

CD-10 Fasteners



Overview

Carlisle's CD-10 Fasteners are hammer-in, non-threaded fasteners designed to secure insulation and single-ply membranes to structural concrete. CD-10 Fasteners are Miami-Dade County and Factory Mutual (FM) Approved.

Features and Benefits

- » Strongest hammer-in fastener available
- » Diamond point allows easier installation and reduces the chance of hole damage
- » Split bulb exerts pressure on walls of hole, producing remarkable holding power
- » Typical pull-out values in cured concrete (3,000 psi) are over 800 lbs
- » Corrosion-resistant coating exhibits less than 15% red rust after 30 Kesternich cycles, exceeding FM Approval Standard 4470

Installation

1. Pre-drill a $\frac{7}{32}$ " hole using a carbide drill bit. The fastener is then installed with a 2-lb short-handle sledge hammer.
2. Minimum fastener embedment into the deck should be 1". The pre-drilled hole must be a minimum of $\frac{1}{2}$ " deeper than fastener embedment.
3. Care must be taken not to overdrive the fastener; overdriving can damage the insulation facer.

Review Carlisle specifications and details for complete installation information.

Precautions

- » A pull-out test is required prior to job start-up.
- » The pilot hole must be pre-drilled to a sufficient depth to prevent contact between the fastener tip and any accumulated dust in the in the pre-drilled hole. A minimum of $\frac{1}{2}$ " deeper than the fastener embedment is recommended.
- » Eye protection is recommended during drilling and installation.
- » The CD-10 should not totally penetrate the underside of the deck.
- » Do not overdrive the fastener; overdriving can damage the insulation facer.

Packaging Information

Size – Inches (mm)	Weight/Carton (Kg)	Fasteners/Carton
2 (50)	13 lbs (5.9)	500
2 ½ (63)	16 lbs (7.3)	500
3 (75)	18 lbs (8.2)	500
3 ½ (88)	21 lbs (9.5)	500
4 (100)	23 lbs (10.4)	500
4 ½ (115)	25 lbs (11.4)	500
5 (127)	28 lbs (12.7)	500
5 ½ (140)	31 lbs (14.0)	500
6 (150)	33 lbs (15.0)	500
7 (175)	38 lbs (17.3)	500
8 (200)	44 lbs (20.0)	500
9 (225)	25 lbs (11.4)	250
10 (250)	28 lbs (12.7)	250
11 (280)	31 lbs (14.0)	250
12 (300)	33 lbs (15.0)	250

Typical Properties and Characteristics

Head	Flat Top Pan .435" (11.04 mm) Diameter .115" (2.92 mm) Height
Split Bulb	.270/.277" (6.85/7.03 mm) Diameter
Coating	CR-10

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.