

# #14 Insulation Panel Fastener

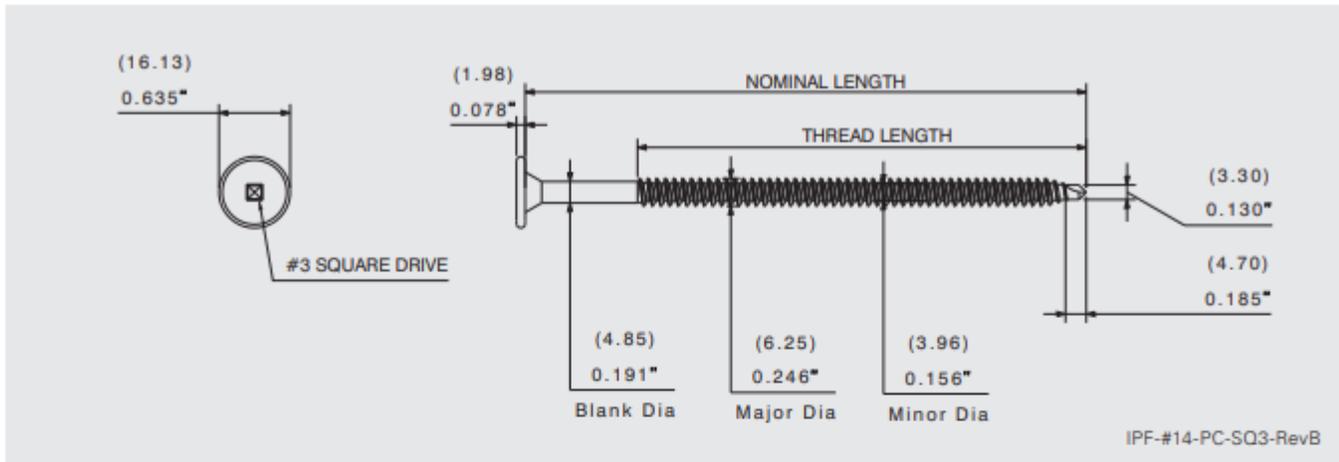


## Features and Benefits

- Extra stable #3 square drive
- Flat head profile provides for flush engagement to the nail board
- Oversized head reduces the number of fasteners required
- No plates required
- Drill point and high-strength thread profile ensure positive attachment
- Cathodic epoxy e-coat

## Application

Insulation panel and nail board attachment to steel and wood roof decks



## Coating and Corrosion

15/15 Kesternich per FM 4470  
800 hour salt spray per ASTM B117  
Cathodic epoxy e-coat

## Performance Data<sup>1,2</sup>

### Material Strength

Tensile	3500 lbf / 15569 N
Shear	2700 lbf / 12010 N
Torsional	125 lbf-in / 14.12 N-m

### Pull Out Strength

#### Wood - 1" Penetration

Face Grain:	823 lbf / 3661 N
Edge Grain:	845 lbf / 3759 N

### Pull Out Strength

#### Wood - 1-1/2" Penetration

Face Grain:	1344 lbf / 5978 N
Edge Grain:	1320 lbf / 5872 N

### Pull Out Strength

#### Grade E Steel Deck

22 Ga (0.8 mm):	498 lbf / 2215 N
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<sup>1</sup> SFS-SC12250.10.17

<sup>2</sup> SFS 5509.18

## Installation and Application Considerations

Tools: 1800–2500 rpm screw gun equipped with depth sensing nose piece. The standard carton package includes one #3 square drive bit.

### Material:

- Steel thickness from 22 ga (0.030 in.) through 18 ga (0.048 in.): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"
- Plywood and OSB: Min through penetration: 3/4"

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