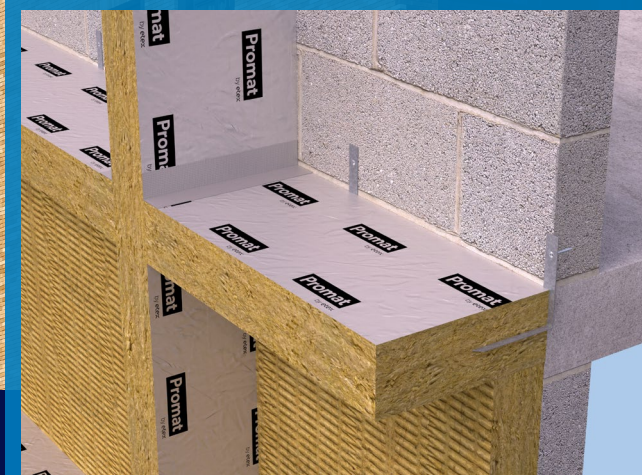


# Paraflam<sup>®</sup> SEB

## Closed State Cavity Barrier



Product handling guideline

# Paraflam® SEB

## Closed State Cavity Barrier

Paraflam Closed State Cavity Barriers protect the voids between the outer façade and the inner construction element of a building.

Designed for use in non-ventilated facades, and ventilated façades in conjunction with Silverliner OSCB; Paraflam SEB creates a barrier to slow the spread of fire and heat through hidden voids behind the external building facade for up to 120 minutes.

The boards are made up of stone wool with a foil facing, which restricts fibre migration and offers Class A1 Rating.



| Products |                          |
|----------|--------------------------|
| 1        | Paraflam® SEB            |
| 2        | Stainless Steel Brackets |

## General information

- Tested in accordance with EN1366-4
- Fire resistance of up to EI120
- UL-EU Certified
- Dry fit (no cure time)
- Systems to cover voids up to 550mm
- For use in non-ventilated facades (e.g. Masonry)
- For use in ventilated facades (e.g. rainscreen) as a vertical barrier
- **Brackets & fixing centres:**  
1.2m length = 2 brackets at 600mm centres
- Paraflam SEB must be fixed directly to the substrate - cutting through any insulation
- **Compression fitted:**  
**For standard applications:** the product must be installed with a minimum compression of 5mm.  
**For masonry applications:** with voids  $\leq 251$ mm, a minimum compression of 1mm is allowable.

## System installation details

In ventilated facades, Silverliner OSCB should be installed along horizontal compartment lines in conjunction with Paraflam SEB where vertical barriers are required - **vertical barriers must take precedence over horizontal barriers.**

In masonry facades, Paraflam SEB **must remain in contact along the external wall.**

Refer to drawings available at [promat.com](http://promat.com)

## Safety information

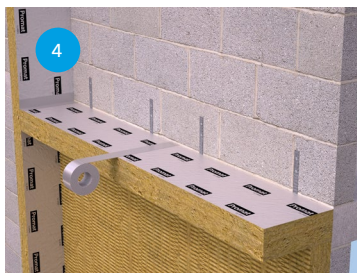
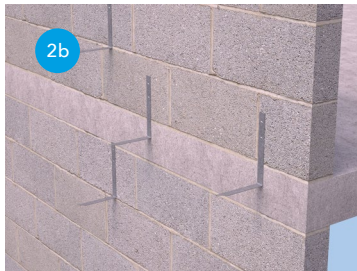
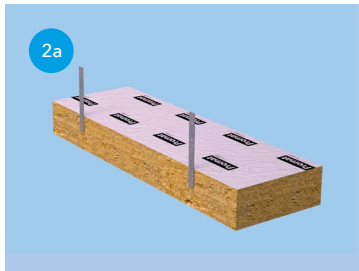
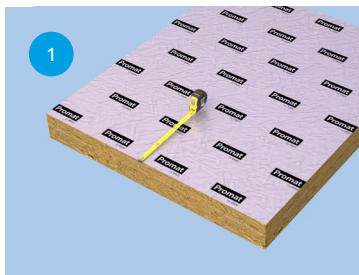
Safety information sheet available at [promat.com](http://promat.com)



### Use Cases:

- Ventilated applications: Where ventilation is required, Paraflam SEB is installed vertically in conjunction with Silverliner OSCB.
- Non-ventilated applications: Where ventilation is not required (e.g. masonry applications), Paraflam SEB is installed horizontally and vertically.

## Installation guideline



### Example of completed masonry system

Paraflam SEB



### Example of completed rainscreen system

Paraflam SEB (vertical)

Silverliner OSCB (horizontal)

Air gap between OSCB and cladding



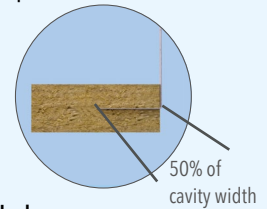
**Items required:** Paraflam SEB, foil tape, serrated blade, tape measure, screwdriver, stainless steel angle brackets (0.9mm or 1.5mm thick) and fire resistant fixings.

1 Measure the depth to ensure correct sizing - see required compression levels on page 1.

1a Cut horizontally to the required size.

2 **Installing Brackets:**

Determine the required number of brackets from the table below according to the length of Paraflam being installed.



Brackets should span a minimum of 50% of the cavity width and be positioned centrally within the height of the stonewool. Brackets should be affixed using at least 1 suitable fire resistant anchor in each bracket - see notes on page 1 for fixing centres.

Bend brackets by 90° then either;

2a Insert brackets into the board, then affix to the substrate.

Or

2b Affix brackets to the substrate first, then add the board.

3 Install further lengths tightly against each other - leaving no gaps between abutting pieces.

4 Tape over the top joints of all abutting lengths of Paraflam SEB with silver foil tape (tape is not required on the raw stonewool edge).

| Product Length | No. of Brackets |
|----------------|-----------------|
| 51mm - 599mm   | 1 bracket       |
| 600mm - 1200mm | 2 brackets      |

#### Installation Note:

For Paraflam lengths between 600mm and 1200mm, install 2 brackets with a maximum spacing of 600mm centres.

The products must be applied in accordance with regulations for construction material in general and fire stopping in particular, with the applicable national test certificates and approvals and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge and only after thorough review of the installation guidelines, safety data sheets, national test certificates and approvals. For additional information on how and where to use this product please refer to the classification report or contact your local Promat office. All the relevant documents can be obtained free of charge from the local Promat office. For Non European Union countries separate guidelines are relevant. If required please contact us.

### Contact us

If you'd like to speak to our team about your next project, then get in touch!

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More information and links to our  
façade spec packs are available at:

**[www.promat.com/en-gb/facades](http://www.promat.com/en-gb/facades)**

### Place an order

We offer next day delivery on Paraflam SEB, plus  
our fire stopping range, get in touch with our  
customer services team to place an order:

**E** [sales@firesafeandsound.com](mailto:sales@firesafeandsound.com)

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### Technical support

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