

# PRODUCT DATA SHEET

## Sika® PEF Rod

### BACKING RODS FOR JOINTING REQUIREMENTS

#### DESCRIPTION

Sika® PEF Rod is manufactured from the highest quality closed cell polyethylene to produce a joint backing material primarily for use in conjunction with elastomeric sealants.

#### USES

Sika® PEF Rod is pushed into joint gaps to form a uniform and firm base for controlling the depth of gun applied elastomeric sealants such as Sikaflex. Sika® PEF Rod can be used for forming the base of vertical and horizontal joints in the following applications:

- Joints between precast concrete panels
- Saw cut joints in concrete floors
- Peripheral joints around aluminium and timber windows
- Around penetrations through walls and floors
- Expansion joints between bricks and masonry
- Can also be used for draught-proofing and dust-proofing of joints in situations where no other form of sealing is required

#### CHARACTERISTICS / ADVANTAGES

- Weather resistant
- No water absorption, closed cell
- No adhesion to sealants, sealant has unrestricted movement
- Approved for use in food areas (Australia Standard AS2170)
- Easy to install
- Wide range of sizes available
- Non toxic, odourless
- Resistant to most chemicals
- Easily compressible, good expansion
- Very light weight

#### PRODUCT INFORMATION

##### Chemical Base

Closed cell polyethylene foam.

##### Packaging

Sika® PEF Rod is available in the following sizes and lengths:

Diameter	Length per Roll
6 mm	20 m & 250 m
8 mm	20 m, 50 m & 250 m
10 mm	20 m, 50 m & 250 m
12 mm	20 m, 50 m & 150 m
15 mm	20 m, 50 m & 100 m
20 mm	20 m & 60 m
25 mm	25 m
30 mm	25 m
40 mm	2 m length
50 mm	2 m length

<b>Appearance / Colour</b>	White
<b>Shelf Life</b>	Indefinite
<b>Storage Conditions</b>	Store in original, unopened packaging in cool, dry conditions.
<b>Density</b>	37 kg/m <sup>3</sup>
<b>Chemical Resistance</b>	Unaffected by oils, petrol, sewage and most industrial chemicals
<b>Thermal Conductivity</b>	0.035 W/m.k.
<b>Service Temperature</b>	-40°C to +70°C

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

- The Sika® PEF Rod should have a diameter of 25 - 30% greater than the width of the joint to ensure that it remains firmly in place during sealant application.
- When installing the rod it is essential that a blunt instrument is used, to avoid cutting or puncturing the surface. Puncturing can cause bubbles to occur in the uncured sealant.
- The rod must be positioned to achieve a uniform and even, predetermined depth without any twists, bumps or gaps.
- During installation avoid excessive longitudinal stretching of the rod.
- Refer to the "Sikaflex Elastomeric Sealants" guide, for information on joint design and calculation of joint movement.

## BASIS OF PRODUCT DATA

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.

## 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.

## 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 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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