



## Technical Details

**Supporting Test Data:** WF 517975

**Test Standard:** EN 1366-3:

**Fire Resistance Performance:**

Cable Tray 230 x 25mm supporting 3x A1 Cables, 3x A2 Cables, 3x A3 Cables and 1x B Cable	E30 E115
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### Supporting Construction:

Flexible Floors  $\geq 255\text{mm}$  - 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:

$\leq 400\text{mm}$

Service supports must be appropriately fire resistant. Installed to the unexposed face of the substrate. (Top Side)

### 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 allowing an additional 100mm to all four sides. When cutting the profile of the cable tray and cables a 20mm void over the top and sides or the cables should be left.

Using a trowel or pallet knife apply a thick layer of Pyrocoastic Sealant to all areas of contact around the opening prior to installing the Stopseal Batt. Apply a similar thickness of Pyrocoastic Sealant to the cut Stopseal Batt and around the services leaving the 20mm void over and to the sides of the cables free from sealant.

Push/Fix the Stopseal Batt into place and seal with Pyrocoastic Sealant, ensuring no gaps are present.

Ultise steel toggle fixings 4mm minimum diameter installing one to the corner of each cut section of Stopseal batt.

Fill 20mm void to the top and side of the cables With Pyropro HPE Sealant to a 50mm depth and smooth off to finish

### Penetration Service Details:

See 'Fire resistance table' above

### Minimum Separation Between Penetration Services:

50mm

### Maximum Opening Size:

300 x 300mm

### Minimum Distance to Edge:

50mm

### Pyorpro HPE Sealant

20mm Annular over top and sides of cables x 50mm Depth

## TESTED DETAIL

**Drawing Title:** Pattress Stopseal Batt with Cables and Cable Trays in Flexible Floors  $>255\text{mm}$

### Notes :

Due to the lack of consideration for these substrate types within the EN1366-3-2021 test standard the systems tested would require prior approval from the authority having jurisdiction on the project to determine the appropriateness of the tested systems. It would need to be determined the site conditions and project requirements are appropriate considering the specific test parameters and conditions.

Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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01	STOP-058P	20/09/2023