

**PRODUCT DATA SHEET**

Edition 10.2018/v1

# Sarnafastener #12

<p><b>Description</b></p>	<p>Sarnafastener #12 is a threaded drill point fastener used with Sarnafil® roof systems in conjunction with Sarnaplates.</p> <p><b>Uses:</b> To attach Sarnatherm insulation/roof boards/gypsum roof boards or other Sika approved boards directly into steel decking of 1.02 - .51 mm (18 - 24 gauge), wood planks of 38 mm (1 - 1/2 in) minimum or wood sheathing exceeding 12 mm (15/32 in).</p> <p><b>Areas of applications</b></p> <ul style="list-style-type: none"> <li>▪ New roofs</li> <li>▪ Recover roofs</li> </ul>
<p><b>Composition</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Manufacturing:</b> Sarnafastener #12 is made from carbon steel, treated with a corrosion-resistant coating.</li> <li>▪ <b>Colour :</b> Black</li> </ul>
<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>▪ Shank diameter: 4.1 mm (0.160 in)</li> <li>▪ Thread diameter: 5.6 mm (0.214 in)</li> <li>▪ Head diameter: 11 mm (0.435 in)</li> <li>▪ Head style: #3 Phillips</li> <li>▪ Heavy shank &amp; thread diameters</li> <li>▪ Deep buttress thread for high pullout resistance</li> <li>▪ Extra sharp spade point for quick installation in new or reroof applications</li> </ul>
<p><b>Packaging/Storage</b></p>	<ul style="list-style-type: none"> <li>▪ Pails of 1000 units.</li> </ul> <p>Refer to Technical Data section for lengths and weights.</p>
<p><b>Codes / Approvals</b></p>	<ul style="list-style-type: none"> <li>• Factory Mutual 4470</li> <li>• ICC Code Compliance - ESR 1157</li> <li>• Miami-Dade County</li> <li>• CAN/CSA-A123.21</li> </ul>
<p><b>Installation</b></p>	<p>A Sarnafastener #12 is placed through the Sarnaplate and insulation and then set into the roof deck with a heavy-duty (4 amp minimum), variable speed (0 - 2500 rpm), reversible screwgun with a clutch release and a #3 Phillips drive bit. Sarnafastener #12 must penetrate steel and wooden plank roof decks by 25 mm (1 in) and the underside of plywood roof decks by 13 mm (1/2 in).</p> <p>Care must be taken to not damage the roof deck. Choose the correct fastener length and do not overdrive or underdrive the fastener.</p> <p><b>Note: Pullout tests are required prior to job start on existing wood sheathing roof decks for technical evaluation.</b></p>
<p><b>Availability</b></p>	<p>Sarnafastener #12 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 <a href="http://www.sika.ca">www.sika.ca</a> for further information.</p>
<p><b>Warranty</b></p>	<p>Upon successful completion of the installed roof by the Sika Canada Authorized Applicator, Sika Canada can provide a Warranty to the Building Owner via the Authorized Applicator.</p>
<p><b>Maintenance</b></p>	<p>Sarnafastener #12 requires no maintenance. As a prudent preventative measure, Sika Canada recommends that the Owner or that the Owner's designated representative inspect the installed roof system for damage, plugged drains, weathered sealants, etc. at least twice a year and after each storm.</p>
<p><b>Technical Support</b></p>	<p>Sika Canada provides technical support. Technical staff is available to advise applicators as to the proper installation method.</p>

**Technical Data**

Length	Thread	Packaging	Shipping Weight
41 mm (1 - 5/8 in)	Full	1000 / pail	5.4 kg (12 lb)
57 mm (2 - 1/4 in)	Full	1000 / pail	7.3 kg (16 lb)
76 mm (2 7/8 in)	Full	1000 / pail	10.9 kg (24 lb)
102 mm (4 in)	76 mm (3 in)	1000 / pail	12.7 kg (28 lb)
127 mm (5 in)	76 mm (3 in)	1000 / pail	15.9 kg (35 lb)
152 mm (6 in)	102 mm (4 in)	1000 / pail	18.1 kg (40 lb)
178 mm (7 in)	102 mm (4 in)	1000 / pail	21.8 kg (48 lb)
203 mm (8 in)	102 mm (4 in)	1000 / pail	22.7 kg (50 lb)
<i>One (1) #3 Phillips drive bit is included in each pail.</i>			

**Health and Safety Information**

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

**KEEP OUT OF REACH OF CHILDREN  
FOR INDUSTRIAL USE ONLY**

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 shelflife. 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](http://www.sika.ca)

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