

WeatherBond

HPW Fasteners



Overview

Specially designed for securement of membrane on WeatherBond's Reinforced EPDM mechanically attached systems, WeatherBond's HPW Fasteners are compatible with 22-gauge and heavier steel, CDX plywood, and wood plank deck types. The fasteners can also be used for insulation securement on mechanically attached TPO and PVC systems (not applicable for securing TPO and PVC membranes). 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 5/32" [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-driving 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 5/32" Plywood
Minimum Penetration	¾" (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

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P.O. Box 251 | Plainfield, PA 17081 | 866.471.5125 | FAX: 717.960.4034 | www.weatherbondroofing.com

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