



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) 31525-99

www.miamidade.gov/economy

The Garland Company, Inc.
3800 East 91st Street
Cleveland, OH 44105-2197

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: Garland Liquid Applied Waterproofing Systems

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 5.
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 13-1213.01
Expiration Date: 09/25/19
Approval Date: 09/25/14
Page 1 of 5

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Material: Liquid Applied Polyurethane
Deck Type: Concrete
Maximum Design Pressure: -1,025.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Dura-Walk Base Coat	5 gallon	ASTM C 957	Single-component polyurethane elastomeric waterproofing coat
Dura-Walk Wear Coat	5 gallon	ASTM C 957	Single-component polyurethane elastomeric waterproofing coat
Dura-Walk Top Coat	5 gallon	ASTM C 957	Single-component polyurethane elastomeric waterproofing coat
Dura-Walk Primer	5 gallon		Two-component epoxy primer
Dura-Walk FC Primer	5 gallon		Two-component epoxy primer

MANUFACTURING LOCATION:

- Fontana, CA

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Trinity ERD	G45120.12.13-R1	ASTM C957	12/17/13
	G45120.12.13-R1	TAS 114	12/17/13
	G45120.12.13-1	ASTM D2369 & EPA (24)	12/18/13
QAI Laboratories, Inc.	RJ2959-1, Rev. 1	ASTM E108	02/18/14
	RJ2959-2, Rev. 1	ASTM E108	02/18/14



APPROVED ASSEMBLIES

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2,500 psi structural concrete or concrete plank
System Type 1:	Membranes adhered to primed substrate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Flashing:	Shall be in accordance with Garland published specifications.
Primer:	Concrete deck shall be primed with Dura-Walk Primer or Dura-Walk FC Primer applied at a rate of 0.5 gal./100 ft ² and allowed to dry prior to the application of base coat.
Base Layer:	Dura-Walk Base Coat applied at a rate of 1-1.5 gal./100 ft ² (20 mils wet) and allow to dry overnight.
Intermediate Coat:	Dura-Walk Wear Coat applied at a rate of 1-1.5 gal./100 ft ² (24 mils wet). Immediately broadcast 6 to 8 lbs./100 ft ² of aggregate, uniformly into wet coating for even distribution. Allow to dry for the minimum time specified and sweep away loose aggregate prior to application of top coat.
Top Coat:	Dura-Walk Top Coat applied at a rate of 1 gal./100 ft ² (16 mils wet) and allowed to dry.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.
Inspection:	Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. Inspection must take place prior to installation of any overlay insulation, protection pads, drainage boards or traffic surfacing. All defects observed shall be corrected.
Surfacing:	None
Maximum Design Pressure:	-1,025 psf (See General Limitation #9.)



Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2,500 psi structural concrete or concrete plank
System Type 2:	Membranes adhered to primed substrate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Flashing:	Shall be in accordance with Garland published specifications.
Primer:	Concrete deck shall be primed with Dura-Walk Primer or Dura-Walk FC Primer applied at a rate of 0.5 gal./100 ft ² and allowed to dry prior to the application of base coat.
Base Layer:	Dura-Walk Base Coat applied at a rate of 1-1.5 gal./100 ft ² (20 mils wet) and allow to dry overnight.
Intermediate Coat:	Dura-Walk Wear Coat applied at a rate of 1-1.5 gal./100 ft ² (24 mils wet). Immediately broadcast 6 to 8 lbs./100 ft ² of aggregate, uniformly into wet coating for even distribution. Allow to dry for the minimum time specified and sweep away loose aggregate. Apply a second coat of Dura-Walk Wear Coat as noted above. Allow to dry for the minimum time specified and sweep away loose aggregate prior to application of top coat.
Top Coat:	Dura-Walk Top Coat applied at a rate of 1 gal./100 ft ² (16 mils wet) and allowed to dry.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.
Inspection:	Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. Inspection must take place prior to installation of any overlay insulation, protection pads, drainage boards or traffic surfacing. All defects observed shall be corrected.
Surfacing:	None
Maximum Design Pressure:	-1,025 psf (See General Limitation #9.)



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. Required integrity flood testing shall be provided to the Building Official for review at time of final inspection.
3. All work shall be performed by a Contractor licensed to do roofing/waterproofing and approved by The Garland Company.
4. Flashings shall be installed according to the manufacturer's published standard details and shall be submitted to the Building Official for review.
5. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
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. 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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
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.
11. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

