



Standard RoofGrip® Drill Point Fastener

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG Standard RoofGrip Drill Point Fastener (5.5 mm) is designed to secure insulation to steel 1.25–0.65 mm (18 Ga.–24 Ga.) and wood. It is available in lengths from 40 to 200 mm (1½-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 passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

APPLICATION

For steel decks, 20 mm (¾-in.) penetration is the minimum allowable. Factory Mutual requires that fasteners penetrate the top flute.

For OSB and plywood,* 20 mm (¾-in.) penetration through the underside of the board is the minimum allowable. For wood deck (wood beams, wood plank, tongue & groove), 20 mm (¾-in.) 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 OMG 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.

PLATES & ACCESSORIES

Use appropriate steel or plastic plates, depending upon the application.

APPROVALS



Factory Mutual listings refer to this product as #12 RoofGrip, #12 Standard RoofGrip, and OMG #12 Standard.



USE WITH
S
W
DECK TYPES

PHYSICAL DATA†

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

HEAD	THREAD
#3 Phillips Truss Head** 11.04 mm (.435") Diameter or 6 mm (1/4") Hex Head	5.58 mm (.220") Diameter
	SHANK
	4.06 mm (.160") Diameter
	COATING
	CR-10

**#3 Phillips bit included in each carton.

ORDERING INFORMATION

CAT. NO.	LENGTH MM (IN)	THREAD MM (IN)	PKG QTY	WEIGHT KG (LBS.)
RGDM40B	40 (1½)	Full	1000	5.45 (12)
RGDM55B	55 (2¼)	Full	1000	7.26 (16)
RGDM75B	75 (3)	Full	1000	10.89 (24)
RGDM100B	100 (4)	75 (3)	1000	12.71 (28)
RGDM125B	125 (5)	75 (3)	1000	15.89 (35)
RGDM150B	150 (6)	100 (4)	1000	18.16 (40)
RGDM175B	175 (7)	100 (4)	1000	21.79 (48)
RGDM200B	200 (8)	100 (4)	1000	22.70 (50)

†All sizes are nominal.

KEY:

- S** Steel
- W** Wood
- G** Gypsum
- P** Purlins
- SC** Structural Concrete
- LC** Lightweight Concrete
- LWC** Lightweight Insulating Concrete
- CWF** Cementitious Wood Fiber

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