

PRODUCT DATA SHEET

Fastener Polymer GypTec

fastener polymer gyptec is a glass-filled nylon auger fastener

PRODUCT DESCRIPTION

Fastener Polymer GypTec is a glass-filled nylon auger fastener used to attach Sarnafil® S 327 Membrane or Sikaplan® Universal 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

Chemical Base Made from glass-filled nylon, which eliminates corrosion and thermal bridging.

Packaging	Length	Thread	Packaging	Weight
	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.

Appearance / Color Black

Shelf Life N/A

Storage Conditions N/A

Dimensions

- Thread Diameter: 0.675" (17.1 mm)
- Head Diameter: 1.0" (25.4 mm)
- Head Style: 0.25" (6.4 mm) Square Drive

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.

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 in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

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).

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

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

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