporting Test Data:

WF549797/R

##### Test Standard:

EN 1366-3

##### Fire Resistance Performance:

≤150 x 150mm Steel Cable Trunking - 50mm Stopseal Batt  
Insulation 140kg/m<sup>3</sup> L/1 400mm

E120

##### Supporting Construction:

Flexible walls > 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:

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

Tape all surfaces where necessary to ensure the aesthetics of Pyrocoustic<sup>®</sup> Sealant. Draw these details onto the Stopseal<sup>®</sup> Batt and cut out using a saw or knife. Using a trowel or pallet knife apply a thick layer of Pyrocoustic<sup>®</sup> Sealant to all areas of contact around the opening and services. Apply a similar thickness of Pyrocoustic<sup>®</sup> Sealant to the cut Stopseal<sup>®</sup> Batt. Fit the cut Stopseal<sup>®</sup> Batt into the opening, ensuring a tight friction fit. Push the Stopseal<sup>®</sup> 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<sup>®</sup> Sealant is applied to all areas of contact between the boards. The seal should be made up from as few pieces of Stopseal<sup>®</sup> 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<sup>®</sup> Sealant. A layer of Pyrocoustic<sup>®</sup> Sealant should be applied to all joint lines formed by piecing the seal together. To complete the installation a small bead of Pyrocoustic<sup>®</sup> Sealant should be applied around the extremities of the opening and services. The bead of Pyrocoustic<sup>®</sup> Sealant should be smoothed to overlap the wall / floor surface by approximately 5mm. Remove any masking and dispose of waste materials.

FSi S-Line<sup>®</sup> Pillows should be installed directly within the center of the seal filling any voids within the trunking, creating a tight and compact seal around the cables as they penetrate through the substrate.

Stopseal Batt<sup>®</sup> insulation applied to the trunking fixed with Pigtail Screws, joints and abutments sealed with Pyrocoustic<sup>®</sup> Sealant.

##### Penetration Service Details:

See 'Fire resistance performance' above

##### Minimum Separation Between Services of the Same Type:

50mm

##### Minimum Separation to edge:

0mm

##### Maximum Service size:

150mm x 150mm or all sizes up to the maximum cross sectional area tested.

##### Maximum Opening Size:

730mm x 1200mm

##### Trunking Loading:

As per EN1366-3 ; 2021, section C.2.2.2.3;

**C.2.2.2.3** The trunkings shall be filled with a mix of infill cables in accordance with C.1.2.2, including the cable(s) required in C.2.2.2.2, subject to a filling degree of nominal 60 %, using the formula  $\theta^2$  for the calculation of the cable cross section, where  $\theta$  is the cable diameter.

**NOTE** The formula  $\theta^2$  is used to calculate the space a cable needs in electro-technical practice as the cables are never completely straight.

Issue No.	Drawing Reference	Date
01	STOP-095	07/04/2025

#### TESTED DETAIL

Drawing Title: Stopseal<sup>®</sup> Batt system installed to steel cable trunking through a flexible wall construction.

Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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