



All-Purpose Fastener

Firestone Item Number:

<u>Red</u>		<u>White*</u>	
1-1/4":	W56RAC4200	1-1/4":	W56RAC4199
1-5/8":	W56RAC4201	2-1/4":	W56RAC4215
2-1/4":	W56RAC4202	2-7/8":	W56RAC4216
2-7/8":	W56RAC4203	3-1/4":	W56RAC4217
3-1/4":	W56RAC4204	3-3/4":	W56RAC4218
3-3/4":	W56RAC4205	4-1/2":	W56RAC4219
4-1/2":	W56RAC4206	5":	W56RAC4220
5":	W56RAC4207	6":	W56RAC4221
6":	W56RAC4208	7":	W56RAC4222
7":	W56RAC4209	8":	W56RAC4223
8":	W56RAC4210		

*Firestone is not responsible for, nor guarantees that the white coating will remain on the fastener during or after installation.

Because the coating on Firestone's white fasteners is removed to some degree during the installation process, Firestone suggests that 1) the building owner be made aware of the expectations of the white fasteners and that re-painting of the deck may be required after roofing is complete or 2) any deck painting take place after the roof is installed. In this case, any color of screw will work.

DESCRIPTION:

Firestone All-Purpose Fasteners are used in roofing applications for the attachment of roofing insulation and base sheets in combination with Firestone Insulation Plates and attachment of Firestone Batten Strips, Seam Plates, Termination Bars, and other accessories to steel and wood substrates where approved by Firestone Technical Specifications. The Firestone All-Purpose Fastener is Factory Mutual (FM) approved.

METHOD OF APPLICATION:

Using the #3 Phillips tip provided, and a variable speed drill, engage the fastener into the deck as noted below, taking care not to over or under drive the fastener. Threads must engage the decking material per Firestone Technical Specifications.

PRECAUTIONS:

- Eye protection must be worn during the installation of the fasteners.

Note: All-Purpose 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.

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PRODUCT DATA

Property

Material:	SAE 1022, heat treated steel
Thread Size:	.235"(6.5 mm)
Threads/Inch:	13
Thread Design:	Symmetrical
Fastener Tip:	Drill point
Fastener Head:	#3 Phillips drive
Pullout in New 22 ga. (0.76 mm) Steel Deck:	
Grade C (Grade 33):	360 lb (163.3 kg)
Grade E (Grade 80):	400 lb (191.4 kg)
Pullout in New 3/4" (19.0 mm) Plywood Deck:	400 lb (181.4 kg)
Corrosion Resistant Coating:	Red epoxy applied by Electrocoating

<u>Screw Length</u>	<u>Thread Length</u>	<u>Pieces/ Plastic Pail</u>
1-1/4" (31.75 mm)	Full	1,000
1-5/8" (41.28 mm)	Full	1,000
2-1/4" (57.15 mm)	Full	1,000
2-7/8" (73.03 mm)	Full	1,000
3-1/4" (82.55 mm)	3" (76.2 mm)	1,000
3-3/4" (95.25 mm)	3" (76.2 mm)	1,000
4-1/2" (114.3 mm)	3" (76.2 mm)	1,000
5" (127.0 mm)	4" (101.6 mm)	1,000
6" (152.4 mm)	4" (101.6 mm)	1,000
7" (177.8 mm)	4" (101.6 mm)	500
8" (203.2 mm)	4" (101.6 mm)	500

Typical color is red.

Determine required screw length as follows:

- Steel Decks: Select fastener length to penetrate through the deck a minimum of 3/4" (19.1 mm).
- Wood Decks: Select fastener length to penetrate into or through the deck a minimum of 1" (25.4 mm).

LEED INFORMATION:

Post Consumer Recycled Content:	25%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Bryan, OH



Subject to the conditions of Approval when installed as described in the current edition of the FM Approval Guide

Firestone Building Products Company
A Division of BFS Diversified Products, LLC
310 E. 96th Street, Indianapolis, IN 46240
Sales: (800) 428-4442 • Technical (800) 428-4511
www.firestonebpc.com