

WeatherBond

HPW Fasteners



Overview

WeatherBond's HPW Fastener is used with various WeatherBond fastening plates to secure membrane, insulation, and Reinforced Perimeter Strip (RPS) to a variety of substrates. Specially designed for securement of membrane on WeatherBond EPDM mechanically attached systems, WeatherBond's HPW Fasteners are compatible with 22-gauge and heavier steel, CDX plywood, and wood plank deck types. The HPW Fasteners are designed to offer a good combination of pull-out, back-out, and corrosion resistance with excellent driving performance.

Features and Benefits

- Buttress thread design and wide surface contact provide increased pull-out and back-out resistance
- Can be used on wood (minimum $\frac{15}{32}$ " [12 mm] CDX plywood) and steel decks (22-gauge [0.76 mm] or heavier)
- Mini drill-point is designed to maximize installation efficiency
- Excellent corrosion resistance, surpassing the FM 4470 corrosion test

Installation

No pre-drilling is necessary for wood and steel decks. Simply insert the HPW Fastener through an approved WeatherBond plate and install with a standard clutch drive electric screw gun (0–2,500 rpm). Optimum fastener performance is achieved when the fastener is installed perpendicular to the deck and into the top flutes of a steel deck.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.

Precautions

1. Eye protection is recommended during installation.
2. Use care to avoid over-torquing the fastener.

Typical Properties and Characteristics

Size – Inches (mm)	Weight/Cartron (Kg)	Thread Length – Inches (mm)	Packaging Fasteners (ctn)
1 ¼ (30)	12.4 lbs (5.62)	Full	1,000
2 (50.8)	18.25 lbs (8.27)	Full	1,000
3 (76.2)	24.85 lbs (11.27)	Full	1,000
4 (101.6)	32.2 lbs (14.60)	Full	1,000
5 (130)	39.4 lbs (17.87)	4 (100)	1,000
6 (150)	46.9 lbs (21.27)	4 (100)	1,000
7 (175)	27.7 lbs (12.56)	4 (100)	500
8 (200)	31.5 lbs (14.28)	4 (100)	500
9 (225)	35.8 lbs (16.23)	4 (100)	500
10 (250)	39.8 lbs (18.05)	4 (100)	500
11 (280)	42.6 lbs (19.32)	4 (100)	500
12 (300)	46.6 lbs (21.13)	4 (100)	500
13 (330)*	24.7 lbs (11.20)	4 (100)	250
14 (355)*	26.5 lbs (12.02)	4 (100)	250
15 (380)*	28.5 lbs (12.92)	4 (100)	250

*Please note: 13", 14", and 15" sizes are available in cardboard cartons only. 2"–12" available in stainless steel

	Steel Deck 22-Gauge or Heavier	Wood Deck $\frac{15}{32}$ " Plywood
Minimum Penetration	$\frac{3}{4}$ " (19 mm)	1" (25 mm)
Maximum Penetration	4" (100 mm)	4" (100 mm)
Typical Static Back-out	15.1 in lbs (1.7 N-m)	N/A
Typical Drill Times	1.5 seconds (18-gauge deck)	N/A

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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