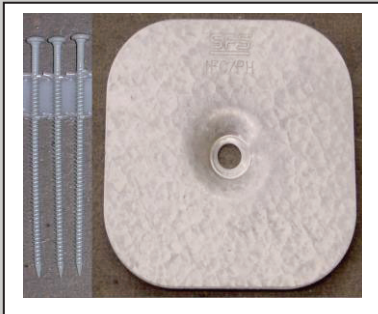


Technical Information Sheet



IsoFast™ #12 Belted Fasteners and Insulation Plates

Size	Item Number	Size	Item Number
2 1/4"	W56RACB22A	4 1/2"	W56RACB24A
2 7/8"	W56RACB22B	5"	W56RACB25A
3 1/4"	W56RACB23A	6"	W56RACB26A
3 3/4"	W56RACB23B	2 3/4" Square Insulation Plate	W56RACBPIN

Description

IsoFast #12 Belted Fasteners are designed for the attachment of insulation to steel (18-22 gage) and wood. The IsoFast Belted Fasteners must be installed with the IF 160 or IF 240 automatic installation tool available from SFS intec, Inc. When used for insulation attachment, the 2.75" x 2.75" (69.9 mm x 69.9 mm) plate is used. Use of the automatic installation tool ensures reliable and consistent fastener and plate setting.

Method of Application

1. Follow the operating instructions packaged with each IF 160 or IF 240 automatic fastening tool.
2. The belted fasteners and square insulation plates are loaded into the tool as described in the instructions.
3. Care must be taken during installation so that the plates are installed flat on the insulation material and can no longer be turned using two fingers.
4. Plates should be installed in accordance with the specific system as described in the Elevate Technical Manual.

Determine required screw length as follows:

Steel Decks: Select fastener length to penetrate through the deck a minimum of 3/4" (19 mm)

Wood Decks: Select fastener length to penetrate through the deck a minimum of 1" (25.4 mm)

Storage

Store in original, unopened packaging protected from the weather.

Precautions

- When using the automatic setting tool, appropriate safety precautions must be taken to prevent slipping or falling, depending on the pitch of the roof and the condition of the roofing surface (moisture, frost, ice, etc.).
- The setting tool must only be rolled forwards when in operation

LEED® Information

Post-Consumer Recycled Content: 0%
 Pre-Consumer Recycled Content: 0%
 Manufacturing Location: Bryan, OH
 Wyomissing, PA



NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties	
Properties: Metal Insulation Plate	Value
Material	Low carbon steel, AZ 50 Galvalume®
Thickness	0.019" (.48 mm)
Corrosion Resistant	Meets requirements of FM 4470
Pull Through Resistance	Min. 400 lb (181.4 kg)
Properties: Fastener	Value
Material	Case hardened carbon steel
Thread Diameter	0.222" (5.6 mm)
Shank Diameter	0.167" (4.2 mm)
Head Diameter	0.448" (11.4 mm)
Head Style	#3 Phillips
Point Style	Pinch Point
Corrosion Resistant Coating	Gray Sentri XP exceeds requirements of FM 4470

*Galvalume® is a registered trademark of BIEC International, Inc

Please contact Holcim Technical Services at 800-428-4511 for further information.

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