



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

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

NOTICE OF ACCEPTANCE (NOA)

Foundation Labs by Ply Gem LLC
2405 Campbell Road
Sidney, OH 45365

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: Ply Gem Roofing Engineered Slate

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 7.

The submitted documentation was reviewed by *Freddy Semino* 



NOA No. 18-0925.09
Expiration Date: 05/09/24
Approval Date: 05/09/19
Page 1 of 7

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Roofing Slate
Materials: Slate
Deck Type: Wood, Non insulated
Deck 19/32" or greater plywood or wood planks
Description:
Maximum
Design Pressure: -196 psf. (See General Limitation #2)

SCOPE:

This approves Ply Gem Roofing Engineered Slate, manufactured by Foundation Labs by Ply Gem LLC, in Fair Bluff, N.C. as described in this Notice of Acceptance, which is designed to comply with 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>
Ply Gem Roofing Engineered Slate	Length: 18" Width: 11-3/4" Thickness: 3/8" tapered to 1/8"	TAS 110	Slate looking composite shingle for use in mechanically attached systems.

COMPONENTS OR PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Slating Nails	E.G. Min. 10 gauge 1-3/4" min. ring shank roofing nail, various lengths.	TAS 114, Appendix C	Galvanized Roofing Nails	Generic
Atlas WeatherMaster Pro Grade Ice & Water	3' x 33.4' rolls 3' x 66.8' rolls 3' x 72' rolls	ASTM D 1970	Self-adhering, non- woven fiberglass mat reinforced membrane for use as an underlayment in high temperature sloped roof assemblies.	Atlas

MANUFACTURING LOCATION:

1. Fair Bluff, North Carolina



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek /Intertek Building & Construction (B&C)	H6955.01-106-18R1	ASTM D 2843 ASTM D 1929 ASTM D 635 ASTM G 155	06/05/18
	H6955.02-109-18	TAS 125	06/21/18
	H6955.03-109-18	TAS 100	06/08/18
	H6955.12-109-18	TAS 100	04/24/19
	H6955.07-121-24R3	ASTM E 108	07/23/18
H6955.11-121-24R1	ASTM E 108	07/23/18	



APPROVED SYSTEMS:

Deck Type: Wood, Non-insulated

Deck Description: 1⁹/₃₂" or greater plywood or wood plank.

Slope Range: 4:12" or greater

Maximum Design Pressure -196 psf. (See General Limitation #2)

Deck Attachment: In accordance with applicable building code, but in no case shall it be less than # 10d annular ring shank nails spaced 6"o.c.

Underlayment: Underlayment shall be applied in accordance with applicable Building Code. Minimum underlayment shall be an ASTM D 226 Type II or ASTM D 2626 installed with a minimum 4" side-laps and 6" end-laps. Underlayment shall be installed with approved electrogalvanized nails and tin caps, spaced 12"o.c. staggered in the field and 6"o.c. at the laps.

Membrane: One plies of WeatherMaster ProGrade Ice & Water underlayment with a minimum 3" side lap and 6" end lap.

Eave Metal: Eave and gable drip metal shall be fastened with approved minimum 12 gauge annular ring shank nails at a maximum spacing of 4"o.c. The approved nails shall be manufactured from similar and compatible material to the termination profile. All metal profiles shall be installed in compliance with RAS 111.

Fire Barrier: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 118 and with Ply Gem Roofing's current published installation instructions. The outside edges of the valley were hemmed (bent 180 degrees) to receive a 1 3/4" wide by 4" long hem clip located 12"o.c. on both sides of valley. The clips were secured with 1 3/4" ring shank nails. The end, edges and hem clip were all sealed with a butyl tape.

Installation: Install the Ply Gem Roofing Engineered Slate and accessories in compliance with Ply Gem Roofing's current published installation instructions. Each slate is installed with four (4) 1-3/4" long, 1/8" diameter ring shank nails. Locate two (2) nails in the nailing dimples and 2 additional nails no more than 2" horizontally from the center of the nailing dimples and towards the center of the shingle. (See Figure 1)
The adjoining slate is laid next to the existing slate with a 3/8" gap. The next row is laid with an exposure not to exceed 8". (See Figure 2)

Ridge, Accessories & Hips: Flashings, penetrations, valley construction and other details shall be constructed in compliance with Roofing Application Standard RAS 133. See Ply Gem Roofing Engineered Slate published installation manual for details.



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. The maximum design 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).
3. All Slates shall bear the imprint or identifiable marking of the manufacturer, name or logo, or following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



