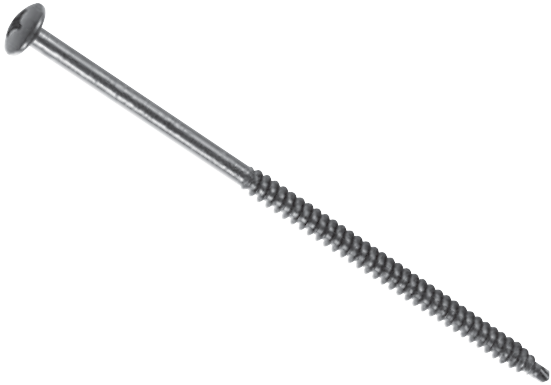


InsulFast™ Fastener



Overview

Carlisle's InsulFast Insulation Fastener is a #12 fastener used in conjunction with Carlisle's 3" (76 mm) Insulation Plate for insulation attachment in Sure-Seal®, Sure-White®, Sure-Flex™, and Sure-Weld® mechanically fastened and fully adhered roofing systems. InsulFast Insulation Fasteners are compatible with wood (minimum 1⁵/₈" [12 mm] CDX plywood) and steel decks (22-gauge [0.76 mm] or heavier). Available in lengths from 1 5/8" (41mm) to 8" (203 mm), the InsulFast Insulation Fastener features a buttress thread design for high pull-out and back-out resistance and a drill point for quick deck penetration.

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 the InsulFast Insulation Fastener and approved Carlisle 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.

Precautions

- » Eye protection is recommended during drilling and installation of fasteners.
- » Use care to avoid over-driving the fastener, but apply sufficient compression so that the plate doesn't turn.

Typical Properties and Characteristics

| Size – Inches (mm) | Weight/Bucket (Kg) | Thread Length – Inches (mm) | Packaging Fasteners/Carton |
|--------------------|--------------------|-----------------------------|----------------------------|
| 1 5/8 (41) | 12 lbs. (5.4) | Full | 1,000 |
| 2 1/4 (57) | 16 lbs. (7.3) | Full | 1,000 |
| 3 (76.2) | 24 lbs. (18.9) | 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 lbf. (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.