



InnoviFastTM Concrete Drive Pins

Stock #: 6300016 - 6300035

Description:
1/2-inch (12.7 mm) mushroom head.

Fastener Length in. (mm):	Pail Weight lbs. (kg):	Pail Quantity:
1 1/4 (31.8)	11 (4.9)	500
1 1/2 (38.1)	11 (4.9)	500
2 (50.8)	16 (7.2)	500
2 1/2 (63.5)	21 (9.5)	500
3 (76.2)	22 (10.0)	500
3 1/2 (88.9)	25 (11.3)	500
4 (101.6)	31 (14.1)	500
4 1/2 (114.3)	33 (14.9)	500
5 (127)	35 (15.8)	500
5 1/2 (139.7)	36 (16.3)	500
6 (152.4)	20 (9.0)	250
7 (177.8)	23 (10.4)	250
8 (203.2)	28 (12.7)	250
9 (228.6)	30 (13.6)	250
10 (254)	33 (14.9)	250
11 (279.4)	14 (6.4)	100
12 (304.8)	15 (6.8)	100
14 (355.6)	17 (7.7)	100

All reported values are nominal.

- Can be used for both insulation and membrane attachment.
- Cathodic epoxy E-coating resists humidity and cyclic corrosion.
- Design helps resist wind uplift.

System Compatibility

InnoviFast Concrete Drive Pins may be used with IKO InnoviTPO Roofing Systems and are approved for use with an appropriate IKO Diamond Shield Limited Warranty. Building owners, specifiers, roof consultants and roofing contractors are invited to review the IKO InnoviTPO System Specifications at www.iko.com/comm for further information on including this product as part of a complete IKO roofing system.

Features and Benefits

- The cathodic epoxy E-coating makes InnoviFast Concrete Drive Pins resistant to humidity and cyclic corrosion.
- The pin shaft compresses at three contact points to match the tolerance of the drilled hole, helping the InnoviFast Concrete Drive Pins to withstand dynamic loads induced by wind loading.

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Installation

1. Structural concrete decks must be predrilled using a 3/16-inch (4.8 mm) carbide bit and 1,500-rpm screw gun or hammer drill in hammer mode to a minimum 1/2-inch (12.7 mm) deeper than fastener penetration.
2. Clean the hole and drive the InnoviFast Concrete Drive Pin flush against the plate or batten being fastened. The pins can be installed with InnoviFast TPO batten bars, insulation plates or membrane seam plates.

Physical Properties and Characteristics

PULL-OUT STRENGTH: 2,000 PSI STRUCTURAL CONCRETE	
1 in. (26 mm):	620 lbf / 2,757 N
1 1/4 in. (31.8 mm):	830 lbf / 3,692 N

PULL-OUT STRENGTH: 4,000 PSI STRUCTURAL CONCRETE	
1 in. (26 mm):	835 lbf / 3,714 N
1 1/4 in. (31.8 mm):	1,210 lbf / 5,382 N

COATING AND CORROSION	
Cathodic epoxy E-coating.	
15/15 Kesternich per FM 4470.	
800-hour salt spray per ASTM B117.	

PULL-OUT STRENGTH: 3,000 PSI STRUCTURAL CONCRETE	
1 in. (26 mm):	775 lbf / 3,447 N
1 1/4 in. (31.8 mm):	1,100 lbf / 4,893 N

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