

PRODUCT DATA SHEET

Sikagard® Special Mesh

MULTIAXIAL FABRIC FOR SIKA® LAMINATE SYSTEMS

DESCRIPTION

Multiaxial fiberglass fabric for Sika® laminated systems.
Improves crack-bridging ability of resinbased coatings.
Previously known as:
Sikagard® Betonol Spezialgewebe

USES

Sikagard® Special Mesh is used as part of the different Sika® resin coating build-ups, to improve crackbridging ability of coating systems.
Part of the Sika® Permacor®-3326 EGH laminate system.

CHARACTERISTICS / ADVANTAGES

- Easy and quick to use
- Chemical resistant
- Improves crack bridging ability of coating systems
- Improves mechanical resistance of coating systems

PRODUCT INFORMATION

Composition	Multiaxial fiberglass fabric	
Packaging	Roll dimensions	
	Wide:	1.25 m
	Length:	100 m
Shelf life	Unlimited shelf life when properly stored in original packaging.	
Storage conditions	Storage temperature between +5 °C and +35 °C. Store in a dry condition. Protect from moisture.	
Density	~310 g/m ²	

SYSTEM INFORMATION

Systems	<p>Sikagard® Special Mesh can be used as part of the different Sika® coating systems, to improve crack-bridging ability and therefore durability of concrete structures.</p> <p>Contact local Sika's Sales or Technical Department for recommendation of full system build-up for particular project requirements.</p>
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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

- Individual Product Data Sheets of system components.
- Substrate quality & Preparation: Please refer to Sika Method Statement: "EVALUATION AND PREPARATION OF SURFACES FOR FLOORING SYSTEMS".
- Application instructions for resin coatings: Please refer to Sika Method Statement: "MIXING & APPLICATION OF FLOORING SYSTEMS".

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 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

- Cut the Sikagard® Special Mesh according to the structural dimensions. Include an overlapping width of approx. 10 cm.
- Apply the Sikagard® Special Mesh into the embedding layer by hand and carefully embed it with a plastic trowel. Do not damage the fabric.
- Start from the centre of the Sikagard® Special Mesh sheet, pressing out any excess resin and entrapped air on the sides. Insure overlapping of Sikagard® Special Mesh by approx. 10 cm. Sikagard® Special Mesh and substrate must be completely wetted.
- Remove any excess resin.
- After embedding the Sikagard® Special Mesh, re-roll the whole surface with new mixed resin. This can be done wet-on-wet or next day. The applied surface must be free of air voids.

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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ISO 9001, 14001, 45001 –
Lloyd's Register
Sika S.A. LLC
Sika International Chemicals LLC
SIO 9001, 14001, 45001 – SGS
Sika Gulf S.S.C. O.
ISO 9001, 14001 – SGS
Sika Saudi Arabia Limited

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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