

### Application

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



### Features and Benefits

- Extra stable #3 square drive
- Flat head profile provides for flush engagement to the nailboard
- 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

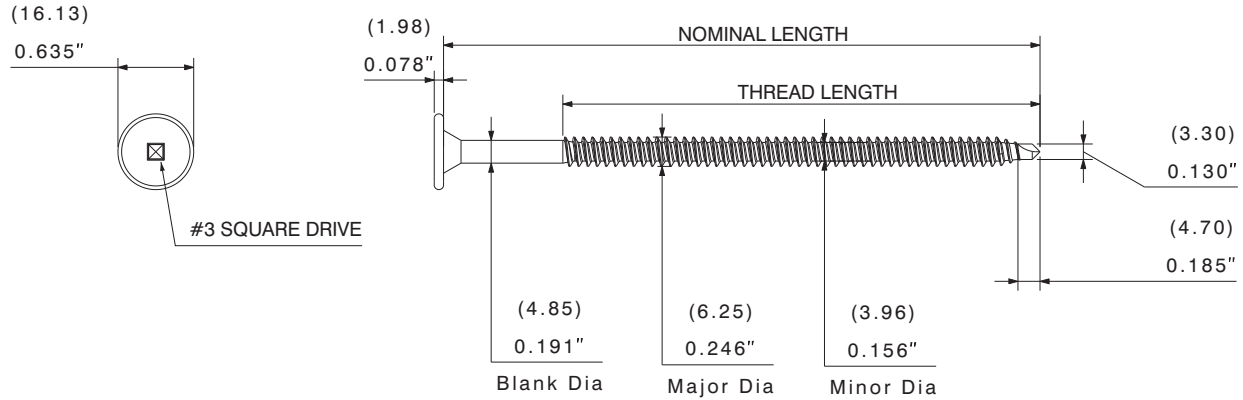
### Product Selection

Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
1119456	2-5/8"	1-1/2"	IPF-#14x2-5/8-PC-SQ3-E0999-B	15	500
1119468	3"	1-1/2"	IPF-#14x3-PC-SQ3-E0999-B	16	500
1119481	3-1/2"	3"	IPF-#14x3-1/2-PC-SQ3-E0999-B	18	500
1119482	4"	3"	IPF-#14x4-PC-SQ3-E0999-B	21	500
1119484	4-1/2"	3"	IPF-#14x4-1/2-PC-SQ3-E0999-B	23	500
1119486	5"	3"	IPF-#14x5-PC-SQ3-E0999-B	25	500
1119494	5-1/2"	3"	IPF-#14x5-1/2-PC-SQ3-E0999-B	27	500
1119495	6"	3"	IPF-#14x6-PC-SQ3-E0999-B	29	500
1119497	6-1/2"	3"	IPF-#14x6-1/2-PC-SQ3-E0999-B	31	500
1119501	7"	3"	IPF-#14x7-PC-SQ3-E0999-B	33	500
1119505	7-1/2"	3"	IPF-#14x7-1/2-PC-SQ3-E0999-B	34	500
786137	8"	3"	IPF-#14x8-PC-SQ3-E0999-B	18	250
1119513	8-1/2"	3"	IPF-#14x8-1/2-PC-SQ3-E0999-B	20	250
1119516	9"	3"	IPF-#14x9-PC-SQ3-E0999-B	20	250
1119539	10"	3"	IPF-#14x10-PC-SQ3-E0999-B	23	250

\* Note - Thread length measured from tip of the drill point to end of threads.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

### CAD Drawing: IPF-#14-PC-SQ3-RevB



### 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

Grade E Steel Deck
<b>22 Ga (0.8mm):</b> 498 lbf / 2215 N

#### 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

<sup>1</sup> SFS-SC12250.10.17

<sup>2</sup> SFS 5509.18

### Coating and Corrosion

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

### 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 (.030 in.) through 18 ga (.048 in.): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"

Metric values are approximate conversions.

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