



Extra Heavy Duty Roofing Fastener

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG Extra Heavy Duty Roofing Fastener (6.7 mm) is a specialized, high performance fastener designed to secure roofing materials to certain light gauge steel 0.95 mm (20 GA.) and lighter, O.S.B., plywood or aluminum* roof decks. It is available in lengths from 32 to 355 mm (1¼- to 14-in.) and is Factory Mutual and Miami-Dade approved.

FEATURES & BENEFITS

- Oversized heavy shank and thread diameters for enhanced pullout resistance in light gauge steel and aluminum roof decks.
- Deep buttress threads further increase pullout and backout resistance.
- Miniature drill point penetrates decks quickly and contributes to exceptional resistance to back-out as well as pullout.

APPLICATION

For steel and aluminum* 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), 25 mm (1-in.) embedment 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.

To speed installation, this fastener can be used with the AccuTrac® System.

COATING

OMG CR-10 corrosion resistant coating passes the corrosion requirements of FM approval Standard 4470 and EAD 030351-00-0402.

PLATES & ACCESSORIES

A variety of plates are available. Contact OMG to determine the appropriate plate for your application.

APPROVALS



Factory Mutual listings refer to this product as OMG XHD Screw, OMG XHD Fastening System, #15 RoofGrip, and #15 SPM Screw.

*FM does not recognize OSB, plywood or aluminum deck types.

KEY:

- | | |
|--------------------|---|
| S Steel | SC Structural Concrete |
| W Wood | LC Lightweight Concrete |
| G Gypsum | IWIC Lightweight Insulating Concrete |
| P Purlins | CWF Cementitious Wood Fiber |
| AL Aluminum | |



USE WITH **S** **W** **AL** DECK TYPES

PHYSICAL DATA†

The data below is constant for each OMG Extra Heavy Duty Roofing Fastener.

HEAD	THREAD
#3 Phillips Truss Head**	6.73 mm (.265") Diameter
	SHANK
11.04 mm (.435") Diameter	5.13 mm (.202") Diameter
	COATING
	CR-10

#3 Phillips bit included in each bucket/carton.

ORDERING INFORMATION

CAT. NO.	LENGTH MM (IN)	THREAD MM (IN)	PKG QTY	WEIGHT KG (LBS)
XHD32B	32 (1¼)	Full	1000	6.36 (14)
XHD43B	43 (1.6)	Full	1000	9.08 (20)
XHD50B	50 (2)	Full	1000	9.08 (20)
XHD75B	75 (3)	Full	1000	12.71 (28)
XHD100B	100 (4)	75 mm (3)	1000	17.25 (38)
XHD125B	125 (5)	100 mm (4)	500	10.90 (24)
XHD150B	150 (6)	100 mm (4)	500	12.71 (28)
XHD175B	175 (7)	100 mm (4)	500	14.98 (33)
XHD200B	200 (8)	100 mm (4)	500	16.80 (37)
XHD230B	230 (9)	100 mm (4)	500	19.07 (42)
XHD255B	255 (10)	100 mm (4)	500	20.88 (46)
XHD280B	280 (11)	100 mm (4)	500	23.61 (52)
XHD305B	305 (12)	100 mm (4)	500	24.97 (55)
XHD355	355 (14)	100 mm (4)	250	14.07 (31)

B = Bucket

Other sizes available up to 610 mm (24-in.). Call for details.

†All sizes are nominal.



ROOFING PRODUCTS

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