BUILDING TRUST

PRODUCT DATA SHEET

Sika® Backer Rod Fire

Backing rod for fire resistant joint sealing

PRODUCT DESCRIPTION

Sika® Backer Rod Fire is a circular, compressible, mineral wool based backing rod wrapped with a glass fibre yarn.

USES

Sika® Backer Rod Fire is used as a:
- Backing rod for fire resistant joint sealing in horizontal and vertical building structure applications.
- Backing rod in conjunction with any Sika sealant including any Sika owned brands.

Please note:
- The Product may only be used by experienced professionals.

CHARACTERISTICS / ADVANTAGES

- Easy to apply.
- Up to 4 hours fire resistance depending on the configuration.
- Adapts to joint width and alignment irregularities.
- Helps to regulate the sealant profile.

APPROVALS / STANDARDS

- CE marking and declaration of performance based on European Technical Assessment ETA 23/0088. ETA issued on the basis of EAD 350141-00-1106 Linear joint and gap seals.
- European Technical Assessment ETA - 23/0088 of 31/03/2023.

PRODUCT INFORMATION

Chemical Base	Mineral fibre wool wrapped in a glass fibre yarn.
Packaging	**Diameter** / **Roll length** 12 mm / 50 m 15 mm / 50 m 20 mm / 30 m 30 mm / 30 m 40 mm / 30 m 50 mm / 25 m 60 mm / 25 m Refer to the current price list for available packaging variations.
Shelf Life	6 years from the date of production.
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between -20 °C and +70 °C. Always refer to packaging.
Appearance / Colour	Circular profile.

Dimensions

Reference must be made to limitations regarding dimensions and configuration described in the ETA 23/0088.
The Product must be installed at a minimum compression rate of 15 %.
Select the correct diameter using the following table:

Joint width	Diameter
7–10.2 mm	12 mm
9–12.7 mm	15 mm
12–17 mm	20 mm
16–25.5 mm	30 mm
24–34 mm	40 mm
32–42.5 mm	50 mm
40–51 mm	60 mm

Density ~250 kg/m³

TECHNICAL INFORMATION

Reaction to Fire	A1	(EN 13501-1)

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

APPLICATION

IMPORTANT
Strictly follow installation procedures
Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

Preconditions
The ends of adjoining rods and at detailing locations such as corners must be in tight contact with each other to maintain maximum fire resistance.

1. Place the oversized backer rod into the joint and push with a blunt tool to tightly fit against the joint sides at the required depth.
2. Seal the joint with a Sika® sealant. Refer to individual Product Data Sheets.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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