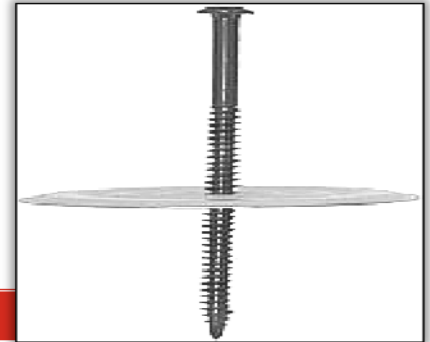


TECHNICAL INFORMATION SHEET

Pre-Assembled #12 Fastener and Plate

Item Number:

2 ¼" W56RAC4162	7" W56RAC4169
2 ⅞" W56RAC4163	8" W56RAC4170
3 ¼" W56RAC4164	
3 ¾" W56RAC4165	
4 ½" W56RAC4166	
5" W56RAC4167	
6" W56RAC4168	



Product Information

Description:

The Firestone Pre-Assembled #12 Fastener and Plate is specifically designed to be used in all Firestone roof systems to pre-attach insulation or base sheets to steel and wood decks.

Product Packaging

Screw Length	Thread Length	Pieces per Plastic Pail	Pails per Pallet
2 ¼" (57.15 mm)	Full	250	40
2 ⅞" (73.03 mm)	Full	250	40
3 ¼" (82.55 mm)	Full	250	40
3 ¾" (95.25 mm)	Full	250	40
4 ½" (114.3 mm)	4" (101.6)	250	24
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:

1. 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).
2. 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: These fasteners may not work as expected through existing roof systems or unusual substrates. Consideration should be given to using Firestone HD fasteners in these instances.

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.

TECHNICAL INFORMATION SHEET

Pre-Assembled #12 Fastener and Plate

LEED® Information:

Post Consumer Recycled Content: 0%

Pre Consumer Recycled Content: 25%

Manufacturing Locations: Bryan, OH

*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., 15½ Threads/Inch
Thread Type:	Double Lead
Point Style:	Drill Point
Screw Pullout:	
New 22 ga. (.76 mm) Steel Deck	Min. 400 lb (181.4 kg)
New 15/32" (11.9 mm) Plywood	Min. 375 lb (170.1 kg)
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 Quality Building Services Technical Department at 1-800-428-4511 for further information.

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