

CI/SfB	(29)	(K2)
CAW P10		
Uniclass JP10:L68114		

## Product Information

### Description

FV100 comprises of a rock mineral fibre carrier and a high pressure graphite manipulated intumescent composite. This is retained within a polymeric, branded (for product identification), waterproof adhesive encapsulant. The product remains dormant unless exposed to fire. The intumescent is capable of completely closing up to a 50 mm air space whilst maintaining 60 minutes fire integrity. Its simple fixing system allows for speedy installation on site.

The quoted free air space will be reduced locally by the width of the Intumescent material. 50 mm free air space will be reduced to 42 mm, 25 mm free air space will be reduced to 21 mm.

### Usage / Purpose

For use within rainscreen cladding systems to maintain compartment lines to the exterior of the building envelope.

### Dimensions and Colour

Size: 1200 mm length x 60 mm depth

Colour: Silver, black, red

### Availability

Direct from Tremco CPG UK Limited (see details on this TDS).

## Usage Guidelines

Always read SDS, pre-application guidance and relevant application detail prior to application. Ensure the latest documents are downloaded prior to every project commencement.

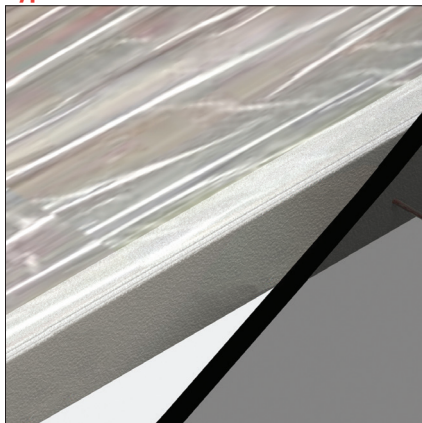
### Maximum Openings

Maximum overall cavity size 450 mm

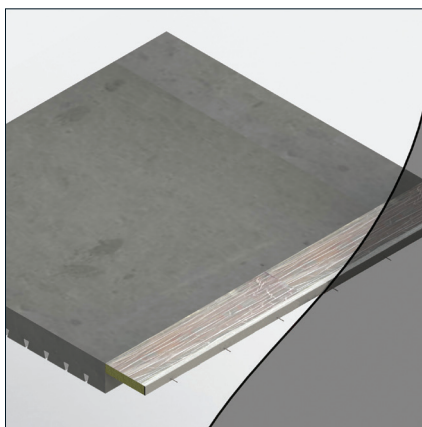
### Applications

FV100 is designed for inclusion within rainscreen cladding systems, the product has a simple spike fixing system and allows for free-flow air movement and the drainage of moisture. The free air flow prevents mould growth and dampness within the cavity. Specifically engineered, angled mounting brackets ensure no pooling water remains on the upper face of the product. FV100 is both lightweight and durable and requires no further maintenance. The backing material is non-hygroscopic

### Typical Details



Ventilated cavity



Ventilated cavity

and all upper and leading-edge faces are water resistant. Finish by sealing top edge to substrate with a durable and waterproof tape.

### Typical Service Types

For use within rainscreen cladding systems to maintain compartment lines to the exterior of the building envelope as recommended in Approved Document B.

### Typical Installation

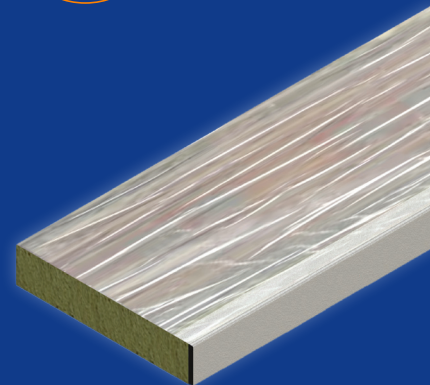
- For air space up to 25 mm, request FV100 60- 25.
- For air space up to 50 mm, request FV100 60- 50.
- Maximum overall cavity size: 450 mm.
- Reduction of free-flow air space can be accommodated by design specification.
- Rainbar spike must extended through the barrier into a minimum of 55% of the ventilated space. Maximum length will be defined by movement capability of outer cladding.

NOTE: The Integrity and Insulation rating of this product is limited to the capability of the surrounding substrates

**Nullifire**  
Smart Protection

**FV100**

**Ventilated Façade  
Large Cavity Closer**



### Key Benefits Summary

- Tested at Exova BM Trada to BS EN 1366-4  
Maximum free air space 50 mm
- Moisture proof covering, ensures easy installation in awkward situations
- Fully tested at BM TRADA up to 60 minutes integrity
- Lightweight and durable
- Maintenance free
- Requires mechanical fixings



# FV100

## Ventilated Façade Large Cavity Closer

**Nullifire**  
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### Fixings

- Fixing centres may not exceed 400 mm.
- Joint to joint fixing centres may not exceed 400 mm and may not be less than 100 mm from the joint.
- All pieces exceeding 600 mm require a minimum of 3 fixings.
- Minimum fixings cut pieces 300 mm - 600 mm = 2 (100 mm from joints). Smaller pieces always require two fixings at equal distance from centre line.
- Fixings should be located centrally through the depth of the product +/- 5mm to centre line.

### Storage

Store in shaded, dry conditions below 50°C.

### Shelf Life

50 years when stored as recommended.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on +44 (0)1942 251400.

### Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.