

FSi

Promat

CAVITY BARRIER PRODUCT GUIDE




EVERY CLAD NEEDS A SILVERLINER®

 **FIRE SAFETY,
NO COMPROMISE.**

etex inspiring ways
of living

Introduction Fire Stopping Expertise

Why Choose FSi Promat?:

 **FIRE SAFETY,
NO COMPROMISE.** At the core of our business is the profound understanding that we **manufacture products that save lives.**

Product performance, quality, trustworthy technical support and transparency is of paramount importance. That's why when it comes to fire safety, at FSi Promat we don't compromise.



Industry Leading Expertise & Support

- Over 20 years experience in fire stopping expertise
- Technical experts available when you need us
- Easy access to technical information and certification
- Innovative programme of product testing
- Up-to-date with the latest industry knowledge and legislative requirements

Plus we offer:

- Fast delivery times
- Product training
- RIBA accredited CPDs
- Part of the Etex group; the UK's leading source of drywall, steel framing and fire protection products. FSi Promat work alongside Siniat, Promat and Remagin on project packs to provide joint construction solutions - all under one roof.



Site and Technical Support

FSi Promat offer a range of services to contractors and installers:

- Method statements
- Installation guidance documents
- Toolbox talks
- Quality assurance inspections
- Installation and completion reports

Specification Services

- FSi Promat have a large library of standard details
- Project specific details are available to suit individual requirements
- Project consultation available with Building Control Officers, Architects and Main Contractors
- Comprehensive expert advice on the latest specification standards and fire classifications



RIBA Accredited CPD

Learn about UK regulations and guidance surrounding cavity barrier use and design as stipulated by Approved Document B, CWCT and NHBC.

The talk also goes into the British Standards associated with fire barriers such as BS EN 13501-1, BS 476-20, ASFP TGD19, BS 8414-2 & BR 135, and additional endorsements such as third-party test accreditation and certification of products and installers.

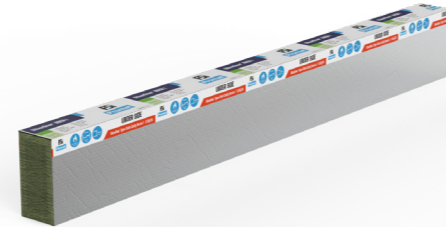


Capture the QR code to book your CPD:



Product Information

Silverliner® Open State Cavity Barrier



For use in open state cavities within the external building facade where continuous ventilation and drainage is required. Silverliner incorporates a foil lined mineral wool fibre board with a high-performance intumescent strip, so in the event of a fire the intumescent strip quickly swells to close the gap, slowing the spread of smoke and flame around the outside of a building.

Areas of use:

- Between the inner substrate and the external building envelope
- Where movement of air and moisture is required (up to 50 mm air gaps)
- In conjunction with FSi Promat Paraflam® where vertical cavity barriers are required
- In void ranges from 50 mm - 550 mm

Product advantages:

- Third party tested - IFC Certification
- Non-combustible core
- <5 minutes ventilation void closure time
- 30, 60, 90 and 120 minute fire resistance products available
- Colour coded labels for clear onsite product identification and fire resistance classification
- Dry-fit solution = no curing time
- Fast installation using brackets
- Custom cut to order
- Assumed working life of 25 years

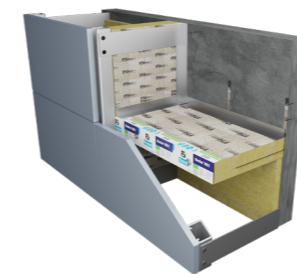
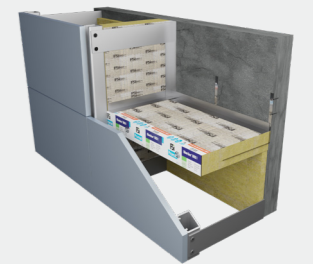


Silverliner® OSCB has been tested in accordance with ASFP TGD 19 Fire Resistance Test for "Open State" Cavity Barriers used in the external envelope or fabric of buildings.

In the test a representative sample of an "Open state" cavity barrier is exposed to a specified regime of heating and pressure as specified in EN 1363-1. The fire resistance performance of the test specimen is also monitored as stipulated by this standard and the results are expressed as the time for which the appropriate criteria have been satisfied.

Silverliner® OSCB 1

Void Range (mm)	Maximum Air Gap (mm)	Performance (mins)		Product Dimensions (mm)	
		Integrity	Insulation	Length	Depth
50-500*	25	90	30	1000	75

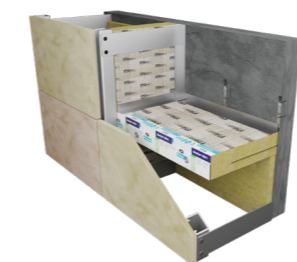
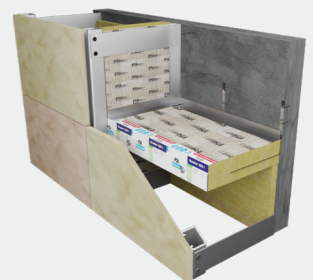


Silverliner® OSCB 2

Void Range (mm)	Maximum Air Gap (mm)	Performance (mins)		Product Dimensions (mm)	
		Integrity	Insulation	Length	Depth
54-350**	50	60	30	1000	75

Silverliner® OSCB 3

Void Range (mm)	Maximum Air Gap (mm)	Performance (mins)		Product Dimensions (mm)	
		Integrity	Insulation	Length	Depth
52-527*	25	120	120	1000	120



