

Technical Data Sheet: IB #12 Standard Roofing Fastener

Product Description: The IB #12 Standard Roofing Fastener is designed to secure insulation to heavy steel (18 ga. – 22 ga.). It is available in lengths from 1 5/8" – 8". The IB #12 Standard Roofing Fastener is Factory Mutual and Dade County approved.

Packaging: See graph for quantity and weights.

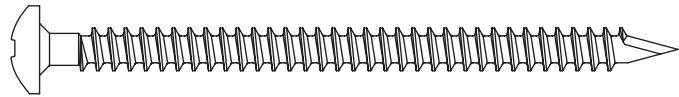
Advantages:

- The IB #12 Standard Roofing Fastener is designed to secure insulation to heavy steel and wood decks
- 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
- CR-10 corrosion resistant coating exhibits less than 15% red rust after 30 Kesternich cycles
- CR-10 coating exceeds F.M. Approval Standard 4470

Application: The IB #12 Standard Roofing Fastener must penetrate the deck a minimum of 3/4". Using a screw-shooter, drive the fastener until a slight depression is seen around the plate, or with very rigid insulation boards, watch for the plate to dimple. Use appropriate steel or plastic plates, depending upon the application. See Plates section. For best installation results use a variable speed 0-2500 rpm screw gun. See Accessories section. **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 #12 Standard Roofing Fastener



Cat. No.	Length	Thread Length	Packaging	Weight
6-0720	1-5/8"	Full	1000	12 lbs.
6-0730	2-1/4"	Full	1000	16 lbs.
6-0740	2-7/8"	Full	1000	19 lbs.
6-0750	3-1/4"	3"	1000	22 lbs.
6-0760	3-3/4"	3"	1000	25 lbs.
6-0770	4-1/2"	3"	1000	29 lbs.
6-0780	5"	3"	1000	35 lbs.
6-0790	6"	4"	1000	42 lbs.
6-0800	7"	4"	1000	48 lbs.
6-0810	8"	4"	1000	50 lbs.

The following data is constant for each #12 Standard Roofing Fastener. **Thread Diameter:** .220
Shank Diameter: .190 **Head Diameter:** .435 **Head Style:** #3 Phillips Truss Head **Coating:** CD-10

IB #12 Standard 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"
 Range:

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

The proper #12 Standard Roofing Fastener for this example is 3-1/4".