

Rainbar Pro

Open State Cavity Barrier

Integrity
up to
60
minutes



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

Description

Comprises of engineered, powder-coated and galvanized steel carrier. The carrier retains a high pressure graphite manipulated intumescent composite. The product remains dormant unless exposed to fire. The intumescent is capable of completely closing up to a 100 mm air space whilst maintaining 60 minutes integrity. Its simple fixing system allows for speedy installation on site. It is extremely durable giving a service life equal to that of the building with no requirement for maintenance, unless physically damaged.

Dimensions and Colour

Size: 1200 x 105 x 15 mm.

Colour: red/black

Fire Testing

- Tested at Exova BM Trada to BS 476 Pt 20-22 and BS EN 1366-4

Maximum Openings

- Maximum opening 100 mm

Features

- Ultra-slim flange and body design ensures easy installation in awkward situations
- Fully tested at BM TRADA up to 60 minutes integrity and insulation
- No interruption of cavity ventilation

Applications

Rainbar Pro is designed for inclusion within rainscreen cladding systems. The product has a simple 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.

Typical Service Types

None expected. However, combustible pipework, steel pipework and cables can be accommodated.

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

Installation

For all gap widths between 40 and 100 mm.

Maximum air space 85 mm (based on 100 mm cavity).

Minimum air space 25 mm (based on 40 mm cavity).

Reduction of free flow air space can be accommodated by design specification.

NOTE: The Integrity and Insulation rating of this product is limited to the capability of the surrounding substrates, we do not permit the use of this product against combustible cladding.

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.

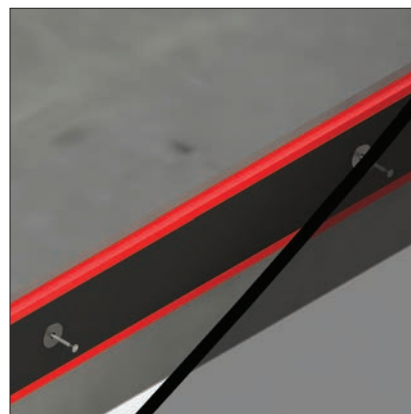
Minimum fixings cut pieces 300 mm - 600 mm = 2 (100 mm from joints). Smaller pieces always require two fixings at equal distance from centre line.

Fixings should be located centrally through the depth of the product +/- 5mm to centre line.

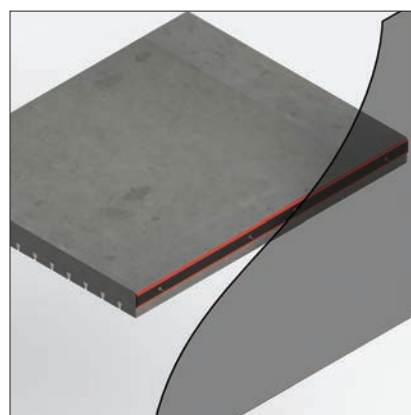
Storage & Shelf Life

Rainbar Pro has a 50 year shelf life when stored in shaded, dry conditions below 50°C.

Typical Details



Ventilated cavity



Ventilated cavity

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This data sheet offers guidance related to fire testing results and does not offer methodology of the installation of the product. Suitability of this product and its usage to substrate type, service type and fire requirement must be confirmed before installation commences. A specific detail relevant to installation must be requested. Firetherm recommend that all fire stopping products should be installed by a third party accredited fire stopping contractor or competent person. Full application details and methodology instructions should be requested before installation of this product commences. Standard terms and conditions apply at all times.