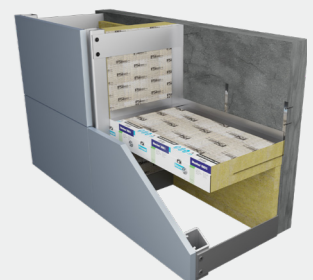
Silverliner® OSCB 4

Void Range (mm)	Maximum Air Gap (mm)	Performance (mins)		Product Dimensions (mm)	
		Integrity	Insulation	Length	Depth
54-354**	50	90	60	1000	120
355-550		60	60		

NEW

Silverliner® OSCB 5

Void Range (mm)	Maximum Air Gap (mm)	Performance (mins)		Product Dimensions (mm)	
		Integrity	Insulation	Length	Depth
52-527*	25	90	90	1000	120

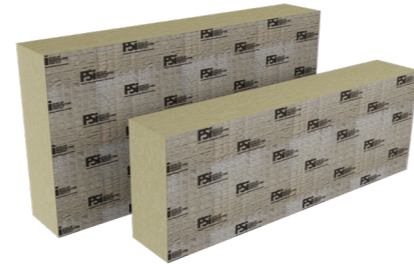


*50 - 77 mm voids are not included in the IFC third party certificate scope.

**54 - 104 mm voids are not included in the IFC third party certificate scope.

Product Information

Paraflam® SEB



Vertical cavity barriers designed to be installed between the internal building structure and external envelope. These barriers form a full seal of the cavity void with no free air gap at vertical barrier locations.

Paraflam® barriers are composed of a non-combustible stonewool core with aluminium foil faces. The system is engineered to aid ventilated facades by maintaining air-pressurisation within distinct compartments and give high-performance fire resistance.

Areas of use:

- Masonry construction
- Curtain wall and perimeter facades
- External rainscreen facades
- Large horizontal and vertical joints in walls and floors
- Fire stop for internal apertures

Product advantages:

- Third party tested - UL-EU
- Dry-fit solution = no curing time
- Easy & fast friction fit system
- Non-combustible
- Lightweight
- Weather resistant
- Tested in voids up to 550 mm
- Excellent acoustic performance
- Euroclass 'A1' reaction to fire (when tested to EN13501-1)



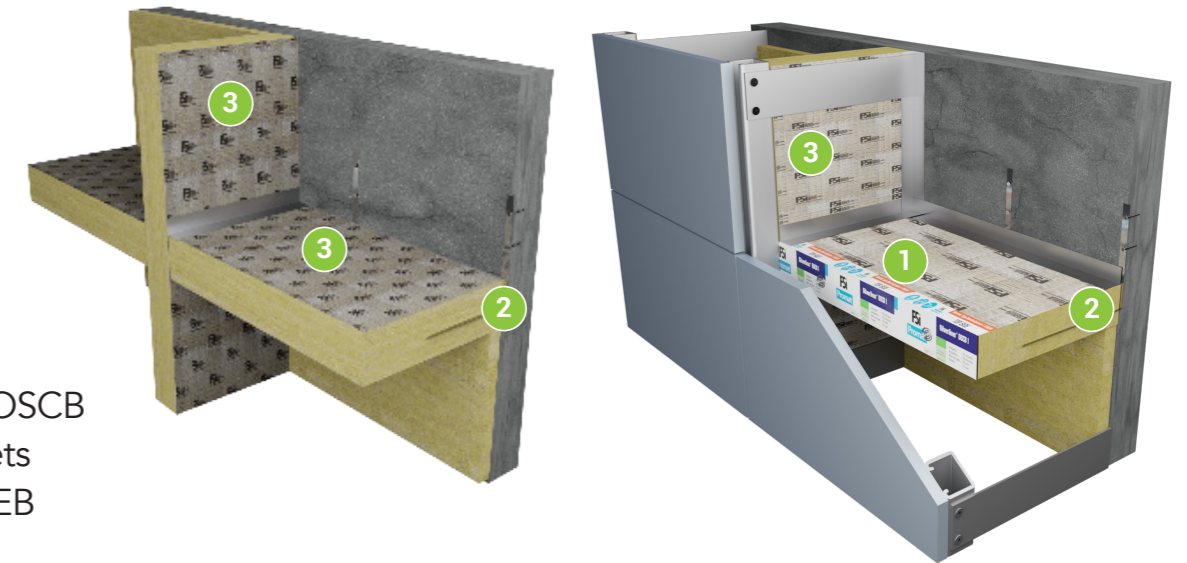
Paraflam UFCB-CCB-SEB

TS39 Fire Resisting Cavity Barriers Systems

Product Depth (mm)	Integrity (minutes)	Insulation (minutes)	Standard
75	30	30	EN1366-4
100	60	60	
120	120	120	

Product dimensions (W x L): 1200 x 1000mm
(pre-cut lengths available upon request)

FSi Promat Facades Cavity Barrier Systems



- 1 Silverliner® OSCB
- 2 Steel Brackets
- 3 Paraflam® SEB

For full installation guidance and technical details, please refer to the Technical Datasheet, available at fsiltd.com

Standards & Approvals

FSi Promat Silverliner® OSCB and Paraflam® satisfy the requirements of:

- England & Wales Approved Document B (2019 edition) Volume 1 item 5.20 and Volume 2 item 9.33 and diagram 9.1 (Provision for cavity barriers requires 30 minutes integrity and 15 minutes insulation)
- Northern Ireland Technical Document E (EI 30/15)
- Ireland Technical Guidance B (EI 30/15)
- Scotland Technical Handbook 2 (Provision for cavity barriers requires 30 minutes integrity only)

Contact Us

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