POLYGLASS CD-10

PRODUCT DESCRIPTION

The Polyglass CD-10 is a hammer-in, non-threaded fastener designed to secure insulation to structural concrete. This fastener is available in 2" – 12" (50 mm to 305 mm) lengths. The CD-10 is Factory Mutual approved.

FEATURES AND BENEFITS

- Diamond point allows easier installation and less chance of hole damage.
- Split bulb exerts pressure on walls of hole, producing remarkable holding power.
- Strongest hammer-in fastener available.
- Typical pullout values in cured concrete (3000 psi / 20 MPa) are over 800 lbs (363.2 kg). A pullout test is recommended.
- The Polyglass CD-10 is FM approved.

COATING

CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

APPLICATION

Predrill a $\frac{7}{32}$" (6 mm) hole using a carbide drill bit. The fastener is then installed with a 2 lb (0.9 kg) short-handle sledgehammer.

Minimum fastener embedment into the deck should be 1" (25 mm). The predrilled hole must be a minimum of ½" (13 mm) deeper than fastener embedment.

Note: Prior to job start, contact Polyglass to perform a pullout test to determine the pullout values. Also, care must be taken not to overdrive the fastener causing subsequent damage to the insulation facer.

PLATES & ACCESSORIES

Appropriate Polyglass steel plates, depending on application. Use a $\frac{7}{32}$" (6 mm) carbide tip SDS or straight shank drill bit.

ORDERING INFORMATION*

SKU	LENGTH IN (MM)	PKG QTY	WEIGHT LBS (KG)
CD002-PG	2 (50)	500	13 (5.90)
CD003-PG	3 (75)	500	18 (8.17)
CD004-PG	4 (100)	500	23 (10.44)
CD005-PG	5 (125)	500	28 (12.71)
CD006-PG	6 (150)	500	33 (14.98)
CD007-PG	7 (175)	500	38 (17.25)
CD008-PG	8 (200)	500	44 (19.97)
CD009-PG	9 (230)	250	25 (11.35)
CD010-PG	10 (255)	250	28 (12.71)
CD011-PG	11 (280)	250	31 (14.07)
CD012-PG	12 (305)	250	33 (14.98)

*All sizes are nominal

PHYSICAL DATA

Head .... Flat Top Pan
0.435" (11.04 mm) Diameter
0.115" (2.92 mm) Height
Split Bulb ....0.270/0.277"
(6.85/7.03 mm) Diameter
Coating......................................CR-10

APPLICABLE STANDARDS

- FM Approved

FM APPROVED

POLYGLASS®

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www.polyglass.us

POLYGLASS CD-10

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line:	(888) 410-1375
	(954) 233-1330
Customer Service:	(800) 222-9782
Technical Service:	(866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data and warranty information, visit www.polyglass.us.

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