

PRODUCT DATA SHEET

Sarnafelt NWP Separation Layer

SARNAFELT NWP SEPARATION LAYER IS A GEOTEXTILE FABRIC OF NON-WOVEN POLYPROPYLENE

PRODUCT DESCRIPTION

Sarnafelt NWP Separation Layer is a high quality geotextile fabric of non-woven polypropylene. Sarnafelt NWP Separation Layer is installed between the waterproofing membrane and the extruded polystyrene (XPS) insulation. It can also be used between the waterproofing membrane and protection layers. It is intended to act as separation between products and also to increase the puncture resistance of the waterproofing assembly.

USES

To act as a separation layer between Sika Sarnafil® products, mainly extruded polystyrene insulations and Sarnafil® membranes

Areas of Application

- Waterproofing Systems
- New Roofs
- Recover Roofs
- Replacement Projects

CHARACTERISTICS / ADVANTAGES

- Increases puncture resistance of a waterproofing assembly
- Compatible with all Sarnafil® membranes

PRODUCT INFORMATION

Chemical Base	Sarnafelt NWP Separation Layer is a geotextile fabric composed of 100 % recycled polypropylene fibers tightly knit together. The tight needle punch produces a fabric which is highly resistant to puncture. The polypropylene is naturally resistant to most chemicals, and is particularly resistant to high alkaline exposure.
Recycled Content	Up to 90 % Post-Consumer Up to 20 % Post-Industrial
Packaging	Wrapped in a protective film, 75 lbs (34 kg) per roll
Shelf Life	N/A
Storage Conditions	N/A
Dimensions	Width: 90" (2.3 m) Length: 135 ft (41.1 m)
Thickness	0.160" (4.1 mm) (ASTM D-1777)
Unit weight	9 oz/yd ² (0.06 lb/ft ² , 305 g/m ²) (ASTM D-3776)

TECHNICAL INFORMATION

Tensile Strength	70 & 140 lbf (311 & 622 N) MD & CMD ¹ ¹ MD = Machine Direction, CMD = Cross Machine Direction	(ASTM D-5034)
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APPLICATION INSTRUCTIONS

APPLICATION

Sarnafelt NWP Separation Layer is installed by an authorized Sika Sarnafil® Waterproofing Applicator. Sarnafelt NWP Separation Layer is typically loose-laid and lapped 4" (102 mm) over the previous roll.

MAINTENANCE

Standard maintenance of Sarnafil and Sikaplan systems should include 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

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.sarnafil.sika.com
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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