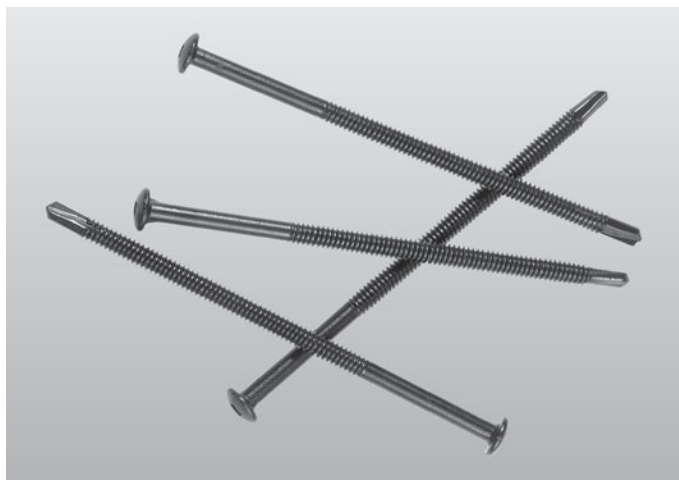


RetroDriller Fasteners



Overview

Carlisle'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 $\frac{1}{4}$ " 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 $\frac{1}{4}$ ".
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 Carlisle specifications and details for complete installation information.

Precautions

- » 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.
- » Eye protection is recommended during drilling and installation.

Packaging Information

Size – Inches (mm)	Weight/Carton (Kg)	Thread 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 are intended as a guide and do not reflect the specification range for any particular property of this product.