

PRODUCT DATA SHEET

FASTENER POLYMER GYPTEC

Fastener Polymer GypTec is a glass-filled nylon auger fastener used to attach Sarnafil® S327 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.

PRODUCT INFORMATION

USES

Threaded fastener used in conjunction with 2 inch (51 mm) Sarnadisc GypTec or 3 inch (76 mm) Sarnaplate GypTec for attachment direct to the approved roof deck.

AREAS OF APPLICATION

- New Roof Applications
- Reroof Applications

FEATURES / BENEFITS

- Designed for increased pullout resistance and shear strength.
- High tensile strength.
- Non-penetrating design. Fastener threads into the deck but not through.

TESTS

CODES / APPROVALS

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

PRODUCT DATA

FORM

COMPOSITION

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

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

COLOR

Black

PACKAGING

Length	Thread	Packaging	Weight
2-1/2 inch (64 mm)	1-1/2 inch (38.1 mm)	500 / Box	13 lb (5.9 kg)
3 inch (76 mm)	2-1/4 inch (57.2 mm)	500 / Box	16 lb (7.3 kg)
3-1/2 inch (89 mm)	2-1/4 inch (57.2 mm)	500 / Box	18 lb (8.2 kg)
4 inch (102 mm)	2-1/4 inch (57.2 mm)	500 / Box	20 lb (9.1 kg)
4-1/2 inch (114 mm)	2-1/4 inch (57.2 mm)	500 / Box	22 lb (10.0 kg)
5 inch (127 mm)	2-1/4 inch (57.2 mm)	500 / Box	23 lb (10.0 kg)
5-1/2 inch (140 mm)	2-1/4 inch (57.2 mm)	500 / Box	24 lb (10.4 kg)
6 inch (152 mm)	2-1/4 inch (57.2 mm)	500 / Box	26 lb (11.8 kg)
6-1/2 inch (165 mm)	2-1/4 inch (57.2 mm)	500 / Box	28 lb (12.7 kg)
7 inch (178 mm)	2-1/4 inch (57.2 mm)	500 / Box	30 lb (13.6 kg)
7-1/2 inch (191 mm)	2-1/4 inch (57.2 mm)	500 / Box	32 lb (15.4 kg)
8 inch (203 mm)	2-1/4 inch (57.2 mm)	250 / Box	17 lb (7.7 kg)
8-1/2 inch (216 mm)	2-1/4 inch (57.2 mm)	250 / Box	19 lb (8.6 kg)
9 inch (228 mm)	2-1/4 inch (57.2 mm)	250 / Box	20 lb (9.1kg)
9-1/2 inch (241 mm)	2-1/4 inch (57.2 mm)	250 / Box	21 lb (9.5 kg)
10 inch (254 mm)	2-1/4 inch (57.2 mm)	250 / Box	22 lb (10.0 kg)
10-1/2 inch (267 mm)	2-1/4 inch (57.2 mm)	250 / Box	23 lb (10.4 kg)
11 inch (279 mm)	2-1/4 inch (57.2 mm)	250 / Box	24 lb (10.9 kg)
12 inch (305 mm)	2-1/4 inch (57.2 mm)	250 / Box	26 lb (11.8 kg)

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

SYSTEM INFORMATION

INSTALLATION INSTRUCTIONS

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 inch drill bit as determined by pullout test results. Pilot holes must be a minimum of 1/2 inch (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 inch (38 mm) – 2 inch (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.

AVAILABILITY

From Sika Corporation – Roofing Authorized Applications 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, Fastener Polymer GypTec is covered under Sika Corporation warranties.

LEGAL NOTES

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