

Technical Data Sheet: IB #14 Heavy Duty Roofing Fastener

Product Description: The IB #14 Heavy Duty Roofing Fastener is designed to secure insulation and Single-Ply to heavy steel (18 ga.– 22 ga.). It is available in lengths from 1 1/4" - 24". The IB #14 Heavy Duty Roofing Fastener is Factory Mutual and Dade County approved.

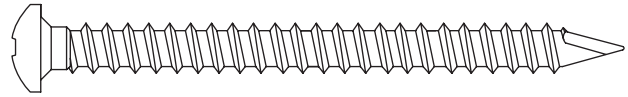
Advantages:

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

Application: The IB #14 Heavy Duty 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 screwshooter, 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: Listed as the load bearing fastener with F.M. Approvals, Miami Dade County (MD), Florida Building Code (FBC), International Codes Council Evaluation Services (ICC-ES), and Texas Department of Insurance (TDI).

IB #14 Heavy Duty Roofing Fastener



Cat. No.	Length	Thread Length	Packaging	Weight
6-HD001.25	1-1/4"	Full	1000	12 lbs.
6-HD001.75	1-3/4"	Full	1000	16 lbs.
6-HD002	2"	Full	1000	18 lbs.
6-HD003	3"	Full	1000	26 lbs.
6-HD004	4"	3"	1000	34 lbs.
6-HD005	5"	4"	500	22 lbs.
6-HD006	6"	4"	500	26 lbs.
6-HD007	7"	4"	500	30 lbs.
6-HD008	8"	4"	500	34 lbs.
6-HD009	9"	4"	500	37 lbs.
6-HD010	10"	4"	500	40 lbs.
6-HD011	11"	4"	500	44 lbs.
6-HD012	12"	4"	250	25 lbs.
6-HD014	14"	4"	250	29 lbs.
6-HD016	16"	4"	250	37 lbs.

The following data is constant for each IB #14 HD Roofing Fastener. **Thread Diameter:** .245
Shank Diameter: .190 **Head Diameter:** .435 **Head Style:** #3 Phillips Truss Head **Coating:** CR-10

IB #14 Heavy Duty Roofing Fastener Length Selection Procedure

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

See example.

Example

Existing Roofing: 1 3/4"
 New Insulation: 1/2"
 Min. Embedment: 3/4"
 Total Fastening: 3"

Existing Roofing: _____
 New Insulation: _____
 Min. Embedment: 3/4"
 Total Fastening: _____
 Range: _____
 Use this format to calculate your correct fastener size.

Range:

The proper #14 Heavy Duty Roofing Fastener for this example is 3".