

IB XHD #15 Roofing Fastener

Product Description:

The IB XHD #15 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:

2" - 16"

*Special order (See table)

Packaging:

The fasteners come pre-packaged in a plastic bucket. See graph for quantity and weights.

Features:

- Drill point design prevents fastener walking
- 13 threads per inch provides higher pull-out values
- Drill point cuts through gravel and BUR
- Above average pull out values in 24 & 26 ga metal
- E-coat meets F.M. Approval Standard 4470

Application:

The IB XHD #15 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: 130" max
 Head Diameter: 448" max
 Thread Major Diameter: 263"
 Shank Diameter: 204"
 Threads Per Inch: 13



Length	Thread Length	Packaging	Weight
2"	Full	1000	24 lbs.
3"	Full	1000	30 lbs.
4"	Full	1000	42 lbs.
5"	4"	1000	51 lbs.
6"	4"	500	30 lbs.
7"	4"	500	35 lbs.
8"	4"	500	40 lbs.
* 9"	4"	500	45 lbs.
* 10"	4"	500	49 lbs.
* 12"	4"	250	29 lbs.
* 14"	4"	250	34 lbs.
* 16"	4"	250	38 lbs.

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

Strength (lbs ult.):

Tensile: 4350
 Torsional: 130 in-lbs min
 Shear: 3700

Typical Pull-out values (lbs avg.):

Steel 22 ga: 706
 Steel 20 ga: 898
 Steel 18 ga: 1140
 3/4" Plywood: 703
 2x Dimensional Lumber (1" penetration): 692
 4000 psi Concrete (1" penetration): 728

Non FM Approved Decks:

26 ga: 301
 24 ga: 453