



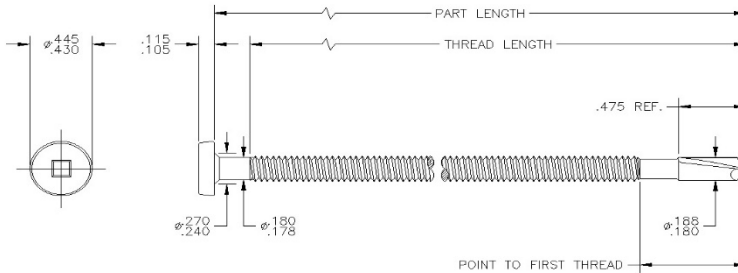
PFC PURLIN FASTENER

PRODUCT DESCRIPTION

The PFC Purlin Fastener is a self-drilling fastener engineered to secure single-ply roofing membrane to structural steel purlins (16 ga. to 3/16") in standing seam metal roof recover applications. The specially designed 3/4" long pilot point prevents the existing metal roof panel from "jacking" up during the drilling operation, thereby reducing point burnout and breakage.

APPROPRIATE ACCESSORIES

2.4" Seam Plates and 3" RhinoBond Plates are designed to be used with the PFC Purlin Fastener.



PRODUCT SPECIFICATIONS

Material: SAE C1022, heat treated

Coating: Tru-Kote™ Epoxy E-Coat

Fastener Length	Thread Length	Pkg. Qty.	Pkg. Wt.
1-3/8"	3/4" (Full)	2500/Bucket	27.8 lbs.
2-3/4"	2.0" (Full)	1000/Bucket	20.4 lbs.
3-3/4"	3-3/8"	1000/Bucket	27.4 lbs.
4-3/4"	3-3/8"	1000/Bucket	35.1 lbs.
5-3/4"	3-3/8"	1000/Bucket	41.8 lbs.
6-3/4"	3-3/8"	1000/Bucket	49.3 lbs.
7-3/4"	3-3/8"	500/Bucket	28.1 lbs.
8-3/4"	3-3/8"	500/Bucket	37.1 lbs.

Property	Standard	Average Ultimate Value
Tensile Strength:	ASTM F606-10	3500 lb.
Shear Strength:	NASM 1312-20	2300 lb. (thread zone)
Corrosion Resistance:	FM 4470, ASTM D6294, DIN 50018	< 15% Red Rust after 30 cycles

AVERAGE ULTIMATE PULLOUT VALUES IN STRUCTURAL STEEL

Thickness	16 ga.	12 ga.	1/8"
Pullout (lbf.)	860	1750	1970

LEED® INFORMATION

LEED® Information	
Manufacturing Location	Bryan, OH
Recycled Content	20%

INSTALLATION GUIDELINES

Using the #3 square drive bit provided and a 0-1800 rpm screw gun, install the fastener into the steel purlin. The fastener must penetrate the purlin a minimum of 1", as measured from the underside of the purlin to the fastener tip. Care should be taken to orient the fastener perpendicular to the deck and not to over drive the fastener to prevent damage to the insulation or membrane.

NOTE

The performance specifications published in this Mule-Hide Product Data Sheet are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by Mule-Hide Products Co., Inc. or its supplier, since the building design, engineering and construction (including workmanship and materials) are beyond our control. Mule-Hide recommends that fastener pull tests be conducted to verify the substrate provides adequate pullout resistance.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

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