

PRODUCT DATA SHEET

Sika® RCS Glass Fleece

Glass fibre conductive and fire protection layer

DESCRIPTION

Sika® RCS Glass Fleece is a conductive and fire protection layer made of non-woven glass fibre.

Sika® RCS Glass Fleece is used as a conductive layer to facilitate ILD vector mapping leak detection below Sarnafil® and Sikaplan® roofing membranes in combination with the SikaRoof® Control System.

USES

Sika® RCS Glass Fleece may only be used by experienced professionals.

FEATURES

- Easily applied
- Suitable for mechanically and ballasted roof systems

PRODUCT INFORMATION

Composition	Glass fibre embedded in thermoset black resin	
Packaging	Packing unit	Refer to price list
	Length	50 m
	Width	2 m
	Weight	~14 kg
	120 g/m ² (±8 %)	(EN 29073-1)
Appearance and colour	Non-woven structure / black	
Shelf life	If stored properly the product remains its properties.	
Storage conditions	Store horizontal in original unopened and undamaged sealed packaging under 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.	
Length	50 m	
Width	2 m (±2 %)	
Thickness	1,05 mm (±15 %) (EN 29073-2)	

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.

SYSTEM INFORMATION

System structure

The following products must be considered for use depending on roof design:

- Sarnafil® T or S-RCS set
- SikaRoof Control System (aktiv+)
- Sarnatape-60

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.

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

Sika® RCS Glass Fleece glass fiber mesh is laid loosely and bonded in sections with Sarnatape® 60 to ensure better electrical contact.
Overlap the sheet joints by 50 mm.

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 the 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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