

## Sarnavap Self-Adhered

<b>Description</b>	Sarnavap Self-Adhered is a 32 mil (0.8 mm) self-adhesive vapor barrier that can also serve as temporary roof protection.
<b>Composition</b>	■ Sarnavap Self-Adhered is composed of SBS modified bitumen. The top surface is a high-density polyethylene grid laminated between two layers of polyethylene film. A silicone release plastic film covers the self-adhesive back side.
<b>Features</b>	■ Durable weathering surface that allows exposure for up to three months. The width of Sarnavap Self-Adhered has been specifically designed to fit most structural steel decks and maximize coverage while reducing waste.
<b>Packaging/Storage</b>	■ Sarnavap Self-Adhered is available in rolls 1.14 m x 40.8 m (44.9 in. x 133.8 ft). ■ Each roll weighs : approximately 37 kg (81 lb). ■ 20 rolls per skid.
<b>Installation</b>	<p>Install Sarnavap Self-Adhered over a clean and dry substrate. In concrete applications allow concrete to cure for at least 28 days. Do not install when it is raining, snowing, or on wet/humid surfaces. Install in temperatures 0°C (32°F) and above. The use of a primer is required on the following substrates: wood, concrete, lightweight concrete, gypsum boards and decks, and DensDeck® boards.</p> <ol style="list-style-type: none"><li>1. Begin application at the bottom of the slope. Unroll Sarnavap Self-Ad hered onto the substrate without adhering for alignment. Overlap each preceding sheet by 75 mm (3 in) lengthwise following the reference line and by 150 mm (6 in) at each end. Stagger end laps by at least 300 mm (12 in). Do not immediately remove the silicone release sheet.</li><li>2. Once aligned, peel back a portion of the silicone release sheet and press the membrane onto the substrate for initial adherence. Hold Sarnavap Self-Adhered tight and peel back the release sheet by pulling diagonally.</li><li>3. Use a 34 kg (75 lb) roller to press Sarnavap Self-Adhered down into the substrate including the laps. Finish by aligning the edge of the roller with the lower end of the side laps and rolling up the membrane. Do not cut the membrane to remove air bubbles trapped under the laps. Squeeze out air bubbles by pushing the roller to the edge of the laps. On metal decks use a metal plate 15 x 106 cm (6 x 42 in) to support the membrane end lap between metal flutes ensuring a complete end lap seal.</li></ol>
<b>Availability</b>	Sarnavap Self-Adhered is available directly from Sika Canada Authorized Applicators when used within a Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit <a href="http://www.sika.ca">www.sika.ca</a> for further information.
<b>Warranty</b>	As a Sika Canada-supplied accessory, Sarnavap Self-Adhered Primer is included in Sika Canada's Standard or System Warranty.



## Maintenance

Sarnavap Self-Adhered requires no maintenance.

Periodic maintenance of a Sarnafil® system ensures extended performance and reduces life cycle costs. Consistent with industry practices, Sika Canada recommends inspecting the roof system for damage, plugged drains, weathered sealants, etc. at least twice a year and after each storm.

## Technical Support

Sika Canada provides technical support. Technical staff is available to advise applicators as to the proper installation method.

## Technical Data

(as manufactured):

Parameters	ASTM Test Method	Typical Physical Properties	
Thickness	--	32 mil	0.8 mm
Gross/Net Coverage Per Roll	--	500/468 ft <sup>2</sup>	46.5/43.5 m <sup>2</sup>
Top Face	--	Polyethylene Woven Composite Facer	
Underface	--	Silicone Release Film	
Breaking Strength, MD/XD	D 5147	64/88 lbf/in	11.3/15.4 kN/m
Ultimate Elongation, MD/XD	D 5147	52/24%	
Cold Bending	D 5147	-31°F	-35°F
Static Puncture	D 5601	90 lb	400 N
Tear Resistance, MD/XD	D 5601	84/90 lbf	375/400 N
Lap Adhesion	D 1876	6 lbf/in	1050 N/m
Peel Strength	D 903	8 lbf/in	1400 N/m
Water Absorption	D 5147	< 0.1%	
Water Vapour Permeance	E 96	0.017 perm	0.92 ng/Pa s m <sup>2</sup>
Air Permeability	D 1970	1.14 10 <sup>-3</sup> ft <sup>3</sup> /	0.007 L/sec m <sup>2</sup>
	(75 pa)	min. sq. ft.	

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, within their shelf life. 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under [www.sika.ca](http://www.sika.ca).



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