

# PRODUCT DATA SHEET

## SARNAFASTENER #21 MAXLoad

Sarnafastener #21 MAXLoad is a threaded drill point fastener used within Sarnafil® roof systems to attach Sarnafil S327 Membrane into steel decking (22-24 gauge) or wood sheathing (>15/32”).

### PRODUCT INFORMATION

#### USES

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

#### AREAS OF APPLICATION

- New Roof Applications
- Reroof Applications

#### FEATURES / BENEFITS

- 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.

#### TESTS

#### CODES / APPROVALS

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

### PRODUCT DATA

#### FORM

#### COMPOSITION

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

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

#### COLOR

Blue

## PACKAGING

Length	Thread	Packaging	Weight
2 inch (51 mm)	Full	1000 / Pail	18 lb (8.2 kg)
3 inch (76 mm)	Full	1000 / Pail	24 lb (10.9 kg)
4 inch (102 mm)	3 inch (70 mm)	500 / Pail	28 lb (12.7 kg)
5 inch (127 mm)	4 inch (102 mm)	500 / Pail	35 lb (15.9 kg)
6 inch (152 mm)	4 inch (102 mm)	500 / Pail	42 lb (19.1 kg)
7 inch (178 mm)	4 inch (102 mm)	250 / Pail	26 lb (11.8 kg)
8 inch (203 mm)	4 inch (102 mm)	250 / Pail	29 lb (13.2 kg)
10 inch (254 mm)	4 inch (102 mm)	250 / Box	35 lb (15.9 kg)
12 inch (305 mm)	4 inch (102 mm)	250 / Box	42 lb (19.1 kg)

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

## SYSTEM INFORMATION

### INSTALLATION INSTRUCTIONS

The Sarnafastener #21 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.

Sarnafastener #21 MAXLoad must penetrate steel roof decks by 1 inch (25mm) and the underside of wood sheathing roof decks by a 1/2 inch (13mm).

Care must be taken 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.

### AVAILABILITY

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

### MAINTENANCE

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

### WARRANTY

As a Sika supplied accessory, Sarnafastener #21 MAXLoad is covered under Sika Corporation warranties.

### LEGAL NOTES

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at [usa.sarnafil.sika.com](http://usa.sarnafil.sika.com) or by calling 800-451-2504.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at [usa.sarnafil.sika.com](http://usa.sarnafil.sika.com) or by calling Sika's Technical Service Department at 800-451-2504. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data

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**Sheet, product label and Safety Data Sheet prior to product use.**

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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