



DRILL-TEC™

XHD FASTENER (#15)

Description

Drill-Tec™ XHD (Extra Heavy Duty) Fastener (#15) is a specialized, high-performance fastener designed to secure insulation and single-ply membrane to steel, O.S.B., or aluminum roof decks.

Application

The Drill-Tec™ XHD Fastener (#15) should always be tested on site by a GAF representative to determine performance and proper installation procedure. Call GAF to schedule testing.

Note: Make sure not to overdrive the fastener. Fastener must be tight enough so that the plate doesn't turn. Factory Mutual requires that the fastener penetrates the steel deck at the top flute.

Advantages

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

Plates & Accessories

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

Specifications

The fastener will be a Drill-Tec™ XHD Fastener (#15) with a thread diameter of .275" (6.99 mm). The fastener must have 13 threads per inch (per 25.4 mm) and a drill point. Also, the fastener must be heat-treated per specification OMG-1. The Drill-Tec™ XHD Fastener (#15) will be used with a Factory Mutual-approved, Drill-Tec™ Round Pressure Plate or Pressure Bar.

Code Approvals



Coating Requirement

The fastener will be coated with the Drill-Tec™ 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.

Product Data

Head Diameter	.435" (11.04 mm)
Thread Diameter	.275" (6.99 mm)
Head Style	#3 Phillips Truss Head
Coating	CR-10

Length	Thread Length	Packaging	Weight
2" (51 mm)	Full	1,000 Bucket	21 lb (9.53 kg)
3" (76 mm)	Full	1,000 Bucket	30 lb (13.61 kg)
4" (102 mm)	3" (76 mm)	1,000 Bucket	39 lb (17.69 kg)
5" (127 mm)	4" (102 mm)	500 Bucket	25 lb (11.34 kg)
6" (152 mm)	4" (102 mm)	500 Bucket	29 lb (13.15 kg)
7" (178 mm)	4" (102 mm)	500 Bucket	33 lb (14.97 kg)
8" (203 mm)	4" (102 mm)	500 Bucket	38 lb (17.24 kg)
9" (229 mm)	4" (102 mm)	500 Box	41 lb (18.60 kg)
10" (254 mm)	4" (102 mm)	500 Box	46 lb (20.87 kg)
11" (279 mm)	4" (102 mm)	500 Box	52 lb (23.59 kg)
12" (305 mm)	4" (102 mm)	500 Box	55 lb (24.95 kg)
14" (357 mm)	4" (102 mm)	250 Box	33 lb (14.97 kg)
16" (406 mm)	4" (102 mm)	250 Box	38 lb (17.24 kg)
18" (457 mm)	4" (102 mm)	250 Box	42 lb (19.05 kg)
20" (508 mm)	4" (102 mm)	250 Box	45 lb (20.41 kg)
22" (559 mm)	4" (102 mm)	125 Box	50 lb (22.68 kg)

Note: All sizes are nominal.

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