MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

IKO Industries, LTD.
40 Hansen Road South
Brampton, ON
L6W 3H4

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: IKO Innovi TPO Single-Ply Roofing Systems over Wood Decks

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 8.
The submitted documentation was reviewed by Alex Tigera.

09/04/25

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Single Ply Roofing
Material:	TPO
Deck Type:	Wood
Maximum Design Pressure:	-75 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specifications	Product Description
IKO Innovi TPO	45mil, 60mil, 80mil	ASTM D6878	Highly reflective "Cool Roof" TPO membrane
IKO MVP Sand	36" x 80'	ASTM 5147	Modified SBS vapor retarder only for use as a vapor barrier.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
IKOTherm-A	Polyisocyanurate Foam Insulation	IKO Industries Ltd.
IKOTherm-A III	Polyisocyanurate Foam Insulation	IKO Industries Ltd.
IKOTherm-A CoverShield	Polyisocyanurate Foam Insulation	IKO Industries Ltd.
ACFoam-HD Coverboard	Polyisocyanurate Foam Insulation	Atlas Roofing Corporation
ACFoam-II	Polyisocyanurate Foam Insulation	Atlas Roofing Corporation
ACFoam-III	Polyisocyanurate Foam Insulation	Atlas Roofing Corporation
DensDeck Prime	Gypsum Core Board	Georgia-Pacific Gypsum LLC

APPROVED FASTENERS:

TABLE 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
1.	InnoviFast Heavy Duty (HD) Fastener	Truss head carbon steel fastener.	#15 x 14" (max)	IKO Industries Ltd.
2.	InnoviFast 2-3/8" HD Seam Plate	Galvalume steel stress plate.	2-3/8" Round	IKO Industries Ltd.
3.	InnoviFast Insulation Fastener	Truss head carbon steel fastener.	#12 x 8" (max)	IKO Industries Ltd.
4.	InnoviFast Insulation Plate	Galvalume AZ 50 stress plate.	3" dia. x .018"	IKO Industries Ltd.
5.	InnoviWeld Induction Plate	G-90 Galvanized steel plate with TPO coating.	3" dia.	IKO Industries Ltd.
6.	TRUFAST #12 DP Fastener	Carbon steel screw with #3 Phillips drive, modified truss head.	#12 x 8" (max)	Altenloh, Brinck and Co., U.S., Inc
7.	TRUFAST 3" Metal Insulation Plate	Galvalume steel stress plate.	3" Round	Altenloh, Brinck and Co., U.S., Inc.
8.	#12 Standard Roofgrip	Truss head, self-drilling, pinch point, high thread fastener.	#12 x 16" (max)	OMG, Inc.
9.	OMG 3-in. Galvalume Steel Plate (Flat)	Galvalume steel stress plate.	3" Round	OMG, Inc.
10.	Dekfast DF-#12-PH3	Truss head carbon steel fastener.	#12 x 8" (max)	SFS Group USA, Inc.
11.	Dekfast DF-#15-PH3	Truss head carbon steel fastener.	#15 x 14" (max)	SFS Group USA, Inc.
12.	Dekfast PLT-R-2-3/8-6B	Galvalume AZ 50 steel, barbed plate.	2.37" dia. x .037"	SFS Group USA, Inc.
13.	Dekfast PLT-R-3	Galvalume AZ 50 stress plate.	3" dia. x .018"	SFS Group USA, Inc.
14.	*isoweld* F1-P-6.8-TPO	G-90 Galvanized steel plate with TPO coating.	3" dia.	SFS Group USA, Inc.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Description	Date
NEMO ETC, LLC	4q-IKO-21-SSMBB-01.A	Proprietary	12/10/21
	4r-IKO-21-SSTHP.A	ASTM D6878	01/18/22
	4a-IKO-23-LSWUS-01.A.R1	FM 4474/ TAS 114 (D & J)	12/01/24
FM Approvals	PR459544	FM 4470	12/14/23

