

TECHNICAL DATA SHEET

Intumescent Strip (T) Ventilated or Drained Cavity Fire Barrier

Product Code: ESPS-TS-i20lm (up to 25mm cavities)



SPS ENVIROWALL PROMOTES THE RE-USE –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA THE ENVIRONMENTAL RECYCLING SCHEMES LOCAL TO SITE.

Characteristics

SPS Envirowall Cavity Fire Barrier is a rigid, high expansion intumescent strip encased in aluminium foil. It is used to maintain a drained or ventilated cavity within the SPS Envirowall TS Rail, Timber Framed, CS1, CS2 and RendaClad systems. In the event of fire, the cavity fire barriers when subjected to heat, the intumescent material reacts producing a barrier stopping the fire from passing horizontally or vertically within the cavity to prevent hidden fire spread behind the systems. The size of Intumescent Tape required depends on the width of the cavity and fire resistance requirements.

Technical Data

ESPS-TS-i20lm

Intumescent Ventilated or Drained Cavity Fire Barrier for up to 25mm Cavities

Dimensions 4 mm x 35 mm x 1000 mm

- Age Tested
- 120 min Fire Rated in non-combustible constructions
- 30 min Fire Rated in Timber Frame

Substrate

Materials must be clean and dry.

Application

It is used to maintain a drained or ventilated cavity within the SPS Envirowall TS Rail, Timber Framed, CS1, CS2 and RendaClad systems. It is applied at locations along the façade where required to compartmentalise the cavity in order to control the passage of fire.

- Fix the Intumescent Strip with non-combustible nails or screws.
- Maximum screw head diameter is 11.5 mm (trumpet/countersunk type head only).
- Product must be fixed at maximum 250 mm centres.
- Fixings must be along centre line of the Fire Barrier.
- Ensure label side is facing out into cavity.
- Adjacent lengths must be tightly butted.
- Ensure Fire Barrier is free to expand in a fire situation.

Storage

Store in a dry place.

Certificates/approvals

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Manufactured to various testing standards at independent testing bodies including the BRE and Exova Warrington Fire, on a variety of construction types and are tested to standards including BS476: Parts 20 and 22, EN 1363-1: 1999, EOTA TR31, assessed to TGD19 'open state cavity barriers' to ASFP standards for ventilated facades.

Identification

Supplied in 1 metre strips encased in aluminium foil.

Special Information

Disposal

RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Do not empty contents into the ground, water courses or drains. Check local landfill requirements for correct disposal. See the SPS Envirowall Limited Health & Safety data sheet on this product for information regarding the safe disposal of this product.

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected.

The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.