

PRODUCT DATA SHEET

SikaRoof® Glass - Graphite Fleece

Glass Graphite fibre conductive and fire protection layer

DESCRIPTION

SikaRoof® Glass - Graphite Fleece is a conductive and fire protection layer made of non-woven glass / graphite fibre.

Suitable for use in hot and tropical climatic conditions.

USES

SikaRoof® Glass - Graphite Fleece may only be used by experienced professionals

- SikaRoof® Glass - Graphite Fleece is used as a conductive layer to facilitate vector mapping leak detection below Sarnafil® and Sikaplan® roofing membranes

FEATURES

- Easily applied
- Suitable for mechanically and ballasted roof systems



PRODUCT INFORMATION

Composition	Glass fibre embedded in thermoset black resin		
Packaging	Roll sizes: 2.00 m (roll width) × 50.00 m (roll length)		
Shelf life	5 years from date of production		
Storage conditions	Product must be stored in original unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +30 °C. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging.		
Appearance and colour	Rolled fleece.		
	Surface	Structured	
	Colour	Black	
Length	(50 ± 0.5) m		
Width	(2.00 ± 0.04) m		
Thickness	(1.05 ± 0.16) mm		(EN ISO 9073-2)
Mass per area	(120.0 ± 9.6) g/m ²		(EN 29073-1)

SYSTEM INFORMATION

System structure	The following products must be considered for use depending on roof design: <ul style="list-style-type: none">▪ Sarnafil® T Control Pipe set▪ Sarnafil® T Sensor Control Pipe set▪ SikaRoof® Control Pipe set PVC▪ SikaRoof® Sensor Control Pipe set PVC▪ SikaRoof® Control Contact plate▪ SikaRoof® Sensor active R▪ SikaRoof® Sensor active T▪ Sarnatape-60		
Compatibility	All types of Sarnafil® and Sikaplan® roofing membranes. Various types of thermal insulation boards e.g. EPS, XPS, PIR, Mineral wool.		

TECHNICAL INFORMATION

Tensile strength	Longitudinal	≥ 250 N / 50 mm	(EN 29073-3)
	Transversal	≥ 190 N / 50 mm	
Reaction to fire	Class A2		(DIN 4102)

APPLICATION INFORMATION

Ambient air temperature	-20 °C min. / +60 °C max.
Substrate temperature	-30 °C min. / +60 °C max.

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.

FURTHER INFORMATION

Refer to: SikaRoof® CONTROL – MONITORING / LEAK DETECTION SYSTEMS
Strictly follow installation procedures and working instructions which must always be adjusted to the actual site conditions.

IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika trained and approved contractors, experienced in this type of application.

- Do not use for permanent exposure to UV radiation.
- The use of SikaRoof® Glass - Graphite Fleece membrane is limited to geographical locations with average monthly minimum temperatures of -40 °C. Permanent ambient temperature during use is limited to +50 °C.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

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

SUBSTRATE PREPARATION

Substrate must be clean with all debris and dust removed.

APPLICATION

Loose lay SikaRoof® Glass - Graphite Fleece to the upper surface of the insulation boards.

Overlap adjoining sheets between 80 mm to 100 mm. Bond side and end laps with Sarnatape®-60 at regular intervals.

Set back the sheet 20 mm from all perimeter details, roof lights, ventilator upstands, roof outlets, soil vent pipes, or any other penetration or upstand details on the roof area.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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