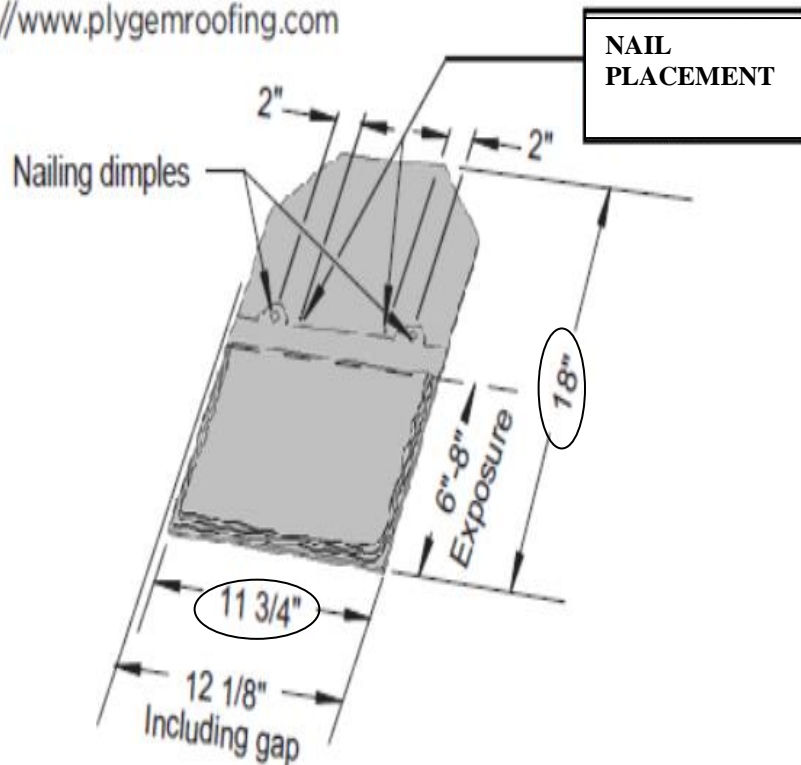
4. The applicant shall retain the services of a Miami-Dade County certified testing laboratory to maintain quality control in compliance with the Florida Building Code.
5. WeatherMaster ProGrade Ice & Water underlayment shall not be left exposed as a temporary roof for longer than 14 days of application. Refer to Prepared Roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products.
6. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.
7. Roll or broom the entire WeatherMaster ProGrade Ice & Water underlayment membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
8. Application for building permit shall be accompanied by copies of the following:
 - a. This Notice of Acceptance.
 - b. Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.
9. 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.
10. During installation of system, comply with Occupational Safety and Health Administration (OSHA) safety standards; use common sense measures and required safety precautions to prevent accidents.



PROFILE DRAWINGS

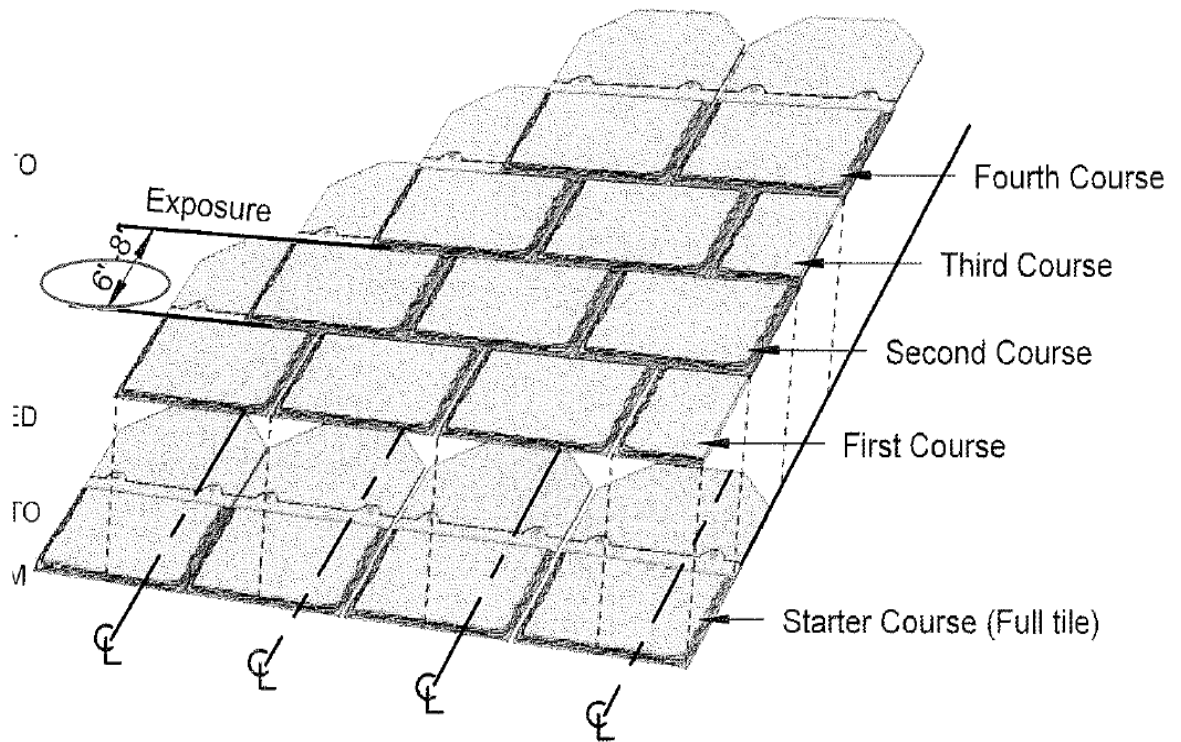
Technical Department Rapid Response

- Email - rooftech@plygem.com
- Toll Free Phone - 1-844-679-3745
- Website - <http://www.plygemroofing.com>



Provide a 3/8" spacing gap between tiles.

(Figure 1)



TYPICAL SHINGLE LAYOUT

(Figure 2)

END OF THIS ACCEPTANCE