

PRODUCT DATA SHEET

Sikalastic® Fleece-50

Polyester fleece reinforcement for Sikalastic® Liquid Applied Membrane systems

DESCRIPTION

Sikalastic® Fleece-50 is a non-woven geotextile polyester fleece used as reinforcement with the liquid applied waterproofing systems.

USES

- Reinforcement for Sikalastic® Systems
- For new construction and refurbishment projects
- For roofs with many details and complex geometry, even when accessibility is limited

FEATURES

- Ensures the correct thickness of the base coat
- Enhance the crack-bridging properties of the system
- Enhance mechanical properties of the system

PRODUCT INFORMATION

Composition	100 % Polyester	
Packaging	Roll width	0.17 and 1.02 m
	Roll length	100 m
Colour	White	
Shelf life	Product does not expire if correctly stored	
Storage conditions	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25 °C.	
Density	45–55 g/m ²	(EN ISO 9864)

TECHNICAL INFORMATION

Tensile strength	Longitudinal (md)	14 N / 5 cm
	Transversal (cmd)	12 N / 5 cm
Elongation	Longitudinal (md)	40 %
	Transversal (cmd)	50 %

APPLICATION INFORMATION

Ambient air temperature	Minimum	+5 °C
	Maximum	+35 °C
Relative air humidity	≤ 85 % r.h.	
Substrate temperature	Minimum	+5 °C
	Maximum	+35 °C

SYSTEM INFORMATION

System structure	For detailed information regarding system build-ups, please refer to the System or Product Data Sheet of the Liquid Applied Membrane.
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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.

IMPORTANT CONSIDERATIONS

- Sikalastic® Fleece-50 is designed for use with Sikalastic® Liquid Applied Membrane
- Performs and installs more easily when applied to a smooth, low texture surface
- Limitations will be dictated by the individual Sikalastic® liquid being used – Please consult relevant PDS
- Keep dry. Do not allow the Sikalastic® Fleece-50 to become wet before or during application

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).

SUBSTRATE QUALITY

The surface must be sound, of sufficient strength, clean, dry and free of dirt, oil, grease and other contamination. Depending on the material, the substrate must be primed or mechanically cleaned. Grinding may be necessary to level the surface. Suitable substrates are such as: concrete, bituminous felts and coatings, metal, brickwork, asbestos cement, ceramic tiles, wooden substrates.

For detailed information regarding substrate preparation and primer chart, please refer to the Method Statement of the corresponding Liquid Applied Membrane system.

APPLICATION

Prior to the application of the Sikalastic® Liquid Applied Membrane, the priming coat if used must have cured tack-free. For the Waiting Time / Overcoating please refer to the PDS of the appropriate primer. Damageable areas (handrails etc.) have to be protected with tape or plastic wrapping.

Sikalastic® Fleece-50 is applied in combination with Sikalastic® Liquid Applied Membrane systems.

1. Apply the first coat of Sikalastic® Liquid Applied Membrane with a consumption rate according to the PDS of the Liquid Applied Membrane. Work only so far in advance that the material stays liquid.
2. Roll in the Sikalastic® Fleece-50 and ensure that there are no bubbles or creases. Overlapping of Sikalastic® Fleece-50 must be minimum 5 cm and ensure overlaps are sufficiently wet to bond.
3. The roller may require only a little extra material to remain wet, but no further significant material needs to be added at this stage. It is important the fleece does not lift during installation – on some surfaces a spiked roller may assist installation.
4. After the coat is dry enough to walk on, seal the roof area with the second coat of Sikalastic® Liquid Applied Membrane with a consumption rate according to the PDS of the Liquid Applied Membrane. Please note, always begin with details prior to starting with waterproofing the horizontal surface. For details, follow step 1–3.

For detailed application information, please refer to the Method Statement of the corresponding Liquid Applied Membrane system.

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 – SGS:
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- Sika International Chemicals LLC
- Sika Gulf B.S.C. (c)
ISO 9001, 14001 – SGS:
- Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV:
- Sika UAE LLC (Branch)
ISO 9001 – SGS:
- Sika MB LLC

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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