

WeatherBond

Insulation Fasteners



Overview

WeatherBond's Insulation Fastener is a #12 fastener used in conjunction with WeatherBond's 3" (76 mm) Insulation Plate for insulation attachment in WeatherBond EPDM, PVC, and TPO mechanically attached and fully adhered roofing systems. Insulation Fasteners are compatible with wood (minimum 1/2" [12 mm] CDX plywood) and steel decks (22-gauge [0.76 mm] or heavier). Available in lengths from 1 1/8" (41 mm) to 8" (203 mm), the Insulation Fastener features a buttress thread design for high pull-out and back-out resistance and an extra-sharp space point for quick installation.

Features and Benefits

- Drill-point designed for maximum installation efficiency
- Black epoxy electro-deposition coating provides excellent corrosion resistance, surpassing the FM 4470 corrosion test
- Each bucket contains a #3 Phillips driver bit

Installation

Place Insulation Fastener and Insulation Plate at the desired location and install with a standard clutch drive screw gun. Since the fastener is self-drilling, no pre-drilling is necessary for wood and steel (18-gauge or less) decks. The minimum penetration depth (measured from the top surface) is 1" (25 mm) for wood and 3/4" (19 mm) for steel.

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. Fastener must be tight enough to keep the plate from turning.

Typical Properties and Characteristics

Size Inch (mm)	Weight/Ctn (Kg)	Thread Length Inch (mm)	Packaging Fasteners/Ctn
1 1/8 (41)	12 lbs (5.4)	Full	1,000
2 1/4 (57)	16 lbs (7.3)	Full	1,000
3 (76.2)	24 lbs (10.9)	Full	1,000
4 (101.6)	28 lbs (12.7)	3 (76)	1,000
5 (127)	35 lbs (15.9)	3 (76)	1,000
6 (152)	40 lbs (18.1)	4 (102)	1,000
7 (175)	48 lbs (21.8)	4 (102)	1,000
8 (203)	55 lbs (25.0)	4 (102)	1,000

Steel Deck 22-Gauge or Heavier

Typical Pull-Out Value	400 lbs. (181 kg)
Minimum Penetration	3/4" (19 mm)
Maximum Penetration	4" (100 mm)

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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