



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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NEOGARD, A Division of Hempel (USA), Inc.
2728 Empire Central
Dallas, TX 75235

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: AUTO-GARD™, AUTO-GARD™ T, PEDA-GARD™, & PEDA-GARD™ LT, AUTO-GARD™ ALIPHATIC, PEDA-GARD™ ALIPHATIC, PEDA-GARD™ TS

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 and revises NOA No. 15-0421.01 and consists of pages 1 through 13.
The submitted documentation was reviewed by Hamley Pacheco, P.E.



NOA No.: 19-0220.10
Expiration Date: 06/24/24
Approval Date: 06/27/19
Page 1 of 13

WATERPROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Waterproofing
Materials:	Polyurethane
Deck Type:	Concrete
Maximum Design Pressure:	-525 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
70410	5 & 55 gallons	ASTM C 957	One part polyurethane base coat.
7430	5 & 55 gallons	ASTM C 957	One part polyurethane base coat and top coat.
7470	5 & 55 gallons	ASTM C 957	One part aliphatic polyurethane top coat.
7430-T	5 & 55 gallons	ASTM C 957	One part polyurethane top coat with integral aggregate for pedestrian applications.
70420	5 & 55 gallons	ASTM C 957	One part polyurethane top coat with integral aggregate.
7780 / 7781	5 & 55 gallons	N/A	Two part, water borne epoxy primers for concrete surfaces.

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>
Laticrete 254 Platinum Mortar	50 lb. bag	ANSI A118.4	Polymer fortified thin set mortar	Laticrete International, Inc.
Ceramic Tile	Nominal 6" x 6" x 1/4"	ANSI A137.1		Generic

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Underwriters Laboratories Inc.	01NB24945	UL 790	10/05/01
PRI Asphalt Technologies	NDBJ-005-02-01	ASTM C 957	08/12/03
	NDBJ-028-02-01	ASTM C 957	09/15/15
	NEO-028-02-02	TAS 114-D	05/15/14
IRT-Arcon	04-0123	TAS 114-D	05/03/04



APPROVED SYSTEMS

Deck Type 1:	Concrete Decks
Deck Description:	Min. 4000 psi
System Type F(1):	AUTO-GARD™ Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 60 sf/gal (1.66 gal/100 sf or 26 wet mils), to yield 20 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Wear Coat:	Thoroughly mix 7430 series wear coat material and apply at a rate of 150 sf/gal (0.66 gal/100 sf or 10 wet mils) to yield 8 dry mils, and immediately broadcast aggregate, evenly distributed, into wet coating at the rate of 10 to 15 lbs/100 sf. When dry, remove excess aggregate.
Heavy Duty Wear Coat:	For heavy traffic areas such as ticket booths, spiraled ramps, turn areas, or in other areas subjected to high traffic abrasion, heavy duty application is required. In such areas, thoroughly mix 7430 wear coat material and apply a second wear coat at a rate of 100 sf/gal (1.0 gal/100 sf or 16 wet mils) to yield 12 dry mils, and immediately broadcast additional aggregate, evenly distributed, into wet coating at a rate of 10 to 15 lbs/100 sf. When dry, remove excess aggregate.
Top Coat:	Thoroughly mix 7430 topcoat material and apply at a rate of 100 sf/gal (1.0 gal/100 sf or 16 wet mils) to yield 12 dry mils. Note: Standard system coating thickness is 40 dry mils exclusive of primer and aggregate. Heavy duty application areas will yield 52 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.



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:

-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 4000 psi
System Type F(2):	AUTO-GARD™ T Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 60 sf/gal (1.66 gal/100 sf or 26 wet mils), to yield 20 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Heavy Duty Wear Coat:	For heavy duty traffic areas such as ticket booths, spiraled ramps, turn areas, or in other areas subjected to extremely high traffic abrasion, heavy duty application is required. In such areas, thoroughly mix 70420 wear coat material and apply at a rate of 100 sf/gal (1.0 gal/100 sf) using a 1/16" notched squeegee and 3/8"-1/2" nap roller cover to uniformly backroll prior to applying topcoat. Heavy Duty Wear Coat should be backrolled two times, one perpendicular to the other.
Top Coat:	Thoroughly mix 70420 topcoat material and apply at a rate of 60 sf/gal (1.66 gal/100 sf) using a 1/8" notched squeegee and 3/8"-1/2" nap roller cover to uniformly backroll topcoat. Topcoat should be backrolled two times, one perpendicular to the other. Note: Standard system coating thickness is approximately 40 dry mils exclusive of primer. Heavy duty application areas will yield approximately 52 dry mils exclusive of primer.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.



