



PRODUCT DATA SHEET

Sarnafelt NWP Separation Layer

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.

WHERE TO USE

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

Composition / Manufacturing

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, 34 kg (75 lbs) per roll

Shelf Life

N/A

Storage Conditions

N/A

Dimensions

Width: 2.3 m (90 in)
Length: 4.1 m (135 ft)

Thickness	4.1 mm (0.160 in)	(ASTM D-1777)
Unit weight	305 g/m ² (9 oz/yd ²)	(ASTM D-3776)

TECHNICAL INFORMATION

Tensile Strength	311 & 622 N (70 & 140 lbf) MD & CMD ¹ ¹ MD = Machine Direction, CMD = Cross Machine Direction	(ASTM D-5034)
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BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

OTHER DOCUMENTS

Availability

Sarnafelt NWP Separation Layer is available directly from Sika Canada Authorized Applicators when used within a Sika® Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit our website at www.sika.ca for further information.

Warranty

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

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

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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 102 mm (4") 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.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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