APPROVED ASSEMBLIES

Membrane Type: Single Ply, TPO

Deck Type 1I: Wood, Insulated

Deck Description: CDX Plywood, 15/32-inch thick, span rating 32/16-inch, 4-ply, at 2-ft span and blocked 4-ft o.c. mechanically attached with #8 wood screws, 6-in. o.c. at all supports

System Type C(1): Membrane heat welded to fastener plates mechanically.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ ft^2
IKOTherm-A, IKOTherm-A III, ACFoam-II, ACFoam-III Minimum 1½" thick	**1 with 5, 11 with 14**	**1:3.2 ft^2**

Note: Base layer shall be mechanically attached with fasteners and density described above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used the number of fasteners per board shall be increased maintaining the same fastener density (See Roofing Application Standard RAS 117 for fastening details).

Roof Cover: IKO Innovi TPO 60-mil, induction welded

Maximum Design Pressures: -45 psf. (See General Limitation #7)

Membrane Type: Single Ply, TPO

Deck Type 1I: Wood, Insulated

Deck Description: CDX Plywood, 15/32-inch thick, span rating 32/16-inch, 4-ply, at 2-ft span and blocked 4-ft o.c. mechanically attached with #8 wood screws, 6-in. o.c. at all supports

System Type D(1): Base layer of insulation preliminarily attached, top layer mechanically attached.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft2**
IKOTherm-A, ACFoam-II, ACFoam-III, IKOTherm-A III Minimum: 1½" thick	**6 with 7, 10 with 13, 3 with 4, 8 with 9**	**1:6.4 ft^2**

Note: Base insulation layer shall be mechanically attached with fasteners and density described above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used the number of fasteners per board shall be increased maintaining the same fastener density (See Roofing Application Standard RAS 117 for fastening details).

Membrane: IKO Innovi TPO 45-mil, mechanically attached with InnoviFast Heavy Duty (HD) Fasteners with InnoviFast 2-3/8" HD Seam Plate, or Dekfast DF-#15-PH3 with Dekfast PLT-R-2-3/8-6B, 6-in. o.c. within 6-in. wide laps spaced 114 in. o.c. Laps sealed with 1.5-in. heat weld.

Maximum Design Pressures: -45 psf. (See General Limitation #7)

Membrane Type:	Single Ply, TPO
Deck Type 1I:	Wood, Insulated
Deck Description:	CDX Plywood, 15/32-inch thick, span rating 32/16-inch, 4-ply, at 2-ft span and blocked 4-ft o.c. mechanically attached with #8 wood screws, 6-in. o.c. at all supports
System Type D(2):	Base layer of insulation loose-laid; top layer mechanically attached.

All General and System Limitations apply.

Thermal Barrier (Optional)	½" DensDeck Prime, loose-laid.
Vapor Barrier (Optional)	IKO MVP Sand, self-adhered

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ ft²**
IKOTherm-A, ACFoam-II, ACFoam-III, IKOTherm-A III Minimum 1½" thick	**N/A**	**N/A**

Note: Base layer shall be loose-laid

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ ft²**
IKOTherm-A CoverShield, ACFoam HD Coverboard Minimum: ½" thick	**6 with 7, 10 with 13, 3 with 4, 8 with 9**	**1:4 ft²**

Note: Base layer shall be mechanically attached with fasteners and density described above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used the number of fasteners per board shall be increased maintaining the same fastener density (See Roofing Application Standard RAS 117 for fastening details).

Roof Cover:	IKO Innovi TPO 45-mil, mechanically attached with InnoviFast Heavy Duty (HD) Fasteners with InnoviFast 2-3/8" HD Seam Plate, or Dekfast DF-#15-PH3 with Dekfast PLT-R-2-3/8-6B, 6-in. o.c. within 6-in. wide laps spaced 114 in. o.c. Laps sealed with 1.5-in. heat weld.
Maximum Design Pressures:	-75 psf. (See General Limitation #7)

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
   Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. Insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener value in conjunction with the maximum design value listed within a specific system. Should the fastener be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117 and/or RAS 137. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE