

Rainbar 60 Range

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

Rainbar 60 is a high pressure graphite-manipulated intumescent composite retained within its carrier by a polymeric water proof encapsulate. 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. Rainbar 60 is both lightweight and durable and requires no further maintenance. The product requires no further sealing.

Dimensions and Colour

Size: 1200 x 60 x 8 mm (50 mm cavity)
maximum cavity 58 mm

Size: 1200 x 60 x 4 mm (25 mm cavity)
maximum cavity 29 mm

Colour: red/white

Fire Testing

- Tested at Exova BM Trada to BS EN 1363-4

Maximum Air Space

- Maximum free air space 50 mm

Features

- Ultra-slim design ensures easy installation in awkward situations
- Fully tested at Exova BM TRADA up to 60 minutes integrity
- Lightweight and durable
- No maintenance, no further sealing required

Applications

Rainbar 60 is designed for inclusion within rainscreen cladding systems, the product has a screw 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. Whilst the polymeric encapsulation ensures pooling water does not remain on the face of the product.

Typical Service Types

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

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

Installation

For air space up to 25 mm, specify Rainbar 60 - 25.

For air space up to 50 mm, specify Rainbar 60 - 50.

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.

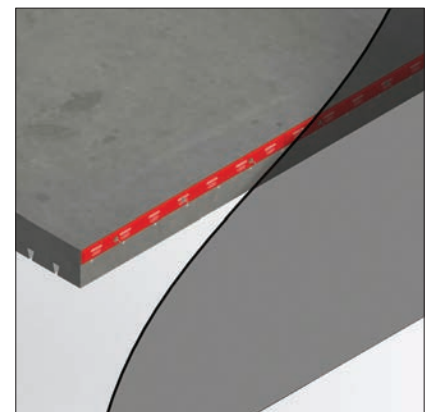
Storage & Shelf Life

Rainbar 60 Range 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.