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:

-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 3000 psi
System Type F(3):	PEDA-GARD™ Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 66 sf/gal (1.5 gal/100 sf or 24 wet mils), to yield 18 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Wear Coat:	Thoroughly mix 7430 series wear coat material and apply at a rate of 200 sf/gal (0.5 gal/100 sf or 8 wet mils) to yield 6 dry mils, and immediately broadcast aggregate, evenly distributed, into wet coating at the rate of 10 lbs/100 sf. When dry, remove excess aggregate.
Top Coat:	Thoroughly mix 7430 series topcoat material and apply at a rate of 150 sf/gal (0.66 gal/100 sf or 10 wet mils) to yield 8 dry mils. Note: System coating thickness is 32 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.
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:	-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 3000 psi
System Type F(4):	PEDA-GARD™ LT Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Where required, thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 60 sf/gal (1.66 gal/100 sf or 26 wet mils), to yield 20 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Top Coat:	Thoroughly mix 7430T topcoat material and apply at a rate of 100 sf/gal (1.0 gal/100 sf or 16 wet mils) to yield 12 dry mils. Note: System coating thickness is 32 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.
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:	-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 4000 psi
System Type F(5):	AUTO-GARD™ Aliphatic Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Where required, thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 60 sf/gal (1.66 gal/100 sf or 26 wet mils), to yield 20 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Wear Coat:	Thoroughly mix 7430 series wear coat material and apply at a rate of 150 sf/gal (0.66 gal/100 sf or 10 wet mils) to yield 8 dry mils, and immediately broadcast aggregate, evenly distributed, into wet coating at the rate of 10 to 15 lbs/100 sf. When dry, remove excess aggregate.
Heavy Duty Wear Coat:	For heavy traffic areas such as ticket booths, spiraled ramps, turn areas or in other areas subjected to high traffic abrasion, heavy duty application is required. In such areas, thoroughly mix 7430 wear coat material and apply a second wear coat at a rate of 100 sf/gal (1.0 gal/100 sf or 16 wet mils) to yield 12 dry mils, and immediately broadcast additional aggregate, evenly distributed, into wet coating at a rate of 10 to 15 lbs/100 sf. When dry, remove excess aggregate.
Top Coat:	Thoroughly mix 7470 topcoat material and apply at a rate of 100 sf/gal (1.0 gal/100 sf or 16 wet mils) to yield 12 dry mils. Note: Standard system coating thickness is 40 dry mils exclusive of primer and aggregate. Heavy duty application areas will yield 52 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.



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:

-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 4000 psi
System Type F(6):	PEDA-GARD™ Aliphatic Waterproofing Systems
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
Base Coat:	Thoroughly mix 70410 base coat material and apply at a rate of 66 sf/gal (1.5 gal/100 sf or 24 wet mils), to yield 18 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Wear Coat:	Thoroughly mix 7430 series wear coat material and apply at a rate of 200 sf/gal (0.5 gal/100 sf or 8 wet mils) to yield 6 dry mils, and immediately broadcast aggregate, evenly distributed, into wet coating at the rate of 10 lbs/100 sf. When dry, remove excess aggregate.
Top Coat:	Thoroughly mix 7470 series topcoat material and apply at a rate of 150 sf/gal (0.66 gal/100 sf or 10 wet mils) to yield 8 dry mils. Note: System coating thickness is 32 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.
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:	-525 psf. (See General Limitation #9)



Deck Type 1:	Concrete Decks
Deck Description:	Min. 4000 psi
System Type F(7):	PEDA-GARD™ TS Waterproofing Systems with Ceramic Tile surfacing
Surface Condition	New concrete shall be water cured and be in place for a minimum of 28 days. Concrete surface must be smooth, monolithic and free of voids, spalled areas, loose substrate and sharp protrusions, dirt and debris, oils, grease, curing compounds, and contain no visible coarse aggregate. Repair defects such as spalled or poorly consolidated areas.
Priming:	Thoroughly mix 7780/7781 primer and apply at a rate of 300 sf/gal (0.33 gal/100 sf) to all concrete surfaces. Within 24 hours of application of 7780/7781 primer, base coat must be applied. If base coat cannot be applied within 24 hours, inspect surface for contaminants, clean surface as necessary, and re-prime.
First Base Coat:	Thoroughly mix 7430 series base coat material and apply at a rate of 80 sf/gal (1.25 gal/100 sf or 20 wet mils), to yield 15 dry mils. Extend base coat over cracks and control joints which have received detail treatment.
Second Base Coat:	Thoroughly mix 7430 series base coat material and apply at a rate of 80 sf/gal (1.25 gal/100 sf or 20 wet mils), to yield 15 dry mils.
Wear Coat:	Thoroughly mix 7430 series wear coat material and apply at a rate of 200 sf/gal (0.5 gal/100 sf or 8 wet mils) to yield 6 dry mils, and immediately broadcast aggregate, evenly distributed, into wet coating at the rate of 10 lbs/100 sf. or until solidly textured. When dry, remove excess aggregate. Note: System coating thickness is 36 dry mils exclusive of primer and aggregate.
Flashing:	Shall be in accordance with Neogard published specifications.
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. Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested.
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.
Topping/Overburden:	Nominal 6" x 6" x 1/4" ceramic tiles complying with ANSI A137.1 attached with Laticrete 254 Platinum thin-set mortar applied with 1/4" trowel.
Maximum Design Pressure:	-502.5 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. 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 Neogard 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 a Factory Trained 'Qualified Applicator' approved and licensed by Neogard. Neogard 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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
11. 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



12. 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

