

PRODUCT DATA SHEET

Sarnafast® Fastener MAXLoad

SARNAFASTENER #21 MAXLOAD IS A THREADED DRILL POINT FASTENER

PRODUCT DESCRIPTION

Sarnafastener #21 MAXLoad is a threaded drill point fastener used within Sarnafil® roof systems to attach Sarnafil® S 327 Membrane into steel decking (22 – 24 gauge) or 1/2 – 5/8" (12.7 – 15.9 mm) wood decks.

USES

Used in conjunction with Sarnadisc MAXLoad or Sarnarail for attachment direct to the roof deck.

Areas of Application

- New Roof Applications
- Reroof Applications
- Recover Applications

CHARACTERISTICS / ADVANTAGES

- Oversized roofing fastener with mini-drill point.
- Extra sharp spade point for quick installation in new or reroof applications.
- Pronounced buttress thread which increases both surface area and friction against the deck for excellent backout and pull out resistance.

APPROVALS / STANDARDS

- Factory Mutual 4470
- ICC Code Compliance – ESR 1157
- Miami-Dade County

PRODUCT INFORMATION

Chemical Base Made from carbon steel, treated with a corrosion-resistant coating to meet the criteria for corrosion resistance.

Packaging	Length	Thread	Packaging	Weight
	2" (51 mm)	Full	1000 / Pail	18 lb (8.2 kg)
3" (76 mm)	Full	1000 / Pail	24 lb (10.9 kg)	
4" (102 mm)	3" (76 mm)	500 / Pail	28 lb (12.7 kg)	
5" (127 mm)	4" (102 mm)	500 / Pail	35 lb (15.9 kg)	
6" (152 mm)	4" (102 mm)	500 / Pail	42 lb (19.1 kg)	
7" (178 mm)	4" (102 mm)	250 / Pail	26 lb (11.8 kg)	
8" (203 mm)	4" (102 mm)	250 / Pail	29 lb (13.2 kg)	
10" (254 mm)	4" (102 mm)	250 / Box	35 lb (15.9 kg)	
12" (305 mm)	4" (102 mm)	250 / Box	42 lb (19.1 kg)	

* One #3 Phillips drive bit is included in each box.

Appearance / Color Blue

Shelf Life N/A

Storage Conditions N/A

Dimensions

- Thread Diameter: 0.33" (8.4 mm)
- Shank Diameter: 0.26" (6.6 mm)
- Head Diameter: 0.66" (16.8 mm)
- Head Style: #3 Phillips

APPLICATION INSTRUCTIONS

APPLICATION

The Sarnafast® Fastener MAXLoad is fastened straight into the roof deck with a extra heavy-duty (6 amp minimum), variable speed (2000 rpm maximum), reversible screwgun with a clutch release and a #3 Phillips drive bit. Sarnafast® Fastener MAXLoad must penetrate steel roof decks by 1" (25mm) and the underside of wood sheathing roof decks by a 1/2" (13mm).

Care must be taken to not damage the roof deck. Choose the correct fastener length and do not overdrive or underdrive the fastener. Pullout tests are required prior to job start when used with existing wood sheathing roof decks for technical evaluation.

MAINTENANCE

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

AVAILABILITY/WARRANTY

Availability

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

Warranty

Upon successful completion of the installed roof by the

Sika Authorized Applicator, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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 the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **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.**

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