Standard RoofGrip Drill Point Fastener

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG Standard RoofGrip Drill Point Fastener (#12) is designed to secure insulation to standard steel (18 ga.—24 ga.) and wood. It is available in lengths from 1%-in. to 8-in. The OMG Standard RoofGrip Drill Point Fastener is Factory Mutual and Miami-Dade County approved.

FEATURES & 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

OMG CR-10 corrosion resistant coating exhibits less than 15% red rust after 30 Kesternich cycles. CR-10 coating exceeds F.M. Approval Standard 4470.

APPLICATION

The OMG Standard RoofGrip Drill Point Fastener must penetrate steel decks a minimum of ¾-in., wood plank decks a minimum of 1-in. and ½-in. through the underside for plywood decks. Using a screw gun,* drive the fastener until a slight depression is seen in the insulation around the plate.

Note: Care must be taken not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate does not turn.

For steel decks, Factory Mutual requires that the fastener penetrate the deck at the top flute.

To speed installation, this fastener can be used with the AccuTrac® System and is also available pre-assembled. **See AccuTrac or ASAP®.**

PLATES & ACCESSORIES

Use appropriate steel or plastic plates, depending upon the application. **See Plates section.**

*For best installation result, use a variable speed 0–2500 RPM screw gun. **See**Accessories section.

APPROVALS







PHYSICAL DATA

The data below is constant for each OMG Standard RoofGrip Drill Point Fastener.

HEAD	THREAD	
#3 Phillips Truss Head** .435" Diameter	.220" Diameter	
	SHANK	
	.160" Diameter	
	COATING	
	CR-10	

^{**#3} Phillips bit included in each carton.

ORDERING INFORMATION

CAT. NO.	LENGTH	THREAD	PKG	WEIGHT
RGDP158B	15/8"	Full	1000	12 lbs.
RGDP214B	2 ¹ / ₄ "	Full	1000	16 lbs.
RGDP003B	3"	Full	1000	24 lbs.
RGDP004B	4"	3"	1000	28 lbs.
RGDP005B	5"	3"	1000	35 lbs.
RGDP006B	6"	4"	1000	40 lbs.
RGDP007B	7"	4"	1000	48 lbs.
RGDP008B	8"	4"	1000	50 lbs.

ROOFING PRODUCTS

KEY:
S Steel
W Wood
G Gypsum
P Purlins



(WF Cementitious Wood Fiber



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SPECIFICATION

The fastener will be an OMG Standard RoofGrip Drill Point Fastener (#12) with a thread diameter of .220. The fastener must have 12.5 buttress threads per inch. Also, the fastener must be heat-treated per specification OMG-1. The OMG Standard RoofGrip Drill Point Fastener will be used with a Factory Mutual approved, OMG round pressure plate or pressure bar. The fastener must be Factory Mutual approved and made in America.

COATING REQUIREMENT

The fastener will be coated with the OMG CR-10 corrosion resistant coating. When subjected to 30 Kesternich cycles (DIN 50018), the fastener must show less than 15% red rust and surpass Factory Mutual Approval Standard 4470.

APPLICATION

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Note: Care must be taken not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate does not turn. Factory Mutual requires that the fastener penetrate the steel deck at the top flute.

*For best installation result, use a variable speed 0–2500 RPM screw gun. **See**Accessories section.

PHYSICAL DATA

The data below is constant for each OMG Standard RoofGrip Drill Point Fastener.

HEAD	THREAD		
#3 Phillips	.220" Diameter		
Truss Head .435" Diameter	SHANK		
	.160" Diameter		
PACKAGING	COATING		
1000/carton	CR-10		

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. **For steel:** Add ¾-inch minimum fastener penetration.
- 4. If odd size requirement, always size up in length, not down. See example:

	Example:	Your Project:
Existing Roofing	13/4"	
Cover Board	1/2"	
Min. Penetration	3/4"	3/4"
Total Fastening	3"	
Correct Length	3"	

The proper #12 Standard RoofGrip Drill Point Fastener for this steel deck example is 3¼ inches.