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.

**PRODUCT INFORMATION**

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

**AREAS OF APPLICATION**
- New Roofs
- Recover Roofs
- Mechanically Fastened Systems
- Adhered Systems

**FEATURES / BENEFITS**
- Increases puncture resistance of a waterproofing assembly
- Compatible with all Sarnafil membranes

**PRODUCT DATA**

**FORM**

**COMPOSITION**
Sarnafelt NWP 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.

**DIMENSIONS**
- Width: 90 in (2.3 m)
- Length: 135 ft (41.1 m)

**PACKAGING**
Wrapped in a protective film, 75 lbs (34 kg) per roll
### TECHNICAL DATA

#### TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Test Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight, oz/yt′ (lb/ft′, g/m′)</td>
<td>D 3776</td>
<td>9 (0.06, 305)</td>
</tr>
<tr>
<td>Thickness, in (mm)</td>
<td>D 1777</td>
<td>0.160 (4.1)</td>
</tr>
<tr>
<td>Burst Strength, Ibs (N)</td>
<td>D 3768</td>
<td>315 (1400)</td>
</tr>
<tr>
<td>Tensile Strength, M.D. (C.M.D.)</td>
<td>D 5034</td>
<td>70 (140)</td>
</tr>
<tr>
<td>Recycled Content</td>
<td>--</td>
<td>Up to 90% Post-Consumer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 20% Post-Industrial</td>
</tr>
</tbody>
</table>

### SYSTEM INFORMATION

#### INSTALLATION

Sarnafelt NWP separation layer is installed by an authorized Sika Sarnafil Waterproofing Applicator. The NWP separation layer is typically loose-laid and lapped 4 in (102 mm) over the previous roll.

#### AVAILABILITY

Sarnafelt NWP separation layer is available directly from Sika Sarnafil Authorized Applicators.

#### MAINTENANCE

Standard maintenance of roofs should include regular inspection of flashings, drains and termination sealants at least twice a year and after each storm.

#### WARRANTY

As a Sika Sarnafil-supplied accessory, Sarnafelt NWP is included in Sika Sarnafil’s Standard or System Warranty.

### LEGAL NOTES

All information provided by Sika Corporation (“Sika”) concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika’s current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika’s instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika’s control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at usa.sarnafil.sika.com or by calling 800-451-2504. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product’s most current Product Data Sheet, product label and Safety Data Sheet which are available online at usa.sarnafil.sika.com or by calling Sika’s Technical Service Department at 800-451-2504. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer’s sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. 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.