

PERLOK PFC PURLIN FASTENER

ADVANTAGES

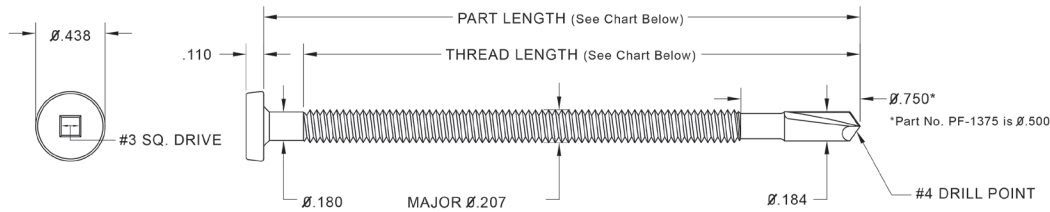
- ▶ Designed to secure insulation, coverboards and base sheets to structural steel purlins (12-18 gauge)
- ▶ Smaller shank diameter vs the drill point allows the fastener to penetrate and clear thick metal before the threads engage, thus reducing point burnout and breakage
- ▶ Epoxy coated for enhanced corrosion resistance
- ▶ 24 threads per inch provide superior pull-out values and back-out resistance

TYPICAL PROPERTIES *

PROPERTY	VALUE
Material	SAE C1022, heat treated
Coating	Epoxy E-Coat
Fastener Head	#3 Square drive
Fastener Tip	#4 Drill point
Head Diameter	.438 in
Thread Diameter	.207 in
Thread/Inch	24
Tensile Strength	3,500 lbf
Shear Strength	2,300 lbf (flute zone)
Corrosion Resistance	<15% Red rust after 30 cycles
Recycled content	20%

* All values shown are nominal

PRODUCT SPECIFICATIONS



PRODUCT PACKAGING

PART #	PART LENGTH		FLUTE LENGTH		PACKAGING		QTY/ PALLET
	Inches	MM	Inches	MM	QTY/Bucket	Weight (lb)	
PF-1375	1 3/8	34.9	3/4	19.1	2,500	27.8	200,000
PF-2750	2 3/4	69.9	2	50.8	1,000	20.4	80,000
PF-3750	3 3/4	95.3	3 3/8	85.7	1,000	27.4	80,000
PF-4750	4 3/4	120.7	3 3/8	85.7	1,000	35.1	60,000
PF-5750	5 3/4	146.1	3 3/8	85.7	1,000	41.8	60,000
PF-6750	6 3/4	171.5	3 3/8	85.7	1,000	49.3	60,000
PF-7750	7 3/4	196.9	3 3/8	85.7	500	28.1	40,000
PF-8750	8 3/4	222.3	3 3/8	85.7	500	37.1	30,000

* All values shown are nominal

AVERAGE ULTIMATE PULLOUT VALUES

For Structural Steel Decks (lbf)

PROPERTY	THICKNESS (gauge)		
	16	12	11
Tensile Strength	860	1,750	1,970

For Corrugated Steel (lbf)

PROPERTY	YIELD STRENGTH (ksi)		
	33.0	80.0	102.0
Tensile Strength	550	870	1,020

INSTALLATION

Using the #3 square drive bit provided and a 0-1800 rpm screw gun, install the fastener into the steel purlin. The fastener embedment into the deck should be 1 inch. Care should be taken not to damage the insulation or membrane by over driving the fastener.

Performance Roof Systems advises that pullout tests be performed prior to application to verify the substrate provides adequate pull-out values.

APPROVED ACCESSORIES

- PERLOK 2" and 2.4" Barbed Metal Seam Plates
- PERLOK Flat Batten Bar



Enlarged to show detail