

CARLISLE CD-10

GENERAL:

Carlisle CD-10 is a hammer-in non-threaded fastener specifically designed to be used with Carlisle's Insulation and Seam Fastening Plates to secure membrane, insulation and RUSS® strips to structural concrete. The Carlisle CD-10 is designed to offer the best combination of pullout, corrosion resistance and ease of installation.

TYPICAL PROPERTIES AND CHARACTERISTICS:

Size Inches (mm)	Weight/Carton Pounds (Kg)	Packaging Fasteners/Carton
2 (50)	13 (5.9)	500
2-1/2 (63)	16 (7.3)	500
3 (75)	18 (8.2)	500
3-1/2 (88)	21 (9.5)	500
4 (100)	23 (10.4)	500
4-1/2 (115)	25 (11.4)	500
5 (127)	28 (12.7)	500
5-1/2 (140)	31 (14.0)	500
6 (150)	33 (15.0)	500
7 (175)	38 (17.3)	500
8 (200)	44 (20.0)	500
9 (225)	25 (11.4)	250
10 (250)	28 (12.7)	250
11 (280)	31 (14.0)	250
12 (300)	33 (15.0)	250

- Typical pullout values in cured concrete (3,000 psi) are 1,000 to 1,200 lbs.
- Diamond point allows easier installation and less chance of hole damage.
- Black epoxy electro-deposition coating provides excellent corrosion resistance, surpassing the FM 4470 corrosion test of less than 15% red rust after 15 cycles in the Kesternich cabinet.
- Split bulb exerts pressure on walls of hole, producing remarkable holding power.

CAUTIONS AND WARNINGS:

- A pullout test is recommended 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. Recommend a minimum 1/2" deeper than fastener embedment.
- 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 causing subsequent damage to the insulation facer.

INSTALLATION:

Predrill a 7/32" diameter hole using a carbide tip SDS or straight shank bit. Insert the CD-10 through the appropriate plate and hammer it flush to the surface. Do not overdrive the fastener causing subsequent damage to the insulation facer. The minimum embedment depth is 1" (25.4 mm).

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