Drill-Tec™
Extra Heavy Duty ASAP® Assembled Screw & 2 3/8 Steel Barbed Plate

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Quality You Can Trust…From
North America's Largest Roofing Manufacturer!™

DRILL-TEC™

EXTRA HEAVY DUTY ASAP® ASSEMBLED SCREW & 2 3/8" STEEL BARBED PLATE

Description
The Drill-Tec™ Extra Heavy Duty ASAP® (Assembled Screw and Plate) is a specialized, high performance fastener designed to secure insulation and single-ply membrane to steel. The Drill-Tec™ Extra Heavy Duty ASAP® is a Drill-Tec™ Extra Heavy Duty #15 Fastener assembled with a Drill-Tec™ 2 3/8" (60.3 mm) Barbed Galvalume® Plate.

Application
The Drill-Tec™ Extra Heavy Duty ASAP® must penetrate steel decks a minimum of 3/4" (19.1 mm). The Drill-Tec™ Extra Heavy Duty ASAP® 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 light-gauge 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 back-out as well as pull-out.
- Assembled with a 2 3/8" (60.3 mm) Barbed Galvalume® Plate.

Plates & Accessories
For best installation results, use a variable speed 0-2500 rpm screw gun. For the fastest, most effective method of installation, use the TallBoy® or Installation Tool.

Specifications
The fastener will be a Drill-Tec™ Extra Heavy Duty ASAP® with a thread diameter of .275 (6.99 mm). The fastener must have 13 threads per inch and a drill point. Also, the fastener must be heat treated per specification OMG-1. The Drill-Tec™ Extra Heavy Duty #15 Fastener will be assembled with a 2 3/8" Galvalume® Steel Barbed Plate.

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.

Note: TallBoy® and ASAP® are registered trademarks of OMG.

Product Data	
Head Diameter	.435 (11.04 mm)
Thread Diameter	.275 (6.99 mm)
Head Style	#3 Phillips Truss Head
Coating	CR-10
Plate Material	Galvalume® Steel

Length	Thread Length	Packaging (Box)	Weight
3" (76 mm)	Full	250	21 lb (9.53 kg)
4" (102 mm)	3" (76 mm)	250	23 lb (10.43 kg)
5" (127 mm)	4" (102 mm)	250	25 lb (11.34 kg)
6" (152 mm)	4" (102 mm)	250	27 lb (12.25 kg)
7" (178 mm)	4" (102 mm)	250	29 lb (13.15 kg)
8" (203 mm)	4" (102 mm)	250	31 lb (14.06 kg)
10" (254 mm)	4" (102 mm)	200	29 lb (13.15 kg)
12" (305 mm)	4" (102 mm)	200	31 lb (14.06 kg)

Note: All sizes are nominal.

Drill-Tec™ Extra Heavy Duty ASAP® Assembled Screw And 2 3/8" Steel Barbed Plate

Example: Extra Heavy Duty ASAP® Length Selection Procedure For Light Gauge Steel Deck

1. If applicable, determine thickness of existing roofing material.
2. Add thickness of new insulation.
3. Add 3/4" (19.1 mm) minimum fastener penetration.
4. If odd size requirement, always size up in length, not down. See example below.

Example		**Use this format to calculate correct fastener size:**	
Existing Roofing:	1 3/4" (44.4 mm)	Existing Roof:	
New Insulation:	+ 1/2" (12.7 mm)	New Insulation:	+
Min. Embedment:	+ 3/4" (19.1 mm) (Light Gauge Steel Deck)	Min. Embedment:	+3/4" (19.1 mm) (Light Gauge Steel Deck)
Total Fastening Range:	= 3" (76 mm)	Total Fastening Range:	=
The proper Extra Heavy Duty ASAP® for the example is 3" (76 mm).		**The proper Extra Heavy Duty ASAP® is:**	