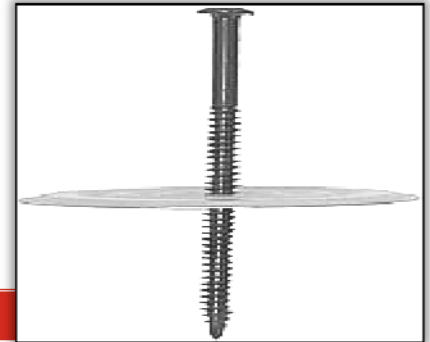


Pre-Assembled Heavy-Duty Fastener and Insulation Plate

Item Number:

- 3" W56RAC4003
- 4" W56RAC4004
- 5" W56RAC4005
- 6" W56RAC4006
- 7" W56RAC4007
- 8" W56RAC4008
- 10" W56RAC4010



Product Information

Description:

The Firestone Pre-Assembled Heavy-Duty Fastener and Insulation Plate is specifically designed to be used in all Firestone roof systems to pre-attach insulation or base sheets to steel, wood decks, and 3000 psi structural concrete.

Product Packaging

Screw Length	Thread Length	Pieces per Plastic Pail	Pails per Pallet
3" (76.2 mm)	Full	250	40
4" (101.6 mm)	3" (76.2 mm)	250	40
5" (127.0 mm)	4" (101.6)	250	24
6" (152.4 mm)	4" (101.6)	250	24
7" (177.8 mm)	4" (101.6)	250	24
8" (203.2mm)	4" (101.6)	250	24

Method of Application:

- Position assembly over roof insulation or base sheet as specified in current Firestone Technical Specifications and Details by hand or by using Firestone’s SETTER TOOL (W563582035).
- Using Firestone’s STAND-UP TOOL (W563582039), drive the fastener into the deck the appropriate depth, being careful not to over or under drive (conventional drills may be used to drive the fasteners). One (1) #3 Phillips drive bit is included in every four cartons.

Note: Structural concrete requires pre-drilling using a hammer drill in impact mode with a 7/32" (5.56 mm) carbide drill bit. Install fasteners by using a variable speed drill at a maximum of 1,500 rpm.

- Steel Decks: Select fastener length to penetrate through the deck a minimum of ¾" (19.1 mm).
- Wood Decks: Select fastener length to penetrate into or through deck a minimum of 1" (25.4 mm).

Storage:

Store in original, unopened packaging protected from the weather.

Precautions:

Eye protection must be worn during the installation of the fasteners and during any drilling operation.

Pre-Assembled Heavy-Duty Fastener and Insulation Plate

LEED® Information:

Postconsumer Recycled Content: 0%
 Preconsumer Recycled Content: 24-27%
 Manufacturing Locations: Bensenville, IL
 *NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



Physical Properties

<u>Property: Metal Insulation Plate</u>	<u>Typical Performance</u>
Material:	AZ50 min Galvalume® Sheet Steel
Thickness:	0.017" (.43 mm)-0.023" (.58mm)
Diameter:	3" (76 mm) Round Plate
Corrosion Resistant:	Meets requirements of FM 4470.
Pull Through Resistance:	Min. 400 lb (181.4 kg)
<u>Property: Fastener</u>	
Material:	SAE 1022 heat treated steel
Thread Diameter:	Nominal 0.2135" (5.42 mm) Major dia., 13 Threads/Inch
Thread Type:	Buttress
Point Style:	Drill Point
Screw Pullout:	
New 22 ga. (.76 mm Steel) Deck	
Grade C (33 ksi)	595 lb (270 kg) min.
Grade E (80 ksi)	650 lb (295 kg) min.
New ½" (12.7 mm) Plywood	Min. 375 lb (170.1 kg)
New Structural Concrete	700 lb (317 kg) min.
Corrosion Resistant Coating:	Electrocoating of Firestone's fasteners exhibit 15% or less red rust after 30 cycles of Kesternich and exceed requirements of FM 4470.
Color:	Red (PMS 485)

Galvalume® is a registered trademark of BIEC International, Inc

Please contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.