

Lite-Deck Fastener



Overview

Carlisle's Lite-Deck Fasteners are designed to secure insulation to gypsum and cementitious wood fiber decks, in conjunction with Lite-Deck Plates. They cannot be used to secure membrane. Lite-Deck Fasteners are Miami-Dade County and Factory Mutual (FM) Approved only for use with Lite-Deck insulation plates for fully adhered and insulation securement applications.

Features and Benefits

- » Deep, coarse thread provides high pull-out resistance
- » Can be installed into cementitious wood fiber decks without pre-drilling
- » 6-Lobe (T40) drive enhances installation and minimizes cam-outs
- » Corrosion-resistant coating exhibits less than 15% red rust after 30 Kesternich cycles, exceeding FM Approval Standard 4470

Installation

1. The Lite-Deck Fastener can be installed into cementitious wood fiber decks without pre-drilling. A pilot hole is required for gypsum; hole size is determined by pull-out results.
2. Using a screw gun, drive the fastener until a slight depression is seen around the plate. With very rigid insulation boards, watch for the plate to dimple.
3. The Lite-Deck Fastener must penetrate the deck a minimum of 2".

Review Carlisle specifications and details for complete installation information.

Precautions

- » Care must be taken not to overdrive the fastener; overdriving can damage the insulation facer and weaken securement.
- » Fasteners must be tight enough that the plate does not turn.
- » Eye protection is recommended during drilling and installation.

Packaging Information

Size – Inches (mm)	Weight/Carton (Kg)	Thread Length – Inches (mm)	Packaging Fasteners/ Carton
2 5/8 (66.67)	32 lbs (14.52)	1 3/4	500
3 (76.2)	36 lbs (16.33)	2 1/8	500
4 (101.6)	47 lbs (21.32)	3	500
5 (127)	30 lbs (13.61)	3	250
6 (152.4)	36 lbs (16.33)	3	250
7 (177.8)	41 lbs (18.6)	3	250
8 (203.2)	46 lbs (20.87)	3	250
9 (228.6)	26 lbs (11.79)	3	125
10 (254)	29 lbs (13.15)	3	125
12 (304.8)	34 lbs (15.42)	3	125

Typical Properties and Characteristics

Head	6-Lobe (T40) Drive Flat* .710 (18.03 mm) Diameter
Thread	.375 (9.53 mm) Diameter
Shank	.312" (7.92 mm) Diameter
Coating	CR-10

*Two 6-Lobe (T40) drive bits are included in each carton.

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information are intended as a guide and do not reflect the specification range for any particular property of this product.