

RetroDriller Fasteners



Overview

Versico's RetroDriller Fasteners are used to attach single-ply membrane systems to structural steel purlins (up to $\frac{3}{16}$ ") in standing-seam metal roof retrofit applications. RetroDriller Fasteners have a $\frac{1}{2}$ " drill point that quickly drills into structural purlins. RetroDriller Fasteners are Factory Mutual (FM) Approved.

Please note: RetroDriller Fasteners are manufactured with a $\frac{1}{2}$ " (13 mm) drill point. The minimum penetration of 1 $\frac{1}{4}$ " includes the $\frac{1}{2}$ " extension.

Features and Benefits

- Depending on hardness/tensile of the purlins or joist, the RetroDriller Fastener may be used on steel up to $\frac{3}{16}$ " thick
- Low-profile head has a smooth surface to help ensure that there is no damage to the membrane
- Corrosion-resistant coating exhibits less than 15% red rust after 30 Kesternich cycles, exceeding FM Approval Standard 4470

Installation

1. The RetroDriller Fastener must penetrate through the purlin a minimum of 1 $\frac{1}{4}$ ".
2. Using a screw gun with a maximum of 1800 RPM, drive the fastener through the purlin until a slight depression is seen around the plate.

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

Precautions

1. Care must be taken not to overdrive the fastener or cause the stress plate to deflect more than $\frac{1}{16}$ ". Overdriving can damage the insulation facer.
2. Eye protection is recommended during drilling and installation.

Packaging Information

Size - Inches (mm)	Weight/Carton (Kg)	Length - Inches (mm)	Packaging Fasteners/Carton
4 (101.6)	19 lbs (8.61)	3 (76.2)	500
5 (127)	21 lbs (9.53)	3 (76.2)	500
6 (152.4)	25 lbs (11.34)	3 (76.2)	500
8 (203.2)	32 lbs (14.52)	3 (76.2)	500
10 (254)	40 lbs (18.14)	3 (76.2)	500

Typical Properties and Characteristics

Head	#3 Square .425 (10.79 mm) Diameter
Thread	.230 (5.84 mm) Diameter
Shank	.194" (4.92 mm) Diameter
Coating	CR-10

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.



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