

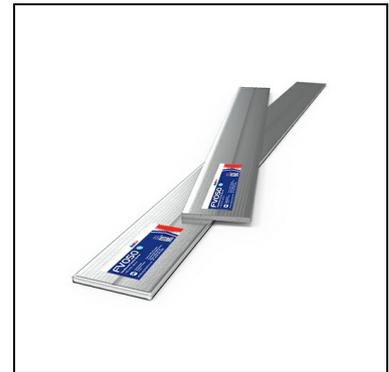
FV050

Small Ventilated Cavity Barrier

09-04-2025 / V 1

Description

FV050 Small Ventilated Cavity Barrier is suited to an open state cavity of up to 50 mm, manufactured from a directionally expansive intumescent material encapsulated in a foil barrier.



Features and Benefits

- Up to 120 minutes fire resistance tested in accordance with ASFP TGD19 guidance
- Allows maximum ventilation of cavities reducing the need for cavity trays or weepholes.
- Suitable for "open-state" ventilated cavities up to 50 mm wide.
- Lightweight - easy & quick to install
- Low smoke zero halogen high expansion intumescent material.
- Water repellent resistant.
- No maintenance required after installation.

Usage Purpose

FV050 is a fire rated product designed to act as an external wall cavity barrier at the required locations such as compartment floors, around windows, doors, etc. and within uninsulated cavities requiring permanent (open-state) ventilation. In the event of a fire FV050 will expand to close the external wall cavity, providing effective fire resistance, for integrity and insulation for up to 120 minutes depending upon the construction of the external walls. FV050 is designed for use within a 50 mm cavity, and once installed will close the remaining free air gap (in front of the 6 mm thick cavity barrier) of 44 mm.

Available Colour

Silver

Shelf Life

Unlimited when stored as recommended.

Certificates & Approvals

Kiwa 23997/06

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Technical Characteristics

Dimensions	Length: 1000 mm Height: 75 mm Thickness: 6 mm
Durability	Type X: intended for use at conditions exposed to weathering (also covers types Y1, Y2, Z1, Z2)
Working Life	60 years
Service Temperature	-20°C to +70°C
Storage	Store in dry shaded conditions between -10°C and +70°C.
Shelf Life	Unlimited when stored as recommended.

Substrate Preparation

Ensure the installation area is free from dust, oil and any corrosive material.
Check the mounting substrate is solid and free from damage and degradation before beginning.

Necessary Tools

Masonry drill

Preparation

Double check for any obstructions, ensure that if there are any that could allow fire to pass vertically, they are fire stopped separately using an approved and applicable Fire Stopping product.

Application

Affix the product using 5 mm Ø stainless steel screws or nails at a maximum spacing of 250 mm using a maximum countersunk head size of 16 mm. Position of first screw should be maximum 125 mm from one end, maximum 250 mm centres (4 screws per linear meter). When less than 1 meter, fixings should be positioned at maximum 125 mm centres. For lengths less than or equal to 250 mm in length, a minimum of 2 fixings are required.

Tighten any fastenings until the head is just touching the product, it should not be overtightened as this may damage the strip. When attaching to a solid substrate ensure that the fixings are along the centre line of the fire barrier and the labelled side is facing out into the cavity. (So that you can read the label once the fire barrier is installed).

If adding additional lengths, ensure they are tightly butted up against each other.

Please Note

Intumescent cavity barriers are tested and designed to expand outwards, from the face of the intumescent material only, additional design details will be required to account for external corner.

The cavity barrier should not be penetrated by anything other than the mechanical fixings which are used to fix the cavity barrier to the building.

The cavity barrier should be installed onto a flat surface, with no gaps behind the cavity barrier, the maximum space in front

Technical Data Sheet

FV050

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of the cavity barrier should not be greater than 44 mm.

Our technical support should be consulted in any instance where the principal designer is uncertain as to any issues which may impede the ability of the cavity barrier to perform as expected.

Maintenance

No active maintenance required. Where alterations are made around the product it should be checked visually to ensure that the product is still installed as per the approved original design and fitting instructions at the time of original installation.

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. It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

Health And 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 01942 251400.