

Technical Details

Supporting Test Data: WF 517975

Test Standard: EN 1366-3

Fire Resistance Performance:

100mm Cable Bundle	E30
D1 Cable 56mm	

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 cables a 20mm void 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.

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

Fill 20mm annular void with Pyropro HPE Sealant

Penetration Service Details:
 See 'Fire resistance table' above

Minimum Separation Between Penetration Services:
 50mm

Maximum Opening Size:
 400 x 400mm


Minimum Distance to Edge:
 50mm

Pyorpro HPE Sealant

20mm Annular x 50mm Depth

TESTED DETAIL

Drawing Title: Pattress Stopseal Batt with Pyropro HPE for cable bundles up to 100mm 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	FSi Limited Westminster Industrial Estate Tarnworth Road Messham Leicestershire DE12 7DS 
	Drawn by : FSi Limited	
	Reviewed by : N/A	

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Issue No.	Drawing Reference	Date
01	STOP-063P	21/09/2021