

POLYGLASS EXTRA HEAVY DUTY ROOFING FASTENER

PRODUCT DESCRIPTION

The Polyglass Extra Heavy Duty Roofing Fastener (#15) is a specialized, high-performance fastener designed to secure roofing materials to certain light gauge steel (20 Ga. [0.95 mm] and lighter), OSB and plywood roof decks. It is available in lengths from 2" – 16" (50 to 405 mm) and is Factory Mutual approved.

FEATURES AND BENEFITS

- Oversized heavy shank and thread diameters for enhanced pullout resistance in light gauge steel 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.

COATING

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

APPLICATION INSTRUCTIONS

For steel decks, 3/4" (20 mm) penetration is the minimum allowable. 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) 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 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 plate.

PHYSICAL DATA

Head #3 Phillips Truss Head**
0.435" (11.04 mm) Diameter
Thread 0.265" (6.73 mm) Diameter
Shank 0.202" (5.13 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)
XHD002B-PG	2 (50)	Full	1000	20 (9.08)
XHD003B-PG	3 (75)	Full	1000	29 (13.16)
XHD004B-PG	4 (100)	3 (76)	1000	38 (17.25)
XHD005B-PG	5 (125)	4 (102)	500	24 (10.89)
XHD006B-PG	6 (150)	4 (102)	500	28 (12.71)
XHD007B-PG	7 (175)	4 (102)	500	34 (15.44)
XHD008B-PG	8 (200)	4 (102)	500	38 (17.25)
XHD010B-PG	10 (255)	4 (102)	500	47 (21.33)
XHD012B-PG	12 (305)	4 (102)	500	56 (25.42)
XHD014-PG	14 (355)	4 (102)	250	32 (14.52)
XHD016-PG	16 (405)	4 (102)	250	38 (17.25)
XHD018-PG	18 (450)	4 (102)	250	42 (19.05)
XHD020-PG	20 (508)	4 (102)	250	45 (20.41)
XHD022-PG	22 (550)	4 (102)	125	50 (22.68)
XHD024-PG	24 (610)	4 (102)	125	53 (24.04)

*All sizes are nominal

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330
Customer Service: (800) 222-9782
Technical Service: (866) 794-9659

Questions? technical@polyglass.com

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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