



InnoviFastTM Polymer Augers

Stock #: 6300036-6300055

Thread Length:
 Range from 1.5 to 13 in. (38.1 mm) (330.2 mm)

Fastener Lengths in. (mm):	Pail Weight lbs. (kg):	Pail Quantity:
2 (50.8)	14 (6.3)	500
2 1/2 (63.5)	15 (6.8)	500
3 (76.2)	17 (7.7)	500
3 1/2 (88.9)	18 (8.1)	500
4 (101.6)	19 (8.6)	500
4 1/2 (114.3)	21 (9.5)	500
5 (127.0)	22 (9.9)	500
5 1/2 (139.7)	22 (9.9)	500
6 (152.4)	23 (10.4)	500
6 1/2 (165.1)	25 (11.3)	500
7 (177.8)	26 (11.7)	250
7 1/2 (190.5)	14 (6.3)	250
8 (203.2)	16 (7.2)	250
8 1/2 (215.9)	17 (7.7)	250
9 (228.6)	17 (7.7)	250
9 1/2 (241.3)	18 (8.1)	250
10 (254.0)	21 (9.5)	250
11 (279.4)	19 (8.6)	250
12 (304.8)	21 (9.5)	250
13 (330.2)	21 (9.5)	250

All reported values are nominal.

- Insulation and membrane attachment for lightweight concrete, gypsum and tectum® roof decks.

- 1/4 in. (6.35 mm) square drive is non-penetrating.

- Tapered design has 70% more surface area resulting in excellent holding power.

System Compatibility

InnoviFast Polymer Augers are intended for use 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/innovi for further information on including this product as part of a complete IKO roofing system.

Features and Benefits

- The tapered root progressively compacts the material making the deck denser around the root, increasing pull out values.
- Must be used with Innovifast Auger Insulation Plates and Auger Seam Plates; the fastener locks securely to the plate upon installation.

InnoviFast™ Polymer Augers

Installation

1. Lightweight insulating concrete, gypsum, and Tectum roof decks can vary greatly in density. Always perform pullout tests to determine the suitability of the deck for receiving fasteners.
2. The InnoviFast Polymer Augers requires a fixture clearance of 5/8 in. (15.8 mm) when plywood or other rigid materials are fastened to the deck.
3. Minimum fastener penetration into the deck is 1.5 in. (38.1 mm).
4. Fastener should be installed using an impact wrench or hammer drill, using the 1/4 in. (6.3 mm) square drive bit provided in each standard carton.

Performance Data

BASE MATERIAL	PRE-DRILL	EMBED DEPTH	TENSION LOAD*
Tectum Deck:	None	1.5 in. (38.1 mm)	280 lbf / 1,246 N
Tectum Deck:	None	2.0 in. (50.8 mm)	440 lbf / 1,957 N
Tectum Deck:	None	2.5 in. (63.5 mm)	595 lbf / 2,647 N
3 in. (76.2 mm) Insulrock:	5/16 in. (7.9 mm)	2.5 in. (63.5 mm)	365 lbf / 1,624 N
Poured Gypsum:	3/8 in. (9.5 mm)	2.0 in. (50.8 mm)	540 lbf / 2,402 N

*Load capacities indicated are based on testing conducted in accordance with ASTM E 488. Test data above represents average ultimate loads sustained in the materials indicated, and should be used as guidelines only. Job site tests should be performed prior to commencing work

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