

## Insulation Panel Fastener

## #14 #3 square drive, drill point

For use in vented and/or composite nailboard applications

- Flat profile head for flush engagement to the nailboard.
- No plates necessary.
- 5/8" oversized head reduces fastener patterns.
- e-coat

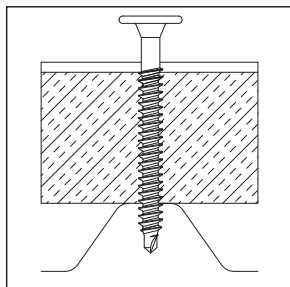
## Application

## Insulation Panel Fasteners

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Materials:

- Dimensional wood 2x (1-1/2" thick):  
Min penetration: 1"
- Steel thickness: 22-20-18 ga:  
Min penetration: 3/4"



Head: #3 square drive  
Head Dia: .645" – .620"  
Head Height: .078" – .072"  
Thread Major Dia: .245"  
Shank Dia: .190"

**Strength (lbs ult.):**

Tensile: 3500  
Shear: 2700  
Torque: 125 in-lbs

**Pull-out (1" penetration) (lbs avg.):**

Face Grain: 823  
Edge Grain: 845  
1-1/2" Penetration:  
Face Grain: 1344  
Edge Grain: 1320  
Grade E steel deck:  
22 ga (.030): 498

## Notes

Dimensions are nominal inches unless noted. Ultimate values listed are the result of laboratory testing. Pull-out (pounds ultimate) strength values may vary from tabulated loads depending upon specific wood density variation. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

## Selection

Fastener Length*Thread Length	Material No.	North American Code	Carton Wt. (lbs)	Carton Qty.	Skid Qty.
2-5/8" 1.5"	1119456	IPF-#14x2-5/8-PC-SQ3-E0999-B	15	500	30,000
3" 1.5"	1119468	IPF-#14x3-PC-SQ3-E0999-B	16	500	30,000
3-1/2" 3"	1119481	IPF-#14x3-1/2-PC-SQ3-E0999-B	18	500	30,000
4" 3"	1119482	IPF-#14x4-PC-SQ3-E0999-B	21	500	30,000
4-1/2" 3"	1119484	IPF-#14x4-1/2-PC-SQ3-E0999-B	23	500	30,000
5" 3"	1119486	IPF-#14x5-PC-SQ3-E0999-B	25	500	30,000
5-1/2" 3"	1119494	IPF-#14x5-1/2-PC-SQ3-E0999-B	27	500	30,000
6" 3"	1119495	IPF-#14x6-PC-SQ3-E0999-B	29	500	30,000
6-1/2" 3"	1119497	IPF-#14x6-1/2-PC-SQ3-E0999-B	31	500	30,000
7" 3"	1119501	IPF-#14x7-PC-SQ3-E0999-B	33	500	30,000
7-1/2" 3"	1119505	IPF-#14x7-1/2-PC-SQ3-E0999-B	34	500	30,000
8" 3"	786137	IPF-#14x8-PC-SQ3-E0999-B	18	250	15,000
8-1/2" 3"	1119513	IPF-#14x8-1/2-PC-SQ3-E0999-B	20	250	15,000
9" 3"	1119516	IPF-#14x9-PC-SQ3-E0999-B	20	250	10,000
10" 3"	1119539	IPF-#14x10-PC-SQ3-E0999-B	23	250	10,000

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

## Installation

Install fasteners with self-drill fastener installation tool or drill using caution to avoid fastener strip out.

The standard carton package includes one #3 square drive bit.