

#15

#3 Phillips drive, 13 tpi, drill point  
For insulation and membrane attachment to wood, steel, and structural concrete roof decks

- Available pre-assembled to Dekfast steel membrane plates for roof cover attachment and 3" round Dekflat for insulation attachment.
- Above average pull-out values in 24, 26 gauge metal panels.



Application

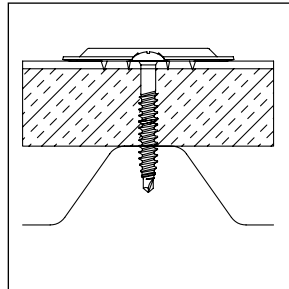
#15 High-Strength Phillips Head Insulation board to roof deck

Materials:

- Steel thickness from 26 ga (.019 in.) through 18 ga (.045 in.):  
Min penetration: 3/4"
- Plywood: Min thickness 3/4"  
FR treated; min through penetration: 1/4"
- Wood 2x (1-1/2" thick):  
Min penetration: 1"
- Structural concrete:  
Min penetration: 1"

Use with:

- Dekfast 2-7/8" hex plates
- Dekfast 3" round plastic Dekflat plates
- 3" round metal plates
- Batten Bar
- Steel membrane plates
- Other attachment elements approved by the roofing system manufacturer for use with their products



Head: #3 Phillips  
Head Height: .130" max  
Head Dia: .448" max  
Thread Major Dia: .263"  
Shank Dia: .204"  
Threads per Inch: 13

**Strength (lbs ult.):**

Tensile: 4350  
Torsional: 130 in-lbs min  
Shear: 3700

**Pull-out: (lbs avg.):**

22 ga: 706  
20 ga: 898  
18 ga: 1140  
3/4" plywood (through penetration): 703  
2x lumber (1-1/2" penetration): 692  
Concrete 4000 psi (1" penetration): 728  
Non FM Approved Decks:  
26 ga: 301  
24 ga: 453

Notes

Dimensions are nominal inches unless noted. Steel roof decks include all FM-approved 18-20-22 ga. FM-approved wood decks include 3/4" FR plywood and 2x dimensional lumber. Structural concrete to be predrilled with standard 7/32" carbide bit to minimum 1/2" deeper than fastener penetration.

Selection

Length	Part No.	Steel	Wood	Concrete	Carton Wt. (lbs)	Carton Qty.	Skid Qty.
1-1/4"	C2000-932P	Up to 1/4"	Up to 1/4"	Up to 1/4"	13	1,000	60,000
2"	C2010-932P	Up to 1-1/4"	Up to 1"	Up to 1"	20	1,000	60,000
3"	C2020-932P	Up to 2-1/4"	Up to 2"	1" to 2"	29	1,000	60,000
4"	C2030-932P	1-1/4" to 3-1/4"	1-1/4" to 3"	2" to 3"	38	1,000	60,000
5"	C2040-932P	1-1/4" to 4-1/4"	1-1/4" to 4"	3" to 4"	48	1,000	40,000
6"	C2050-932P	2-1/4" to 5-1/4"	2-1/4" to 5"	4" to 5"	29	500	30,000
7"	C2060-932P	3-1/4" to 6-1/4"	3-1/4" to 6"	5" to 6"	34	500	30,000
8"	C2070-932P	4-1/4" to 7-1/4"	4-1/4" to 7"	6" to 7"	38	500	30,000
10"	C2080-932P	6-1/4" to 9-1/4"	6-1/4" to 9"	8" to 9"	48	500	12,000
12"	C2090-932P	8-1/4" to 11-1/4"	8-1/4" to 11"	10" to 11"	57	250	6,000
14"	C2100-932P	10-1/4" to 13-1/4"	10-1/4" to 13"	12" to 13"	66	250	6,000
16"	C2110-932P	12-1/4" to 15-1/4"	12-1/4" to 15"	14" to 15"	38	250	6,000
18"	C2120-932P	14-1/4" to 17-1/4"	14-1/4" to 17"	16" to 17"	42	250	6,000
20"	C2130-932P	16-1/4" to 19-1/4"	16-1/4" to 19"	18" to 19"	47	250	6,000
22"	C2140-932P	18-1/4" to 21-1/4"	18-1/4" to 21"	20" to 21"	51	250	6,000
24"	C2150-932P	20-1/4" to 23-1/4"	20-1/4" to 23"	22" to 23"	56	250	6,000
26"	C2160-932P	22-1/4" to 25-1/4"	22-1/4" to 25"	24" to 25"	61	250	6,000

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### Approvals

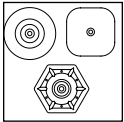
Dekfast fasteners are Factory Mutual approved for attachment of insulation board and/or roof cover to roof deck. Refer to FM Approval Guide and Supplements for current FM approved insulation fastening patterns. #15 fasteners exceed Factory Mutual corrosion-resistance Standard 4470.

### Installation

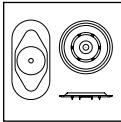
Tools: 2000 – 2500 rpm screw guns and #3 hardened Phillips bit. For structural concrete, 7/32" carbide bit and 1500 rpm screw gun or hammer drill in hammer mode.

### Options

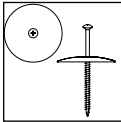
**Insulation Plates**



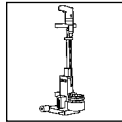
**Membrane Plates**



**Assemblies**



**Installation Tools**



**Drill Bits**



**Coatings**

