

# IB HD #14 Roofing Fastener

**Product Description:**

The IB HD #14 Roofing Fastener is designed to secure insulation and membrane to various substrates. It is used in conjunction with an IB 3" insulation plate and 2" and 2-3/8" barbed seam plates.

**Sizes:**

1-1/4" - 12"

\*Special order (See table)

**Packaging:**

The fasteners come pre-packaged in a plastic bucket. See table for quantity and weights. Includes one #3 phillips bit.

**Features:**

- 10 threads per inch for ease of installation in concrete roof decks
- Low profile truss head
- Deep #3 recess provides for ultimate bit engagement
- The Dekfast reduced drill point provides for ultimate pull-out values by producing a minimum opening. Thread engagement is superior as compared to standard drill points
- E-coat meets F.M. Approval Standard 4470

**Application:**

The IB HD #14 Roofing Fastener must penetrate steel decks a minimum of 3/4", wood plank decks a minimum of 1" and 1/2" through the underside for plywood decks. Using a screw gun, drive the fastener until a slight depression is seen around the plate, or with very rigid insulation boards, watch for the plate to dimple. Note: Care must be taken not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate doesn't turn.

**Approvals:**

- Factory Mutual (F.M.)
- Miami-Dade County (MD)
- Florida Building Code (FBC)
- International Codes Council Evaluation Services (ICC-ES)
- Texas Department of Insurance (TDI)

**Fastener Properties:**

Head: #3 Phillips  
 Head Height: .118" max  
 Head Diameter: .448" max  
 Thread Major Diameter: .238"  
 Shank Diameter: .180"  
 Threads Per Inch: 10



Length	Thread Length	Packaging	Weight
1-1/4"	Full	1000	12 lbs.
1-3/4"	Full	1000	16 lbs.
2"	Full	1000	19 lbs.
3"	Full	1000	24 lbs.
4"	Full	1000	30 lbs.
5"	4"	500	45 lbs.
6"	4"	500	46 lbs.
7"	4"	500	28 lbs.
8"	4"	500	31 lbs.
* 9"	4"	500	34 lbs.
* 10"	4"	500	38 lbs.
* 12"	4"	250	45 lbs.

Note: Thread length measured from tip of drill point to end of threads

**Strength (lbs. ult.):**

Tensile: 3600  
 Torsional: 110 in-lbs min.  
 Shear: 2630

**Typical Pull-out values (lbs. avg.):**

Steel 22 ga: 540  
 Steel 20 ga: 630  
 Steel 18 ga: 900  
 4000 psi Concrete (1" penetration): 850  
 3/4" Plywood: 590  
 2x Dimensional Lumber (1" penetration): 605