



Description:

Drill-Tec™ #14 Fastener is designed to secure board stock, base sheets, and membranes to steel decks (18 ga. – 22 ga.), wood decks, and structural concrete. It is available in lengths from 1 ¼" – 24" (31.8 – 610 mm). Refer to the applicable EverGuard®, RUBEROID® or GAFGLAS® roofing systems overview and general requirements manual for approved installations.

Advantages:

- Heavier shank and thread diameters than most "heavy-duty" roofing fasteners.
- Deep thread for high pull-out resistance.
- Extra sharp drill point for quick installation in new or reroof applications.

Product Data	
Head Diameter	.435" (11 mm)
Thread Diameter	.245" (6.2 mm)
Shank Diameter	.190" (.4 mm)
Head Style	#3 Phillips Truss Head
Coating	Black CR-10

Application:

- **Steel Decks:** Minimum ¾ in. (20 mm) penetration is required and must hit the top flute.
- **Wood Decks (OSB/Plywood/Plank/Tongue & Groove):** Minimum ¾ in. (20 mm) penetration through the underside of the deck.
- **Wood Joists or Beams:** Minimum 1 in. (25MM) embedment into the joist or beam (excluding any thickness of sheathing or plank present).
- **Structural Concrete:** Minimum 1 in. (25 mm) embedment. Before driving the fastener, pre-drill a ¾ in. (5 mm) pilot hole using a carbide-tip SDS bit or a straight shank bit. The pilot hole should be at least ½ in. (13 mm) deeper than the length of the fastener selected.
- **Driving*:** Use a screw gun and drive the fastener until you see a slight dimple in the insulation and plate. If driving the fastener into or through a rigid substrate below (e.g., cover board), be careful not to strip the decking.
- **Deck Quality:** Roof decks vary in terms of strength; a fastener pull test is recommended to confirm if the deck is solid and the right fasteners are being used.

Codes and Compliance:

- **FM Approved**
Refer to Roofnav.com for actual assemblies



- **Miami-Dade County**
Product Control Approved



Plates & Accessories:

- A variety of plates are available for board stock, base sheet, and membrane attachment (barbed and induction weld).
- For best installation results, use a variable speed 0-2500 rpm screw gun. (#3 Phillips bit included in each bucket).

Corrosion Resistance:

The fastener is coated with Black CR-10 corrosion-resistant coating. When subjected to 30 Kesternich cycles (DIN 50018), the fastener shows less than 15% red rust.

* Be careful not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate doesn't turn.



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For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com

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Additional Product Data

Length	Thread Length	GAF Code #	Packaging	Weight
1 ¼" (31.8 mm)	Full	4510	1,000 Bucket	13 lb. (5.90 kg)
1 ¾" (44.4 mm)	Full	4512	1,000 Bucket	17 lb. (7.71 kg)
2" (51 mm)	Full	4513	1,000 Bucket	19 lb. (8.62 kg)
3" (76 mm)	Full	4514	1,000 Bucket	27 lb. (12.25 kg)
4" (102 mm)	3" (76 mm)	4515	1,000 Bucket	35 lb. (15.88 kg)
5" (127 mm)	4" (102 mm)	4516	500 Bucket	23 lb. (10.43 kg)
6" (152 mm)	4" (102 mm)	4517	500 Bucket	26 lb. (11.79 kg)
7" (178 mm)	4" (102 mm)	4518	500 Bucket	30 lb. (13.61 kg)
8" (203 mm)	4" (102 mm)	4519	500 Bucket	34 lb. (15.42 kg)
9" (227 mm)	4" (102 mm)	4520	500 Box	37 lb. (16.78 kg)
10" (254 mm)	4" (102 mm)	4521	500 Box	40 lb. (18.14 kg)
11" (279 mm)	4" (102 mm)	4522	500 Box	44 lb. (19.96 kg)
12" (305 mm)	4" (102 mm)	4523	250 Box	25 lb. (11.34 kg)
14" (357 mm)	4" (102 mm)	4524	250 Box	29 lb. (13.15 kg)
16" (406 mm)	4" (102 mm)	4525	250 Box	38 lb. (17.24 kg)
18" (457 mm)	4" (102 mm)	8662	250 Box	41 lb. (18.6 kg)
20" (508 mm)	4" (102 mm)	8663	250 Box	47 lb. (21.32 kg)
22" (558.8 mm)	4" (102 mm)	8664	500 Box	51 lb. (23.13 kg)
24" (609 mm)	4" (102 mm)	8665	250 Box	56 lb. (24.4 kg)