



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

IKO Industries Ltd.
120 Hay Road
Wilmington, DE 19809

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: ArmourShake Asphalt Shingle

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 renews NOA No. 10-1122.03 and consists of pages 1 through 4.
The submitted documentation was reviewed by Hamlev Pacheco, P.E.



NOA No.: 18-0619.05
Expiration Date: 11/21/23
Approval Date: 08/23/18
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ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Asphalt Shingles
Materials: Laminate
Deck Type: Wood

SCOPE

This approves **ArmourShake** manufactured by IKO Industries Ltd. as described in this Notice of Acceptance, designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

PRODUCT DESCRIPTION

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
ArmourShake	18 1/2" x 37 3/8"	TAS 110	A heavy weight, fiberglass reinforced laminate asphalt shingle.

MANUFACTURING LOCATION

1. Sumas, WA.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials Inc.	IKO-053-02-01	TAS 100	01/19/10
	IKO-071-02-01	ASTM D 3462	04/06/11
FM Approvals	3043171	ASTM E 108	11/11/11
	3040947	ASTM D 3161 (TAS-107)	11/17/10



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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. Shall not be installed on roof mean heights in excess of 33 ft.
3. 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.

INSTALLATION

1. Shingles shall be installed in compliance with Roofing Application Standard RAS 115.
2. Flashing shall be in accordance with Roofing Application Standard RAS 115
3. The manufacturer shall provide clearly written application instructions.
4. Exposure and course layout shall be in compliance with Detail 'A', attached.
5. Nailing shall be in compliance with Detail 'B', attached.

LABELING

Shingles shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



BUILDING PERMIT REQUIREMENTS

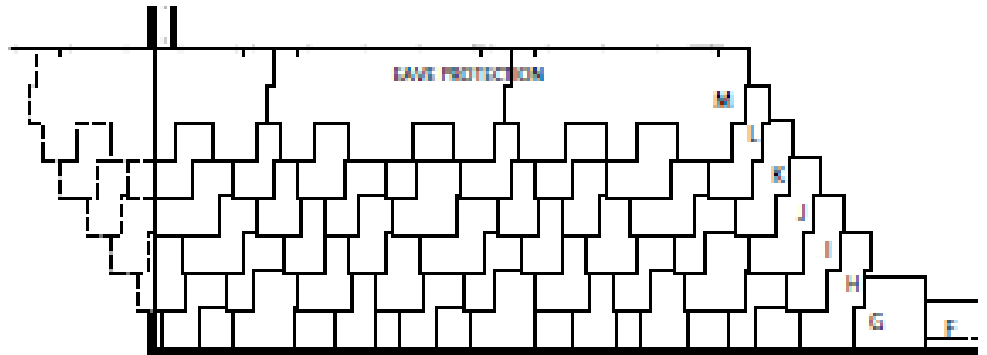
1. Application for building permit shall be accompanied by copies of the following:
 - 1.1 This Notice of Acceptance.
 - 1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.



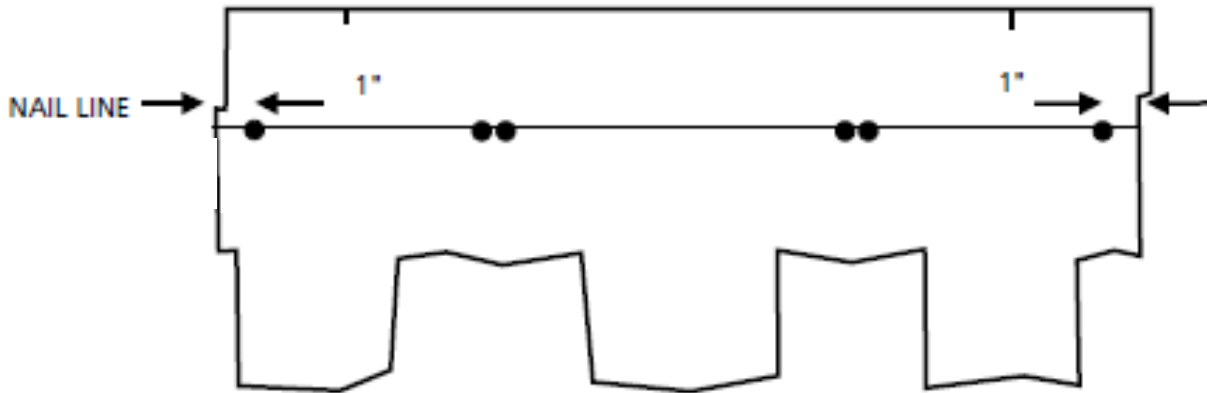
DETAIL A
ARMOURSHAKE COURSE LAYOUT

NOTE:

- 1ST COURSE - FULL SHINGLE,
- 2ND COURSE - REMOVE 5-5/8"
- 3RD COURSE - REMOVE 11-1/4"
- 4TH COURSE - REMOVE 16-7/8"
- 5TH COURSE - REMOVE 22-1/2"
- 6TH COURSE - REMOVE 28-1/8"
- 7TH COURSE - FULL SHINGLE



DETAIL B
ARMOURSHAKE NAILING PATTERN



NOTE: USE BUILT IN NOTCH TO DETERMINE PROPER EXPOSURE. NAILS SHALL PENETRATE THE SHINGLE UNDERNEATH.

END OF THIS ACCEPTANCE

