

# PRODUCT DATA SHEET

## Fastener Polymer GypTec

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FASTENER POLYMER GYPTEC IS A GLASS-FILLED NYLON AUGER FASTENER

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### PRODUCT DESCRIPTION

Fastener Polymer GypTec is a glass-filled nylon auger fastener used to attach Sarnafil® S 327 Membrane or Sikaplan® Fastened Membrane as well as Sarnatherm® insulation, Sarnatherm roof boards, gypsum roof boards, or other Sika approved boards into cementitious wood fiber or gypsum roof decks.

### USES

Used in conjunction with 2" (51 mm) Sarnadisc GypTec or 3" (76 mm) Sarnaplate GypTec for attachment direct to the approved roof deck.

#### Areas of Application

- New Roof Applications
- Reroof Applications
- Recover Applications

### CHARACTERISTICS / ADVANTAGES

- Designed for increased pullout resistance and shear strength.
- High tensile strength.
- Made from glass-filled nylon, which eliminates corrosion and thermal bridging
- Non-penetrating design. Fastener threads into the deck but not through
- The Fastener Polymer GypTec is FM approved for insulation attachment only.

### APPROVALS / STANDARDS

- Factory Mutual 4470 (insulation attachment only)
- Miami-Dade County

## PRODUCT INFORMATION

<b>Chemical Base</b>	Made from glass-filled nylon, which eliminates corrosion and thermal bridging.			
<b>Packaging</b>	<b>Length</b>	<b>Thread</b>	<b>Packaging</b>	<b>Weight</b>
	2-1/2" (64 mm)	1-1/2" (38.1 mm)	500/Box	13 lb (5.9 kg)
	3" (76 mm)	2-1/4" (57.2 mm)	500/Box	16 lb (7.3 kg)
	3-1/2" (89 mm)	2-1/4" (57.2 mm)	500/Box	18 lb (8.2 kg)
	4" (102 mm)	2-1/4" (57.2 mm)	500/Box	20 lb (9.1 kg)
	4-1/2" (114 mm)	2-1/4" (57.2 mm)	500/Box	22 lb (10 kg)
	5" (127 mm)	2-1/4" (57.2 mm)	500/Box	23 lb (10 kg)
	5-1/2" (140 mm)	2-1/4" (57.2 mm)	500/Box	24 lb (10.4 kg)
	6" (152 mm)	2-1/4" (57.2 mm)	500/Box	26 lb (11.8 kg)
	6-1/2" (165 mm)	2-1/4" (57.2 mm)	500/Box	28 lb (12.7 lb)
	7" (178 mm)	2-1/4" (57.2 mm)	500/Box	30 lb (13.6 kg)
	7-1/2" (191 mm)	2-1/4" (57.2 mm)	500/Box	32 lb (15.4 kg)
	8" (203 mm)	2-1/4" (57.2 mm)	250/Box	17 lb (7.7 kg)
	8-1/2" (216 mm)	2-1/4" (57.2 mm)	250/Box	19 lb (8.6 kg)
	9" (228 mm)	2-1/4" (57.2 mm)	250/Box	20 lb (9.1 kg)
	9-1/2" (241 mm)	2-1/4" (57.2 mm)	250/Box	21 lb (9.5 kg)
10" (254 mm)	2-1/4" (57.2 mm)	250/Box	22 lb (10 kg)	
10-1/2" (267 mm)	2-1/4" (57.2 mm)	250/Box	23 lb (10.4 kg)	
11" (279 mm)	2-1/4" (57.2 mm)	250/Box	24 lb (10.9 kg)	
12" (305 mm)	2-1/4" (57.2 mm)	250/Box	26 lb (11.8 kg)	

\* One 1/4-inch driver bit is included in each box.

<b>Appearance / Color</b>	Black
<b>Shelf Life</b>	N/A
<b>Storage Conditions</b>	N/A
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>▪ Thread Diameter: 0.675" (17.1 mm)</li> <li>▪ Head Diameter: 1.0" (25.4 mm)</li> <li>▪ Head Style: 0.25" (6.4 mm) Square Drive</li> </ul>

## APPLICATION INSTRUCTIONS

### APPLICATION

The Fastener Polymer GypTec can be installed into some cementitious wood fiber decks without predrilling. A pilot hole is required for gypsum decks. Use a 7/16, 1/2 or 9/16" drill bit as determined by pullout test results. Pilot holes must be a minimum of 1/2" (13 mm) deeper than embedment.

Fasteners should be installed using a heavy duty variable speed screw gun. Installation at a low rpm is recommended. Minimum fastener embedment into the deck should be 1-1/2 - 2" (38 - 51 mm) is recommended and required on FM insured decks.

Care must be taken to not damage the roof deck and should never penetrate the underside of the deck.

Choose the correct fastener length and do not overdrive or underdrive the fastener. **Pullout tests are required** prior to job start for technical evaluation.

## 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.

## 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

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w)

## 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](http://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.

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**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)

**Sika Sarnafil**  
100 Dan Road  
Canton, MA 02021  
Phone: +1 800-451-2504  
Fax: +1 781-828-5365  
[usa.sarnafil.sika.com](http://usa.sarnafil.sika.com)  
[webmaster.sarnafil@us.sika.com](mailto:webmaster.sarnafil@us.sika.com)

**Sika Mexicana S.A. de C.V.**  
Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537



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