

## PRODUCT DATA SHEET

# Sika® Fabric-50

### GLASS FIBRE FABRIC FOR WATERPROOFING AND COATING APPLICATIONS

#### DESCRIPTION

Sika® Fabric-50 is woven fibre glass fabric, coated with unique alkali resistant white resin coating. It is a bi-directional, light weight, high tensile strength fabric that does not rot, tear or wear and can be used for a wide range of applications in the construction industry. This product was earlier known as Sika® Fab-1.

#### USES

Sika® Fabric-50 is used as reinforcement for:

- Cementitious polymer modified waterproofing slurry coating systems like Sika® Cemcrete, Sika® Raintite I, SikaLatex®, SikaLatex® Power, SikaLatex® SBR
- SikaTop® Seal System and Sika® Flexicoat 1K
- Roof waterproofing Coatings like Sika® CoolCoat, Sikalastic®-450 (I) & Sikalastic®-560
- Various polymer modified mortars using SikaLatex® Power, Sika® Raintite I, SikaLatex®, SikaLatex® SBR
- Sikagard® Coating System
- Sikagard® Lining System
- Pipeline joint wraps
- Bituminous coatings
- Double coat plaster applications, as an alternative to chicken wire mesh
- Reinforcing stucco & other types of plaster
- Other custom applications

#### CHARACTERISTICS / ADVANTAGES

Sika® Fabric-50 has the following advantages :

- Enhances tensile strength in waterproofing system
- Flexible and tough
- Chemical resistant (Alkali Resistant)
- Mildew proof
- Compatible with most of the Sika® cementitious, Sika® liquid applied membranes / coatings, Sika® epoxy based protective coatings

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Woven glass fibre with white alkali resistant resin coating
<b>Packaging</b>	1 meter x 50 meter rolls packed in plastic foil
<b>Appearance / Colour</b>	White net
<b>Shelf Life</b>	24 months from date of production
<b>Storage Conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions. Protect from frost and direct sunlight.
<b>Length</b>	50 ± 0.25 m

Width 1 ± 0.02 m

Thickness ~ 0.13 mm

Mass per Unit Area ~ 50 g/m<sup>2</sup>

## TECHNICAL INFORMATION

Opening Size 2.5 mm x 2.5 mm (approx. mesh size)

System Structure Please refer to individual Product Data Sheet or contact Sika® Technical Service for system structure.

### APPLICATION METHOD / TOOLS

- Sika® Fabric-50 has to be applied on green / freshly applied coating systems like Sika® CemCrete, Sika® RainTite I, SikaLatex®, SikaLatex® Power, SikaLatex® SBR, SikaTop® Seal-107 IN, SikaTop®-107 Seal Plus IN, SikaTop® Seal-109 hi, Sika® CoolCoat, Sikalastic®-560, Sikalastic®-450 (I), Sika® Flexicoat 1K etc.
- Before application the fabric should be cut as per the required length. The cut pieces should be rolled again.
- After the coating or liquid membrane has been applied, the fabric should be spread from one end and embedded by roller or brush.
- In the same process other pieces of fabric should be applied adjacent to the previous one, make an overlap of ≥ 20 mm along the entire length & width wherever required.
- After the first coat of membrane and fabric application is complete allow the membrane to harden. Then apply the second coat of the slurry coating system and allow to dry.
- Further coats must be applied in similar fashion as per product recommendations.
- In case multiple layers of Sika® Fabric-50 are recommended to be used, apply it when coating is green / freshly applied and allow to harden / cure as per procedure.

### CLEANING

Clean all tools and application equipment immediately after use with suitable solvent like water, turpentine, thinner, etc. depending on the nature of chemical used.

### 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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

### ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related 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 India Pvt. Ltd.

620, Diamond Harbour Road  
Commercial Complex II  
Kolkata - 700 034  
Tel : +91 33 24472448  
Fax : +91 33 23978688  
Mail : info.india@in.sika.com



#### Product Data Sheet

Sika® Fabric-50  
May 2020, Version 01.01  
020706801000000015