

# 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 1<sup>5</sup>/<sub>8</sub>" [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.