



RetroDriller Fastener

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG RetroDriller Fastener is designed for attaching single-ply membrane systems to structural steel purlins (up to 5 mm [$\frac{3}{16}$ -in.]) in standing seam metal roof retrofit applications.

The OMG RetroDriller Fastener has a 13 mm ($\frac{1}{2}$ -in.) drill point that quickly drills into structural purlins. It is available in five lengths from 100 to 255 mm (4 to 10-in.) and is Factory Mutual approved.

FEATURES & BENEFITS

- Depending on hardness/tensile of the purlins or bar joist, the RetroDriller Fastener may be used on steel up to 5 mm ($\frac{3}{16}$ -in.) thick.
- Low profile head has a smooth surface to ensure that there is no damage to the membrane.
- FM Approved.

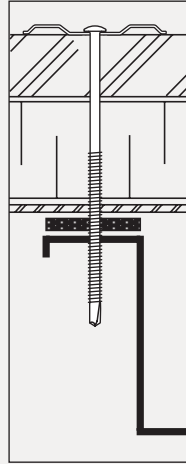
COATING

OMG CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and ETAG 006.

APPLICATION

The OMG RetroDriller Fastener must penetrate through the purlin a minimum of 25 mm (1-in.).

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.



Note: Caution should be taken not to overdrive the fastener causing stress plate surface to deflect more than 1.6 mm ($\frac{1}{16}$ -in.). Prior to job bid, contact OMG to visit the job site for pullout test.

PLATES & ACCESSORIES

Use 80 mm (3-in.) RhinoBond® (TPO or PVC) insulation plate or other plate as appropriate.



For best installation results, use a high torque, low RPM screw gun with a maximum of 1800 RPM.

APPROVALS



Factory Mutual listings refer to this product as RetroDriller Fastener.



USE WITH **P** DECK TYPES

PHYSICAL DATA†

The data below is constant for each OMG RetroDriller Fastener.

HEAD		THREAD	
#3 Square 10.79 (.425") Diameter		5.84 mm (.230") Diameter	
SHANK		COATING	
4.92 mm (.194") Diameter		CR-10	

ORDERING INFORMATION

CAT. NO.	LENGTH MM (IN)	THREAD MM (IN)	PKG QTY	WEIGHT KG (LBS)
RDDP004B	100 (4)	75 (3)	500	8.62 (19)
RDDP005B	125 (5)	75 (3)	500	9.53 (21)
RDDP006B	150 (6)	75 (3)	500	11.35 (25)
RDDP007B	175 (7)	75 (3)	500	14.07 (31)
RDDP008B	200 (8)	75 (3)	500	14.52 (32)
RDDP010B	255 (10)	75 (3)	500	18.16 (40)

Each RetroDriller Fastener has a 13 mm ($\frac{1}{2}$ -in.) drill point. Fastener must be installed with a minimum 25 mm (1-in.) penetration through the purlin.

*All sizes are nominal.

KEY:

S Steel	SC Structural Concrete
W Wood	LC Lightweight Concrete
G Gypsum	LWIC Lightweight Insulating Concrete
P Purlins	CWIF Cementitious Wood Fiber



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