

Drill-Tec™ SXHD Fastener (#21)

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DRILL-TEC™ SXHD FASTENER (#21)

Description

Drill-Tec™ SXHD (Super Extra Heavy Duty) Fastener (#21) is a specialized, high-performance fastener designed to secure single-ply membrane to 22-gauge metal decks or lighter.

Application

The Drill-Tec™ SXHD Fastener (#21) should always be tested on-site by an GAF representative to determine performance and proper installation procedure. Call GAF to schedule testing. A minimum penetration of 1" (25.4 mm) through the deck is required on a 22-gauge metal deck.

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 light-gauge metal 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 pull-out.

Plates & Accessories

Contact GAF to determine the appropriate plate for your application.

Specifications

The fastener will be a Drill-Tec™ SXHD Fastener (#21) with a thread diameter of .325" (9.53 mm). The fastener must have 14 threads per inch (per 25.4 mm) and a drill point. Also, the fastener must be heat treated per specification OMG-1.

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	.500" (12.7 mm)
Thread Diameter	.325" (9.53 mm)
Head Style	#3 Phillips Truss Head
Coating	CR-10

Length	Thread Length	Packaging (Bucket)	Weight
2" (51 mm)	1.75" (44.4 mm)	500	16 lb (7.26 kg)
3" (76 mm)	2.75" (69.9 mm)	500	22 lb (9.98 kg)
4" (102 mm)	3" (76 mm)	500	29 lb (13.15 kg)
5" (127 mm)	3" (76 mm)	500	36 lb (16.33 kg)
6" (152 mm)	4" (102 mm)	500	44 lb (19.96 kg)
7" (178 mm)	4" (102 mm)	250	26 lb (11.79 kg)
8" (203 mm)	4" (102 mm)	250	29 lb (13.15 kg)
9" (227 mm)	4" (102 mm)	250	32 lb (14.52 kg)
10" (254 mm)	4" (102 mm)	250	35 lb (15.88 kg)
12" (305 mm)	4" (102 mm)	250	42 lb (19.05 kg)

Note: All sizes are nominal.

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