

PRODUCT DATA SHEET

Liquid Flashing Fleece

Liquid Flashing Fleece is non-woven, needle-punched polyester fleece used as the reinforcement for Sika's liquid flashing details

PRODUCT DESCRIPTION

Liquid Flashing Fleece is non-woven, needle-punched polyester fleece used as the reinforcement for Sika's liquid flashing details in Sarnafil® and Sikaplan® roofing systems.

USES

Reinforcing fleece for Sika's liquid flashing details

AREAS OF APPLICATION

- Details that are difficult to flash with a sheet membrane
- Angle Iron
- I-Beam
- Close Multiple Conduits

CHARACTERISTICS / ADVANTAGES

- Adds strength and durability to the flashing detail
- Conforms well to flashing detail

PRODUCT INFORMATION

Chemical Base	Polyester fleece
Packaging	13.8" x 164 ft (35 cm x 50 m) roll, 4.7 lbs (2.1 kg) per roll, 58 rolls per pallet
Appearance / Color	White
Shelf Life	N/A
Storage Conditions	Store in a cool and dry location. Store flat to avoid deforming rolls and creasing fabric.
Thickness	30 – 40 mil (0.8 – 1.0 mm)
Unit weight	4.2 oz/yd ² (100 g/m ²)

TECHNICAL INFORMATION

Resistance to Static Puncture	> 240 N	
Tensile Strength	≥ 130 & 150 lbs MD & CMD ¹	(ASTM D-1682)
	¹ MD = Machine Direction, CMD = Cross Direction	
Elongation at Break	≥ 50 & 70% MD & CMD ¹	(ASTM D-1682)
	¹ MD = Machine Direction, CMD = Cross Direction	
Resistance to Tearing (nail shank)	> 200 N	(ASTM D-1117)
Water Absorption	< 1%	

APPLICATION INSTRUCTIONS

APPLICATION

1. Pre-cut Liquid Flashing Fleece to fit around the penetration. Vertical flashing pieces must extend 2" (51 mm) from the base onto the horizontal and horizontal flashing pieces must extend 4" (10.2 cm) out from the base of any penetration. Flashing height should be a minimum of 8" (20.3 cm). Horizontal flashing fleece pieces must extend a minimum of 4" (10.2 cm) beyond the leading edge of the penetration, or a minimum of 2" (51 mm) beyond the edge of the fastening plate. Add 2" (51 mm) for the overlap with adjoining pieces.
2. Once the edges of the fleece are determined, mark a line on the membrane ½" (13 mm) beyond the edge of the fleece and apply painter's tape. This will accommodate the ½" (13 mm) of non-reinforced Liquid Flashing needed to terminate to the membrane.
3. With the tape in place, clean the membrane within the area using Sika's Seam Cleaner, acetone, or methyl ethyl ketone (MEK) including the plates and the penetration.
4. Mix and apply catalyzed Liquid Flashing SW or Liquid Flashing WW. Refer to the Liquid Flashing SW and Liquid Flashing WW product data sheets for mixing instructions and application procedures.
5. Using a small ½" (13 mm) nap roller with rounded edges or 2" (51 mm) disposable paint brush apply 55 mils (1.4 mm) of catalyzed Liquid Flashing onto the penetration up to the finished flashing height and 2" (51 mm) onto the roof membrane.
6. Embed the pre-cut vertical Liquid Flashing Fleece into the wet Liquid Flashing. Use the roller or brush to eliminate wrinkles and air bubbles while completely saturating the Liquid Flashing Fleece. Apply additional catalyzed Liquid Flashing at the 2" (51 mm) overlap between the vertical Liquid Flashing Fleece layers.
7. Apply 55 mils (1.4 mm) of catalyzed Liquid Flashing onto the roof membrane extending slightly onto the painter's tape. Also coat the 2" (51 mm) fingers from the vertical Liquid Flashing Fleece.
8. Embed the pre-cut horizontal Liquid Flashing Fleece into the wet Liquid Flashing. Use the roller or brush to eliminate wrinkles and air bubbles while completely saturating the Liquid Flashing Fleece. Apply additional catalyzed Liquid Flashing at the 2" (51 mm) overlap between the horizontal Liquid Flashing Fleece layers.
9. Apply 25 mils (0.6 mm) of catalyzed Liquid Flashing over the entire exposed vertical and horizontal flashing fleece terminating at the finished flashing height on the vertical and onto the painter's tape on the roof. Make sure the fleece is fully saturated without any dry spots.
10. Remove the painter's tape immediately after applying the final 25 mils (0.6 mm) of catalyzed Liquid Flashing.

COVERAGE

188 ft² (17 m²) coverage per roll

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspections of flashings, drains, and termination sealants at least twice a year and after each storm.

AVAILABILITY/WARRANTY

AVAILABILITY

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

WARRANTY

Upon successful completion of the installed roof by the Sika Authorized Applicator, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

LIMITATIONS

- Use only with Liquid Flashing SW or Liquid Flashing WW

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

Sika Sarnafil
100 Dan Road
Canton, MA 02021
Phone: +1 800-451-2504
Fax: +1 781-828-5365
usa.sika.com/sarnafil
webmaster.sarnafil@us.sika.com

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



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