

Product Data Sheet

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Sarnafastener #14 - HD

Overview:	Sarnafastener #14-HD is a threaded fastener used with Sarnadiscs or Sarnabars to attach the Sarnafil® S327 roof membrane or with Sarnaplate-HD/CD to attach insulation boards directly to structural concrete or >15/32 inch wood roof decks.
Composition:	Sarnafastener #14-HD is made from carbon steel, treated with a CR-10 coating to meet the Factory Mutual 4470 criteria for corrosion resistance.
Features:	Sarnafastener #14-HD has a shank diameter of 0.190 inch (4.8 mm), a thread diameter of 0.245 inch (6.2 mm) and a #3 Phillips drive head with a diameter of 0.435 inch (11 mm). Sarnafastener #14-HD provides high pull-out values in a structural concrete and thick wood decks and can be easily set to the correct depth during installation. The threads have 10 turns per inch (394 turns/m).
Packaging:	Sarnafastener #14-HD is packaged in boxes of 250, 500 or 1000. See Technical Data section for lengths and weights.
Installation:	Pullout tests are required prior to job start for Technical evaluation. For insulation attachment, the Sarnafastener #14-HD is placed through the Sarnaplate-HD/CD and insulation and then into the roof deck. For S327 roof membrane attachment, the Sarnafastener #14-HD is placed through the Sarnadisc or Sarnabar, through the membrane, insulation and into the roof deck. A heavy-duty (4 amp min.), variable speed (0-2500 rpm), reversible screwgun with clutch release and a #3 Phillips drive bit is used to set the Sarnafastener #14-HD in place. Sarnafastener #14-HD must penetrate the concrete roof deck at least 1 inch (25 mm). Care must be taken to not damage the roof deck, to choose the correct fastener length and to not over drive or underdrive the Sarnafastener #14-HD.
Availability:	Sarnafastener #14-HD is available directly from Sika Sarnafil Authorized Applicators when used within a Sika Sarnafil roof system. Contact the Sika Sarnafil Regional Office or visit our website for further information.
Warranty:	As a Sika Sarnafil-supplied accessory, Sarnafastener #14-HD is included in Sika Sarnafil's Standard or System Warranty to the Building Owner.

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Maintenance: Sarnafastener #14-HD requires no maintenance.

Technical: Sika Sarnafil provides technical support. Technical staff is available to advise Applicators as to the correct installation method of Sarnafastener #14-HD.

Technical Data:	Length	Thread	Packaging*	Weight*
	1.25 inch (32 mm)	Full	1000/Box	12 lb (5.4 kg)
	1.75 inch (44 mm)	Full	1000/Box	16 lb (7.3 kg)
	2.0 inch (51 mm)	Full	1000/Box	17 lb (7.7 kg)
	3.0 inch (76 mm)	Full	1000/Box	25 lb (11.3 kg)
	4.0 inch (101 mm)	3.0 inch	1000/Box	33 lb (15.0 kg)
	5.0 inch (127 mm)	3.0 inch	1000/Box	45 lb (20.4 kg)
	6.0 inch (152 mm)	3.0 inch	1000/Box	47 lb (21.3 kg)
	7.0 inch (178 mm)	4.0 inch	1000/Box	55 lb (24.9 kg)
	8.0 inch (203 mm)	4.0 inch	1000/Box	62 lb (28.1 kg)
	9.0 inch (228 mm)	4.0 inch	500/Box	32 lb (14.5 kg)
	10.0 inch (254 mm)	4.0 inch	500/Box	39 lb (17.7 kg)
	11.0 inch (279 mm)	4.0 inch	500/Box	42 lb (19.1 kg)
	12.0 inch (304 mm)	4.0 inch	500/Box	48 lb (21.8 kg)
	14.0 inch (355 mm)	4.0 inch	500/Box	57 lb (25.9 kg)
	16.0 inch (406 mm)	4.0 inch	250/Box	36 lb (16.3 kg)

**Sarnafastener #14-HD only. Discs and plates not included. (one #3 Phillips drive bit is included in each box)*

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Disclaimer: *The information, and, in particular, the recommendation relating to the application and end-use of Sika Sarnafil products, are given in good faith based on Sika Sarnafil's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika Sarnafil recommendations. In practice, the differences in materials, substrates and actual site conditions are such that **no warranty in respect of merchantability of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, may be inferred from this information.** The user of the product must determine the product's suitability for the intended application and purpose. Sika Sarnafil reserves the right to change the properties of its products. 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.*