

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 |
| 3 (75) | 18 lbs (8.2) | 500 |
| 4 (100) | 23 lbs (10.4) | 500 |
| 5 (127) | 28 lbs (12.7) | 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.