

**Nullifire**  
Smart Protection

# Cavity Barriers

## Product Catalogue



Construction  
Products Group  
Europe



# A Safe Space to Stop Fire Spread

**Nullifire's selection of closed and open state cavity barriers are tested to many construction materials. We offer a huge selection of high performance results, utilising different substrates, different insulation types and a variety of cavity widths and air gaps.**

The reactive material within our ventilated cavity products meets and exceeds the requirements of ASFPD19, and has been tested and assessed accordingly (certification / assessment can be provided on request).

Ventilated cavity barriers prevent the spread of fire and hot gases through the cavity wall, by sealing off the gap in the cavity when exposed to fire. Keeping the fire contained in a compartmentalized space for the specified period allows people the planned time to evacuate, and permits emergency services to confidently enter the building.

## KEY REQUIREMENTS

for selecting and specifying a cavity barrier product:

- 1. Determine ventilation requirements of the facade**
- 2. If open state, provide required air gap**
- 3. Advise us of the internal and external wall construction substrate types**
- 4. Confirm insulation type and thickness to be utilised within the cavity**
- 5. Qualify maximum width of the cavity (including building tolerances)**
- 6. Provide requirements for integrity and insulation performance**
- 7. Ensure suitability of internal substrate for stainless steel brackets**
- 8. Request horizontal and vertical barriers from the same supplier**
- 9. Ask for copies of third-party certifications or assessments**





## FV025 Small Ventilated Cavity Barrier

up to  
**60**  
mins

FV025 is used horizontally and for cavities up to 25 mm wide. In the event of a fire, it closes the remaining free air gap (in front of the 4 mm thick cavity barrier) of 21 mm.

### Features & Benefits

- Up to 60 minutes fire resistance tested to the principles of EN 1363-1 and in accordance with ASFPTGD19 guidance
- Lightweight- easy & quick to install
- Low smoke zero halogen high expansion intumescent material
- Not affected by moisture



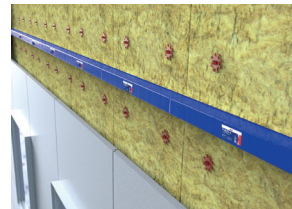
## FV225 Large Ventilated Cavity Barrier

up to  
**180**  
mins

FV225 is a specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal. It's used within a cavity of up to 450 mm with a maximum air gap of 25 mm (in front of the 4 mm thick cavity barrier).

### Features & Benefits

- Up to 180 minutes fire resistance tested to EN1363-1 and in accordance with ASFPTGD19 Guidance
- Fixing brackets included as standard
- Lightweight for easy and quick installations



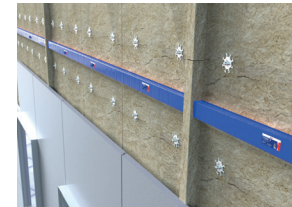
## FVI44 Large Ventilated Cavity Barrier

up to  
**180**  
mins

FVI44 is a specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal. It's used within cavity up to 450 mm with maximum air gap of 44 mm (in front of the 6 mm thick cavity barrier).

### Features & Benefits

- Up to 180 minutes fire resistance tested to the principles of EN1363-1 and in accordance with ASFPTGD19 Guidance
- Fixing brackets included as standard
- Lightweight for easy and quick installations



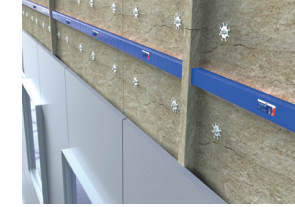
## FJ260 Cavity Barrier

up to  
**120**  
mins

FJ260 is a non-ventilated cavity barrier made of rock mineral wool. It is designed for use in cavities up to 595 mm and requires a minimum of 5 mm compression during installation.

### Features & Benefits

- Up to 120 minutes fire resistance tested to EN 1366-4 (up to EI 120)
- Reaction to Fire class A1
- SFS systems tested with calcium silicate or cement particle boards
- Suitable for use vertically and horizontally



## FV050 Small Ventilated Cavity Barrier

up to  
**120**  
mins

FV050 is used horizontally and for cavities up to 50 mm wide. In the event of a fire, it closes the remaining free air gap (in front of the 6 mm thick cavity barrier) of 44 mm.

### Features & Benefits

- Up to 120 minutes fire resistance tested to the principles of EN 1363-1 and in accordance with ASFPTGD19 guidance
- Lightweight- easy & quick to install
- Low smoke zero halogen high expansion intumescent material
- Not affected by moisture
- Specifically tested for hardie plank



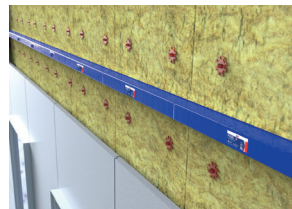
## FVI25 Large Ventilated Cavity Barrier

up to  
**180**  
mins

FVI25 is a specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal attached to the leading edge. It's used within a cavity of up to 450 mm and maximum air gap of 25 mm (in front of the 4 mm thick cavity barrier).

### Features & Benefits

- Up to 180 minutes fire resistance tested to the principles of EN1363-1 and in accordance with ASFPTGD19 Guidance
- Fixing brackets included as standard
- Lightweight for easy and quick installations



## FV065 Small Ventilated Cavity Barrier

up to  
**60**  
mins

FV065 is used horizontally to close off a cavity of 65 mm which allows for building tolerances of up to 15 mm (above the typical maximum cavity ventilation requirements of 50 mm).

### Features & Benefits

- Suitable for masonry and brickwork external substrates
- Ventilated design – allows maximum ventilation of uninsulated cavities reducing the need for cavity trays, socks or weepholes
- Lightweight- easy & quick to install
- Provided in rolls of 6.3 m long offering space and labour savings
- Moisture resistance packaging



Technical  
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