



InnoviFast™ All Purpose (AP) Fasteners

Stock #: 6300002-6300013

Fastener Lengths in. (mm):	Pail Weight lbs. (kg):	Pail Quantity:
1 1/4 (31.8)	12 (5.4)	1,000
2 (50.8)	19 (8.6)	1,000
3 (76.2)	24 (10.8)	1,000
4 (101.6)	30 (13.6)	1,000
5 (127)	45 (20.4)	1,000
6 (152.4)	46 (20.8)	1,000
7 (177.8)	28 (12.7)	500
8 (203.2)	31 (14)	500
9 (228.6)	34 (15.4)	500
10 (254)	38 (17.2)	500
11 (279.4)	41 (18.5)	500
12 (304.8)	45 (20.4)	500

All reported values are nominal.

- #14 fastener is excellent for both insulation and membrane attachment.
- Penetrates steel, wood, plywood, OSB and structural concrete.
- Cathodic epoxy E-coating is resistant to humidity and cyclic corrosion.

System Compatibility

InnoviFast All Purpose (AP) Fasteners 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

- InnoviFast All Purpose (AP) Fasteners have an asymmetric reduced drill point providing for excellent pull-out values by producing a minimum opening. The thread engagement is superior compared to standard drill points.
- The low-profile truss head can be used for clip attachment in installations where the head height is critical.
- 10 threads per inch (26 mm) provide for easy installation in concrete roof decks.
- Extra stable #3 phillips drive, recessed in truss head.

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Installation

- For steel or wood substrates, use a 2,000–2,500-rpm screw gun with a hardened #3 Phillips bit (included). 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.
- InnoviFast All Purpose (AP) Fasteners should be installed using InnoviFast seam plates, insulation plates, batten bar and termination bars.
- Minimum fastener penetration: Select a fastener length that allows the following penetration depths:
 - Steel decks: 3/4 inch (19 mm) through deck.
 - Wood decks: 1 inch (26 mm) into or through deck.
 - Plywood and OSB: 1 inch (26 mm) through deck.
 - Structural concrete: 1 inch (26 mm) into deck.

Physical Properties and Characteristics

MATERIAL STRENGTH	
Tensile:	3,330 lbf / 14,679 N
Shear:	2,100 lbf / 9,341 N
Torsional:	110 lbf•in. / 12.43 N•m

CORROSION-RESISTANT PROPERTIES	
15/15 Kesternich per FM 4470	
800-hour salt spray per ASTM B117	
Cathodic epoxy E-coat	

PULL-OUT STRENGTH: STEEL DECK	
18 Ga. (1.2 mm):	900 lbf / 4,003 N
20 Ga. (0.9 mm):	635 lbf / 2,825 N
22 Ga. (0.8 mm):	457 lbf / 2,033 N

PULL-OUT STRENGTH: WOOD DECK	
2x dimensional lumber:	605 lbf / 2,691 N
3/4-in. (19 mm) FR Plywood:	590 lbf / 2,624 N

PULL-OUT STRENGTH: CONCRETE DECK	
4,000 psi:	850 lbf / 3,781 N

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