



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
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Polyglass U.S.A., Inc.
1350 E. Newport Center Drive, Suite 210
Deerfield Beach, FL 33442

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: Mapeseal™ GC Waterproofing System over Concrete 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 7.

The submitted documentation was reviewed by Alex Tigera.

10/03/24



NOA No.: 23-0927.01
Expiration Date: 10/03/29
Approval Date: 10/03/24
Page 1 of 7

ROOFING ASSEMBLY APPROVAL

Category:	Roofing
Sub-Category:	Waterproofing
Materials:	Polyurethane
Deck Type:	Concrete
Maximum Design Pressure	-930 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>
Mapeseal™ GC	5-gallon Pails	ASTM C836	Single-component, fast-curing, monolithic waterproofing membrane that may be applied to damp and green concrete (Base and Top Coat).
Mapedrain™ HS Plus	4' x 50' Roll	Various	Vertical or horizontal grade drainage mat with non-woven fabric and protective film.
Mapedrain™ HSW	4' x 50' Roll	Various	Vertical or horizontal grade drainage mat with non-woven fabric and protective film.
Mapeseal™ LMR Fabric	36" x 667'	Various	Non-woven polyester fabric.

APPROVED INSULATIONS:

TABLE 2

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Any approved Miami-Dade XPS Insulation	Various	ASTM C578	Extruded Polystyrene Insulation	Generic

APPROVED FASTENERS/ADHESIVES:

TABLE 3

<u>Fastener Number</u>	<u>Product Name</u>	<u>Product Description</u>	<u>Dimensions</u>	<u>Manufacturer</u>
1.	Polyset Commercial Roof Adhesive	Two-component insulation adhesive	Various	ICP Construction, Inc.
2.	Polyglass LRF CR	Two-component insulation adhesive	Various	Polyglass U.S.A., Inc.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials Technologies, LLC	708T0120 708T0160	ASTM C 836 Various	11/28/22 04/11/23
NEMO ETC, LLC.	4a-PLYG-22-LSWUS-05.A 4y-PLYG-23-SWTP-02.A	TAS 114-D Various	05/24/23 08/13/24



APPROVED APPLICATIONS:

Deck Type II	Concrete Decks, Roof Plaza Decks, Parking Decks
Deck Description:	Min. 2500 psi, dual slab construction
System Type A(1):	Mapeseal™ GC
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. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Base Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat) in accordance with manufacture's published literature.
Reinforcement (Optional):	Apply Mapeseal™ LMR Fabric , set into wet base coat.
Top Coat (Optional):	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Drainage Course:	Mapedrain™ HS Plus and Mapedrain™ HSW , loose-laid.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe 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. All defects shall be corrected.

One or more layers of any of the following insulations.

<u>Insulation Layer (Optional)</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft²</u>
Any approved Miami-Dade XPS insulation	N/A	N/A

Note: All layers of insulation shall be adhered with Polyset Commercial Roof Adhesive or Polyglass LRF CR adhesive in 1.5 in. ribbons spaced at 12" o.c. Please refer to Roofing Applications Standard RAS 117 for insulation attachment.

Surfacing:	Structural concrete slab, minimum 2500 psi, in compliance with applicable building code.
Maximum Design Pressure	N/A (Topping concrete slab shall comply with applicable Building Code requirement.)




Deck Type 1	Concrete Decks, Roof Plaza Decks, Parking Decks
Deck Description:	Min. 2500 psi
System Type F(1):	Mapeseal™ GC
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. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Base Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Reinforcement (Optional):	Apply Mapeseal™ LMR Fabric , set into wet base coat.
Intermediate Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Top Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at minimum rate of 20 mils (80 ft ² /gal) in accordance with manufacture's published literature.
Aggregate:	Kiln dried 16/30 mesh silica sand, broadcast into wet top coat.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe 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. All defects shall be corrected.
Surface Prep:	Remove loose sand after full cure.
Surfacing:	Exterior grade ceramic plaza deck tiles (12-inch. x 12-inch. x ½-inch. thick) set in ANSI A118.4 dry set mortar, ¼-inch. Minimum notched trowel per ANSI A108.5.
Maximum Design Pressure	-540 psf (See General Limitation #9)



Deck Type 1	Concrete Decks, Roof Plaza Decks, Parking Decks, Planters
Deck Description:	Min. 2500 psi
System Type F(2):	Mapeseal™ GC
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. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Base Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Reinforcement (Optional):	Apply Mapeseal™ LMR Fabric , set into wet base coat.
Top Coat:	Apply Mapeseal™ GC by spray, roller squeegee or trowel at maximum rate of 60 mils (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe 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. All defects shall be corrected.
Maximum Design Pressure	-930 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 report shall be provided to the Building Official for review at time of final inspection.
 3. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
 4. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be a Manufacturer Trained 'Qualified Applicator' familiar with the details and approved by Polyglass., and only with approved equipment. Polyglass shall supply a list of approved applicators to the authority having jurisdiction.
 5. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Polyglass, shall be submitted to the Building Official for review.
 6. Polyglass, Mapeseal™ GC shall not be installed without consultation with Polyglass, if ambient or surface temperature is below 40°F. Do not apply to wet or frozen concrete surface.
 7. Polyglass, Mapeseal™ GC shall not be installed over lightweight insulating concrete.
 8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
 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).
 10. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below
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- The seal is a black oval with a white border. Inside, the text "MIAMI-DADE COUNTY" is written in white, bold, uppercase letters. Below it, the word "APPROVED" is written in white, bold, uppercase letters, separated from the county name by a thin white vertical line.
11. 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