

Technical Information Sheet



Purlin Fasteners Black E-Coated

Size	Item Number	Size	Item Number
2 3/4"	W56RAC4382	6 3/4"	W56RAC4386
3 3/4"	W56RAC4383	7 3/4"	W56RAC4387
4 3/4"	W56RAC4384	8 3/4"	W56RAC4289
5 3/4"	W56RAC4385		

Description

Purlin Fasteners are used to attach membrane and QuickSeam™ R.M.A. Strip to 16 gauge (3/16") structural steel purlins where allowed by Elevate specifications. The Purlin Fastener can be used in conjunction with Elevate 2" (50.8 mm) Seam Plates, Elevate Heavy Duty Seam Plates, Elevate V-Plates, InvisiWeld Plates, and Elevate Batten Strips.

Method of Application

1. Screw length should be selected to penetrate through the purlin a minimum of 1 1/2" (38 mm). The Purlin Fasteners are manufactured with a 3/4" (19 mm) extended tip. The minimum penetration includes the 3/4" (19 mm) tip.
2. Using the #3 square drive tip provided, engage the fastener into the purlin, taking care not to over or under drive the fastener. Threads must engage the purlin a minimum of 1 1/2" (38 mm).
3. A maximum 1800 rpm speed screw gun is recommended for installation.

Storage

Store in original, unopened packaging protected from the weather.

Precautions

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

LEED® Information

Post-Consumer Recycled Content: 20%
 Pre-Consumer Recycled Content: 0%
 Manufacturing Location: Bryan, OH



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

Product Packaging		
Fastener Length	Thread Length	Pieces per Plastic Pail
2 ³ / ₄ " (69.9 mm)	Full	1,000
3 ³ / ₄ " (95.3 mm)	3 ³ / ₈ " (66.7 mm)	1,000
4 ³ / ₄ " (120.7 mm)	3 ³ / ₈ " (66.7 mm)	1,000
5 ³ / ₄ " (146.1 mm)	3 ³ / ₈ " (66.7 mm)	1,000
6 ³ / ₄ " (171.5 mm)	3 ³ / ₈ " (66.7 mm)	1,000
7 ³ / ₄ " (196.9 mm)	3 ³ / ₈ " (66.7 mm)	500
8 ³ / ₄ " (222.3 mm)	3 ³ / ₈ " (66.7 mm)	500

Typical Properties	
Property	Typical Performance
Material	C-1022 steel, heat-treated
Color	Black
Thread Size	0.207" diameter (5.26 mm)
Threads per Inch	24
Fastener Tip	Two flute special formed drill point
Fastener Head	#3 Square Pancake, standard recess
Typical Pullout in a 16 ga. Purlin	860 lbf (3.8 kN)
Corrosion Coating	Epoxy Coating by Electro Deposition

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

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim 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 Holcim representative is authorized to vary this disclaimer.