



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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NOTICE OF ACCEPTANCE (NOA)

Polycoat Products
14722 Spring Ave.
Santa Fe Springs, CA 90670

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: Poly-I-Gard 125 & Poly-I-Gard 575FR Traffic Deck Systems; Flexideck B-306 by Poly-Tuff Systems International

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.



NOA No.: 21-1207.01
Expiration Date: 05/11/28
Approval Date: 05/11/23
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WATERPROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Waterproofing
Materials:	Polyurethane
Deck Type:	Concrete
Maximum Design Pressure:	-502.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Packaging</u>	<u>Test Specification</u>	<u>Product Description</u>
Polyprime 2180SC	2-quart kit, 2-gal kit or 10-gal kit	Proprietary	Two component, liquid applied, epoxy-polyamine primer.
Enviro-Grip EP#2SC	2-quart kit, 2-gal kit or 10-gal kit	Proprietary	Two component, liquid applied, epoxy-polyamine primer.
PC-220	5-gal pail or 55-gal drum	Proprietary	Single component, liquid applied, moisture cured, aromatic polyurethane elastomeric waterproofing base membrane.
PC-260	1-gal kit or 5-gal kit	Proprietary	Two component, fast setting, rapid curing, solvent free, flexible, high performance, high solids polyurethane elastomeric coating.
B-Tuff 306	1-gal kit or 5-gal kit	Proprietary	Two component, fast setting, rapid curing, solvent free, flexible, high performance, high solids polyurethane elastomeric coating.
Poly-I-Gard 246	1-gal can, 5-gal pail or 55-gal drum	Proprietary	Single component, liquid applied, moisture cured, aromatic polyurethane waterproofing membrane
Poly-I-Gard 295	4.4-gal kit	Proprietary	Two-component, fast setting, rapid curing, solvent free, high solids, hybrid aliphatic polyurea elastomeric membrane.
Topshield 5600	4.4-gal kit	Proprietary	Two-component, fast setting, rapid curing, solvent free, high solids, hybrid aliphatic polyurea elastomeric membrane.
Polyglaze AL-50	1-gal can, 5-gal pail or 55-gal drum	Proprietary	Aliphatic, single component, liquid applied, moisture cured, polyurethane coating.



TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS

TABLE 2

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Thin Set Mortar	50 lb. bag	ANSI A118.11	Polymer fortified thin set mortar	Generic
Tile	12" x 12" x ¼"	ANSI A137.1	Porcelain deck walking tiles	Generic

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
PRI Construction Materials Technologies	2224T0010	ASTM E 108	09/30/2021
	2224T0011	TAS 114 (D)	09/30/2021
	2224T0012	ASTM C 957	09/30/2021
	2224T0013	Various	06/16/2021
	2224T0014	TAS 114 (D)	09/30/2021
	2224T0015	ASTM C 957	09/30/2021
	2224T0016	ASTM E 108	09/30/2021
	2224T0021	TAS 114 (D)	03/22/2023



APPROVED APPLICATIONS:

Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(1):	Poly-I-Gard 125 Pedestrian or Light Vehicular Traffic System
Substrate Preparation:	<p>Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.</p> <p>All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).</p>
Primer:	Apply Polyprime 2180SC or Enviro-Grip EP#2SC with an airless sprayer, brush, or phenolic resin core roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 8-12 hours of primer application.
Base Coat:	PC-220 should be applied at 50 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free before top coating.
Intermediate Coat:	Poly-I-Gard 246 should be applied at 100 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Apply 20 mesh silica sand* evenly distributed at the rate of 10-15 lbs/100 ft ² - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free between coats.
Top Coat:	Polyglaze AL-50 should be applied at 100 ft ² /gallon using a flat or notched squeegee. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. 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. All defects shall be corrected.
Maximum Design Pressure:	-502.5psf (See General Limitation #9)



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(2):	Poly-I-Gard 125 Heavy Vehicular Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Polyprime 2180SC or Enviro-Grip EP#2SC with an airless sprayer, brush, or phenolic resin core roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 8-12 hours of primer application.
Base Coat:	PC-220 should be applied at 50 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free before top coating.
Intermediate Coat:	Poly-I-Gard 246 should be applied at 83 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Apply 20 mesh silica sand* evenly distributed at the rate of 10-15 lbs/100 ft ² – seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free between coats.
Second Intermediate Coat:	Poly-I-Gard 246 should be applied at 83 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Apply 20 mesh silica sand* evenly distributed at the rate of 10-15 lbs/100 ft ² – seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free between coats.
Top Coat:	Polyglaze AL-50 should be applied at 100 ft ² /gallon using a flat or notched squeegee. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. 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. All defects shall be corrected.
Maximum Design Pressure:	-502.5psf (See General Limitation #9)



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(3):	Poly-I-Gard 575FR or Flexideck B-306 Vehicular Traffic System
Substrate Preparation:	<p>Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.</p> <p>All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).</p>
Primer:	Apply Polyprime 2180SC or Enviro-Grip EP#2SC with an airless sprayer, brush, or phenolic resin core roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 8-12 hours of primer application.
Base Coat:	PC-260 or B-Tuff 306 should be applied at 67 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 2-4 hours between coats at 75°F and 50% RH.
Intermediate Coat:	Poly-I-Gard 295 or Topshield 5600 should be applied at 83 ft ² /gallon using a notched squeegee or trowel. Apply 20 mesh silica sand* evenly distributed at the rate of 40 lbs/100 ft ² - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free between coats.
Top Coat:	Poly-I-Gard 295 or Topshield 5600 should be applied at 100 ft ² /gallon using a flat or notched squeegee and back roll using a phenolic resin core roller. Allow coating to cure a minimum of 24 hours at 75°F and 50% RH or until tack free.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. 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. All defects shall be corrected.
Maximum Design Pressure:	-502.5psf (See General Limitation #9)



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(4):	Poly-I-Gard 575FR or Flexideck B-306 Waterproofing System Under Tile
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Polyprime 2180SC or Enviro-Grip EP#2SC with an airless sprayer, brush, or phenolic resin core roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 8-12 hours of primer application.
Base Coat:	PC-260 or B-Tuff 306 should be applied at 66 ft ² /gallon using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 2-4 hours between coats at 75°F and 50% RH.
Intermediate Coat:	Poly-I-Gard 295 or Topshield 5600 should be applied at 83 ft ² /gallon using a notched squeegee or trowel. Apply 20 mesh silica sand* evenly distributed at the rate of 40 - 50 lbs/100 ft ² broadcast to refusal - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 75°F and 50% RH or until tack free between coats, then remove any loose aggregate.
Overburden:	Nominal 12" x 12" x 1/4" glazed ceramic tile attached with thin-set mortar complying with ANSI A118.11 applied with 1/4" notched trowel.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. 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. All defects shall be corrected.
Maximum Design Pressure:	-502.5psf (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. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. 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.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Polycoat Products and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be an applicator trained by Polycoat Products. Polycoat Products shall supply a list of approved applicators to the authority having jurisdiction.
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. Sikalastic shall not be installed over lightweight insulating concrete.
11. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



END OF THIS ACCEPTANCE



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