

PRODUCT DATA SHEET

Sika® Backer Rod Fire

Backing rod for fire resistant joint sealing

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 may only be used by experienced professionals.

- Designed as a backing rod for fire resistant joint sealing in horizontal and vertical building structure applications
- Applied in conjunction with SikaHyflex®-250 Facade.

CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Adapts to joint width and alignment irregularities
- Helps to regulate the sealant profile

APPROVALS / CERTIFICATES

- CE marking and Declaration to Performance to European Technical Assessment ETA 17/0980 based on EAD 350141-00-1106:2017 – Fire stopping and fire sealing products, linear joint and gap seal
- Resistance to fire classification EN 13501-2, Warringtonfire, Report No. 405212
- Reaction to fire classification, EN 13501-1, Exova Warringtonfire, Report No. 391173
- Resistance to fire classification, AS 1530.4, Exova Warringtonfire, Report No. FAS190278

PRODUCT INFORMATION

Composition	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 current price list for packaging variations.	
Appearance / Colour	Circular profile	
Shelf life	72 months 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.																	
Density	~250 kg/m ³	(EN 1602)																
Dimensions	<p>Note: Reference must be made to limitations regarding dimensions and configuration described in the EN 13501-2 classification report and / or ETA 17/0980</p> <ul style="list-style-type: none"> ▪ Sika® Backer Rod Fire must be installed at a minimum compression rate of 15 %. ▪ Select the correct diameter using the following table: <table border="1"> <thead> <tr> <th>Joint width</th> <th>Diameter</th> </tr> </thead> <tbody> <tr> <td>7–10.2 mm</td> <td>12mm</td> </tr> <tr> <td>9– 12.7 mm</td> <td>15 mm</td> </tr> <tr> <td>12–17mm</td> <td>20 mm</td> </tr> <tr> <td>16–25.5 mm</td> <td>30 mm</td> </tr> <tr> <td>24–34 mm</td> <td>40 mm</td> </tr> <tr> <td>32–42.5 mm</td> <td>50 mm</td> </tr> <tr> <td>40–51 mm</td> <td>60 mm</td> </tr> </tbody> </table> <p>Ensure the depth of the backing rod and the required depth of the sealant is considered in the joint design stage.</p>		Joint width	Diameter	7–10.2 mm	12mm	9– 12.7 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
Joint width	Diameter																	
7–10.2 mm	12mm																	
9– 12.7 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)
-------------------------	----	--------------

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.

FURTHER INFORMATION

- Resistance to fire classification, AS 1530.4, Exova Warringtonfire, Report No. FAS190278
- Regulatory Information Report, AS 1530.4, Exova Warringtonfire, Report No. FAS190278
- ETA 17/0980
- Sika Method Statement: Sika® Backer Rod Fire
- Sika passive fire protection handbook

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 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 METHOD / TOOLS

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

Important: 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 Sika® Backer Rod Fire 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 SikaHyflex®-250 Facade. Refer to individual Product Data Sheets.

LOCAL RESTRICTIONS

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

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 Australia Pty Limited

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48



Product Data Sheet

Sika® Backer Rod Fire

January 2021, Version 03.01

02051510000000003

SikaBackerRodFire-en-AU-(01-2021)-3-1.pdf

