

# Sarnacol 2121 Adhesive

Construction

<b>Overview</b>	Sarnacol 2121 is a water-based dispersion adhesive used within a Sika Sarnafil Adhered system. It is formulated for adhering PVC membranes to clean, dry, water absorbent, horizontal roof surfaces with slopes up to 10° (2/12) when using the methods of installation noted below. See Technical Bulletins 03-09 and 04-09 for information on using Sarnacol 2121 on flashings. For any other applications, contact Sika Canada.
<b>Composition</b>	<ul style="list-style-type: none"> <li>■ See Material Safety Data Sheet for information.</li> <li>■ VOC Content: 120.4 g/L</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>■ Sarnacol 2121 is uniquely formulated to be compatible with Sarnafil membranes.</li> </ul>
<b>Packaging/Storage</b>	<ul style="list-style-type: none"> <li>■ Sarnacol 2121 is supplied in 18.9 L (5 US gal.) plastic containers weighing 20.4 kg (45 lb).</li> <li>■ Sarnacol 2121 has a shelf life of 12 months in a tightly closed container in temperatures between 5 and 37°C (40 and 99°F).</li> </ul>
<b>Installation</b>	<p><b>Method A: (Squeegee Applied):</b> Sarnacol 2121 is applied with a notched-squeegee to the substrate, the membrane is rolled onto the adhesive while it is still wet and rolled firmly into place with a minimum 100 lb (45 kg) linoleum roller. There is no adhesive drying time resulting in faster membrane application. Precautionary measures must be taken to avoid exposing Sarnacol 2121 to low temperatures. Sarnacol 2121 may only be used when temperatures are 5°C (40 °F) and rising. In cool or humid weather, Sarnacol 2121 will take longer to cure. Sarnacol 2121 is not to be used on vertical or sloped surfaces greater than a 2/12 unless applied according to Technical Bulletins 03-09 and 04-09.</p> <p><b>Method B: (Roller Applied):</b> Sarnacol 2121 can be applied with a medium nap roller to the substrate. When using the roller application, the coverage rate is greatly improved (see coverage rate guide below). When applying 2121 with a roller, it is important to remember that Sarnacol 2121 is still a product designed for “wet lay in”. When applied with a roller, care must be taken to insure that the adhesive has not dried before the membrane is laid in place. This is especially important during applications at high temperatures. Adjustments may be needed in the application technique to insure a wet lay in. It is recommended that only 2 - 3 m (6 - 10 ft) at a time is coated out ahead of the membrane to prevent dry laid membrane. After the membrane is placed into the wet adhesive, roll immediately with a minimum 45 kg (100 lb) linoleum roller. Temperature and slope restrictions as mentioned above also apply for the roller method.</p>
<b>Availability</b>	Sarnacol 2121 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.



**Sarnafil®**

**Warranty** As a Sika Canada-supplied accessory, Sarnacol 2121 is included in Sika Canada's Standard or System Warranty.

**Maintenance** Sarnacol 2121 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	Méthod A Squeegee Applied Bareback Membrane Rates	Méthod B Roller Applied
<b>Substrate</b>		
Isocyanurate Facer	0,61 L/m <sup>2</sup> (1½ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
Smooth Plywood	0,61 L/m <sup>2</sup> (1½ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
Dens-Deck Prime® (Georgia Pacific)	0,51 L/m <sup>2</sup> (¼ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
Securock® Gypsum-Fiber	0,51 L/m <sup>2</sup> (¼ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
<b>Substrate</b>	<b>Feltback Membrane Rates</b>	
Isocyanurate Face	0,71 L/m <sup>2</sup> (1¼ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
Smooth Plywood	0,71 L/m <sup>2</sup> (1¼ US gal./100 ft <sup>2</sup> )	0,305 L/m <sup>2</sup> (¾ US gal./100 ft <sup>2</sup> )
Concrete Deck	0,81 L/m <sup>2</sup> (2 US gal./100 ft <sup>2</sup> )	0,405 L/m <sup>2</sup> (1 US gal./100 ft <sup>2</sup> )
Cellular Concrete	0,81 L/m <sup>2</sup> (2 US gal./100 ft <sup>2</sup> )	0,405 L/m <sup>2</sup> (1 US gal./100 ft <sup>2</sup> )
Dens-Deck®	0,71 L/m <sup>2</sup> (1¼ US gal./100 ft <sup>2</sup> )	0,405 L/m <sup>2</sup> (1 US gal./100 ft <sup>2</sup> )
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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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