

# PRODUCT DATA SHEET

## Sika® Backer Rod Fire

### BACKING MATERIAL FOR FIRE RESISTANT JOINT SEALING

#### DESCRIPTION

Sika® Backer Rod Fire is a workable, mineral wool based backing material wrapped with a glass-fibre yarn.

#### USES

Sika® Backer Rod Fire is designed for fire resistant joint sealing in horizontal and vertical building structures. Sika® Backer Rod Fire is used in conjunction with SikaHyflex®-250 Facade or Sikaflex® AT Connection.

#### CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Adapts irregularities of joints

#### APPROVALS / CERTIFICATES

- EN 1366-4, up to 4 hours fire resistance
- EN 13501-2, up to class EI 240
- ETAG 026 part 3 - ETA 17/0980, up to class EI 240
- EN 13501-1, class A1

#### PRODUCT INFORMATION

<b>Chemical base</b>	Mineral fiber wool wrapped with glass fiber yarn.
<b>Packaging</b>	Box with 1 roll of 20 m
<b>Appearance / Colour</b>	Round profile supplied in rolls
<b>Shelf life</b>	Sika® Backer Rod Fire has a shelf life of 72 months from the date of production, if it is stored in undamaged, original, sealed packaging, and if the storage conditions are met.
<b>Storage conditions</b>	Sika® Backer Rod Fire shall be stored in dry conditions, where it is protected from direct sunlight and at temperatures between +5 °C and +25 °C.
<b>Density</b>	~250 kg/m <sup>3</sup> (EN 1602)

## Dimensions

For joint dimensioning see ETA 17/0980 and/or method statement. Sika® Backer Rod Fire must be installed at a minimum compression rate of 15 %. In order to select the correct diameter of Sika® Backer Rod Fire the following table shall be respected:

Joint width	Diameter Sika® Backer Rod Fire
7–10,2 mm	12mm
9– 2,7 mm	15 mm
12–17mm	20 mm
16–25,5 mm	30 mm
24–34 mm	40 mm
32–42,5 mm	50 mm
40–51 mm	60 mm

## TECHNICAL INFORMATION

### Reaction to Fire

A1

(EN 13501-1)

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

Sika® Backer Rod Fire shall be pushed into the joint with a blunt tool. To achieve maximum fire resistance between two pieces of Sika® Backer Rod Fire and in corners, Sika® Backer Rod Fire must be tightly fitted in the joint. Once Sika® Backer Rod Fire is in place, the remaining joint gap has to be sealed with SikaHyflex®-250 Facade or Sikaflex® AT Connection. For information regarding joint dimensions and fire rating classes see EN 13501-2 assessment report and/or ETA 17/0980.

For further information please refer to the Method Statement for Sika® Backer Rod Fire.

## FURTHER DOCUMENTS

- EN 13501-2 classification report
- ETA 17/0980
- Method Statement
- Brochure Sika Fire Protection Solutions

## LIMITATIONS

- Sika® Backer Rod Fire must be used in combination with SikaHyflex®-250 Facade or Sikaflex® AT Connection.
- Limitations regarding dimensions and configuration described in the EN 13501-2 classification report and/or ETA 17/0980 must be respected.
- Sika® Backer Rod Fire shall be used by professional applicators only.

## BASIS OF PRODUCT DATA

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

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please

consult the local Product Data Sheet for the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

### REGULATION (EC) NO 1907/2006 - REACH

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 this 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)

## 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.

**Sika Services AG**  
**Tüffenwies 16**  
8048 Zürich  
Tel: +41 58 436 4040  
[www.sika.com](http://www.sika.com)



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