### TECHNICAL DATA BULLETIN

# **CD-10 Fastener**



### Overview

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

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

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### Precautions

- A pullout 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 pre-drilled hole. A minimum 1/2" deeper than 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 1⁄2 (63)	16 lbs (7.3)	500
3 (75)	18 lbs (8.2)	500
3 1⁄2 (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 is intended as a guide and does not reflect the specification range for any particular property of this product.