

POLYGLASS STANDARD ROOFGRIP® DRILL POINT FASTENER

PRODUCT DESCRIPTION

The Polyglass Standard RoofGrip® Drill Point Fastener (#12) is designed to secure insulation to steel (18 Ga.–24 Ga. [1.25–0.65 mm]) and wood. It is available in lengths from 1 5/8" to 8" (40 to 200 mm). The Polyglass Standard RoofGrip Drill Point Fastener is Factory Mutual approved.

FEATURES AND BENEFITS

- Heavier shank and thread diameters than most "standard" roofing fasteners.
- Deep buttress thread for high pullout resistance.
- Extra sharp drill point for quick installation in new or reroof applications.
- Available with #3 Phillips truss head.

COATING

CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

APPLICATION

The Polyglass Standard RoofGrip Drill Point Fastener must penetrate steel decks a minimum of 3/4" (20 mm). Factory Mutual requires that fasteners penetrate the top flute.

For OSB and plywood*, 3/4" (20 mm) penetration through the underside of the board is the minimum allowable. For wood deck (wood beams, wood plank, tongue & groove), 1" (25 mm) penetration is the minimum allowable.

Using a screw gun, drive the fastener until a slight depression is seen in the insulation and the plate. On rigid cover boards, care must be taken not to strip the deck.

The strength of different roof decks can vary widely and can be adversely affected by moisture and other conditions. Therefore, it is recommended that a fastener pull test be conducted to help evaluate deck condition and fastener suitability. Call Polyglass to schedule testing.

Note: Care must be taken not to overdrive the fastener. Fastener must be tight enough so that the plate doesn't turn. For best results, use a variable speed 0–2500 RPM screw gun.

*FM does not approve OSB or plywood deck types.

PLATES & ACCESSORIES

Use appropriate Polyglass steel plates depending upon the application.

PHYSICAL DATA

Head #3 Phillips Truss Head**
0.435" (11.04 mm) Diameter
Thread 0.220" (5.58 mm) Diameter
Shank 0.160" (4.06 mm) Diameter
Coating CR-10

**#3 Phillips bit included in each bucket/carton

APPLICABLE STANDARDS

- FM Approved



POLYGLASS



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ORDERING INFORMATION*

SKU	LENGTH IN (MM)	THREAD IN (MM)	PKG QTY	WEIGHT LBS (KG)
RGDP158B-PG	1 5/8 (40)	FULL	1000	12 (5.45)
RGDP214B-PG	2 1/4 (55)	FULL	1000	16 (7.26)
RGDP003B-PG	3 (75)	FULL	1000	24 (10.89)
RGDP004B-PG	4 (100)	3 (75)	1000	28 (12.71)
RGDP005B-PG	5 (125)	3 (75)	1000	35 (15.89)
RGDP006B-PG	6 (150)	4 (100)	1000	40 (18.16)
RGDP007B-PG	7 (175)	4 (100)	1000	48 (21.79)
RGDP008B-PG	8 (200)	4 (100)	1000	50 (22.70)

*All sizes are nominal

STANDARD ROOFGrip DRILL POINT FASTENER LENGTH SELECTION PROCEDURE

1. If applicable, determine the thickness of the existing roofing material.
2. Add thickness of new insulation.
3. Add 3/4" to 1" (20 to 25 mm) fastener penetration depending on deck type (see Application Section for details).
4. If odd size requirement, always size up in length, not down.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

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Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

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