

# WeatherBond

## RetroDriller Fasteners



### Overview

WeatherBond'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 WEATHERBOND INSTALLATION INSTRUCTIONS 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.



**WEATHERBOND**  
ROOFING SYSTEMS

Single-Ply Simplified

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