CAVITY BARRIER
PRODUCT GUIDE

FSi Promat

EVERY CLAD
NEEDS A
SILVERLINER®

FIRE SAFETY, NO COMPROMISE.

etex
inspiring ways of living

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 lastest industry knowledge and legislative requirements

Plus we offer:

- Fast delivery times
- Product training
- RIBA accredited CPDs
- Part of the Etex group; the UKs 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.

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Need access to datasheets and certification?
The latest versions are available at www.fsiltd.com

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
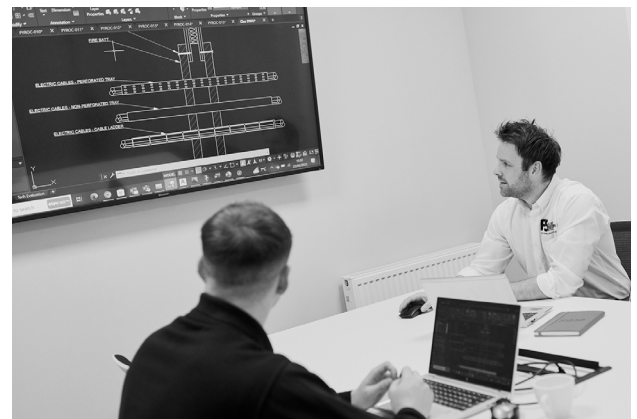
RIBA Accredited CPD

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:

Want to get the latest news and articles from FSi Promat?
Follow us on LinkedIn!

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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

IFC Certification ☑☑☑

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.

Need product training or interested in a CPD?
Contact our dedicated Facades Team to book in

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
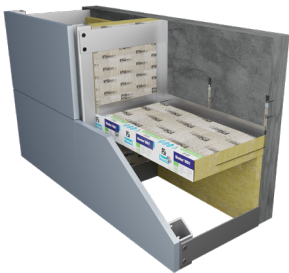
Silverliner® OSCB 2

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
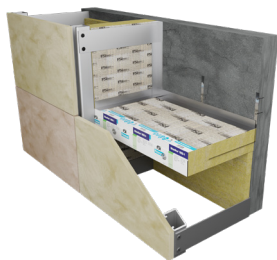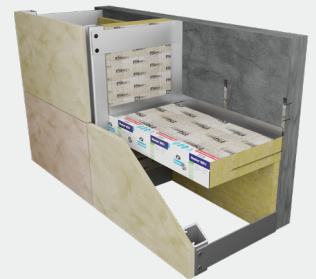
Silverliner® OSCB 4

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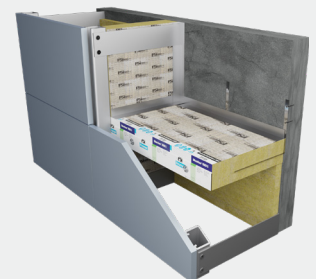
*50 - 77 mm voids are not included in the IFC third party certificate scope.

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

FSi Promat offer a large range of fire stopping solutions
To find out more, get in touch or visit www.fsiltd.com

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
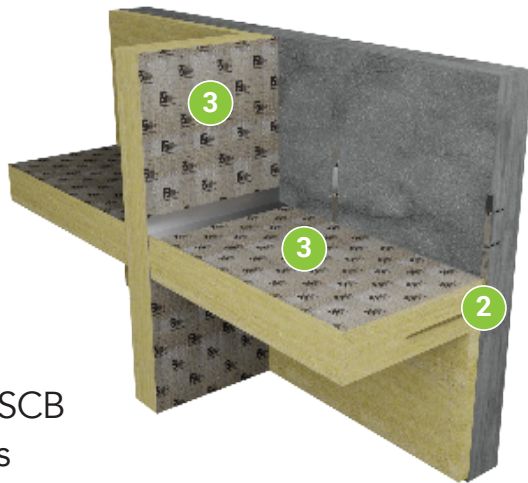- Euroclass 'A1' reaction to fire (when tested to EN13501-1)

Paraflam UFCB-CCB-SEB

TS39 Fire Resisting Cavity Barriers Systems

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

Our distribution hub at Firesafe & Sound in Grays, Essex
Delivers our fire stopping range next day nationwide!

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Contact Us

For a full list of who to contact or to find your regional account manager, visit: www.fsiltd.com/contact

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