

InnoviFastTM Peel Rivets

Description:

Low profile mushroom head.

STOCK #	FASTENER LENGTH IN (MM)	PAIL WEIGHT LB (KG)	PAIL QUANTITY
6300116	1 1/2 (38.1)	21 (9.5)	1,000
6300117	2 (50.8)	25 (11.3)	1,000
6300118	3 (76.2)	17 (7.7)	500
6300119	4 (101.6)	21 (9.5)	500
6300120	5 (127)	25 (11.3)	500
6300121	6 (152.4)	29 (13.2)	500
6300122	7 (177.8)	16 (7.3)	250
6300123	8 (203.2)	18 (8.2)	250
6300124	9 (228.6)	20 (9.1)	250
6300125	10 (254)	22 (10.0)	250

All reported values are nominal.

- High pull out values.
- Consistent structural performance.
- Safe and successful installation every time.

System Compatibility

InnoviFast Peel Rivets 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/comm for further information on including this product as part of a complete IKO roofing system.

Excellent Attachment for TPO Membranes and Insulation

InnoviFast Peel Rivets are ideal for both insulation and membrane attachment to gypsum and other cementitious wood fiber roof decks. The unique design allows for secure attachment where threaded fasteners cannot achieve required pullout values. Constructed from a highly corrosion resistant aluminum magnesium alloy, Innovifast Peel Rivets can meet attachment needs even in corrosive building environments.

Features and Benefits

- Two-piece, aluminum-magnesium alloy fastener.
- Low profile mushroom head.
- High pull out values.
- Cannot be over-tightened.
- Consistent structural performance.
- One fastener can accommodate a wide range of material thicknesses.
- Safe and successful installation every time.

InnoviFast™ Peel Rivets

Corrosion Resistance

15/15 Kesternich per FM 4470
Natural Aluminum finish

Installation

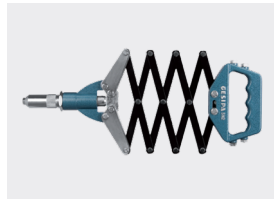
Tools: A specially designed pulling tool is required for all installations and is available in pneumatic and hand operated models. (Example tools not sold by IKO.)



TAURUS® 2
TPR Tool



PowerBird® Pro Gold
Rivet Tool



SN2 Tong Rivet Tool

- Pre-drill 9/32" (7 mm) hole in all substrates.
- Review the chart below to understand the minimum and maximum clamping lengths for the InnoviFast Peel Rivet length being used.
- Ensure a minimum 1" penetration through Steel, Wood, Wood Fiber, and Lightweight Concrete.

NOTE: Reduce clamping length by 3/4" for wood fiber and fragile substrates.

Product Selection

STOCK #	FASTENER LENGTH IN (MM)	RECOMMENDED MINIMUM CLAMPING LENGTH IN (MM)	MAXIMUM CLAMPING LENGTH IN (MM)
6300116	1-1/2 (38.1)	1/2 (12.7)	1/2 (12.7)
6300117	2 (50.8)	1/2 (12.7)	1 (25.4)
6300118	3 (76.2)	7/8 (22.23)	2 (50.8)
6300119	4 (101.6)	1-5/8 (41.28)	3 (76.2)
630012	5 (127)	2-5/8 (66.68)	4 (101.6)
6300121	6 (152.4)	3-5/8 (92.08)	5 (127)
6300122	7 (177.8)	4-5/8 (117.48)	6 (152.4)
6300123	8 (203.2)	5-5/8 (142.88)	7 (177.8)
6300124	9 (228.6)	6-5/8 (168.28)	8 (203.2)
6300125	10 (254)	7-5/8 (193.68)	9 (228.6)

Use with:

- InnoviWeld™ TPO Induction Plates
- InnoviFast Insulation Plates
- InnoviFast 2-3/8" HD Seam Plates

Physical Properties and Characteristics

TYPICAL MATERIAL STRENGTH	
Shear:	1423 lbf / 6329 N
TYPICAL PULL-OUT STRENGTH	
26 Ga (0.5 mm) Steel:	465 lbf / 2068 N
28 Ga (0.4 mm) Steel:	385 lbf / 1713 N
1/2" OSB (13 mm):	330 lbf / 1468 N
3" Poured Gypsum (76 mm):	430 lbf / 1913 N

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