



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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Miami, Florida 33175-2474
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www.miamidade.gov/economy

Master Builders Solutions Construction Chemicals US, LLC
889 Valley Park Drive
Shakopee, MN 55379

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: MasterSeal Traffic 2500 Waterproofing System.

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. 21-0525.03 and consists of pages 1 through 5.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 22-1223.02
Expiration Date: 05/17/24
Approval Date: 05/25/23
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing Systems
Material: Polyurethane
Deck Type: Concrete
Maximum Design Pressure: -752.5 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
MasterSeal TC 275	4.78 gallons	ASTM C 957	Two component fast-curing polyurethane top coat.
MasterSeal M 265	4.66 gallons	ASTM C 957	Two component fast-curing polyurethane base coat.
MasterSeal P 255	3.4 gallons	N/A	Two component polyurethane based adhesive primer.
MasterSeal 941	N/A	N/A	Silica sand for use over the wearing surface coat.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Granusil 2095	N/A	N/A	Silica sand for use over the wearing surface coat.	Covia Corp.
Ceramic Tiles	12" x 12" 0.25" thick	ANSI A137.1	Exterior grade ceramic plaza deck walking tiles, 5% water absorption max.	Generic
Mortar	Various	ANSI A118.4 ANSI A118.11	One component, polymer-modified portland cement-based tile setting mortar.	Generic

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
PRI Construction Materials Technologies, LLC	BAS-004-02-01	ASTM C 957	10/04/11
	BAS-005-02-01	TAS 114-D	10/04/11
	BAS-044-02-01	TAS 114-D	06/09/16
Southwest Research Institute	01-16924.01.201	ASTM E 108	12/21/11



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APPROVED ASSEMBLIES:

Deck Type 3	Concrete Decks, Non-Insulated
Deck Description:	Min. 3000 psi Terrace/Plaza Deck for Vehicular or Pedestrian Traffic.
System Type A(1):	MasterSeal Traffic 2500 applied directly to substrate without overburden.

All General Limitations apply.

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:	MasterSeal P 255 rolled at minimum coverage rate of 250 ft ² /gallon, providing a minum wet thickness of 4 mils. Re-prime areas if not coated within 24 hours.
Base Coat:	MasterSeal M 265 shall be applied at a minimum rate of 60 ft ² /gallon, providing a minum wet thickness of 25 mils. Base coat shall be applied with notched squeegee and backed roll with a spiked roller to even out base coat and remove any air bubbles.
Top Coat:	MasterSeal TC 275 shall be applied at a minimum rate of 100 ft ² /gallon, providing a minum wet thickness of 15 mils. Immediately broadcast Granusil 2095 (size 16-30) rounded silica sand in the finish coat at a rate of 10-15 lbs/100ft ² and backroll into the wet top coat.
Flashing:	Shall be in accordance with Master Builders Solutions Construction Chemicals US, LLC's 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.
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 and traffic surfacing. All defects observed shall be corrected.
Surfacing:	N/A
Maximum Design Pressure:	-752.5 psf (See General Limitation #9)



Deck Type 3 Concrete Decks, Non-Insulated
Deck Description: Min. 3000 psi Terrace/Plaza Deck for Pedestrian Traffic
System Type A(2): MasterSeal Traffic 2500 applied directly to substrate with Tile overburden.

All General Limitations apply.

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: MasterSeal P 255 rolled at minimum coverage rate of 400 ft²/gallon, providing a minum wet thickness of 4 mils. Re-prime areas if not coated within 24 hours.

Base Coat: MasterSeal M 265 shall be applied at a minimum rate of 55-60 ft² /gallon, providing a minum wet thickness of 25 mils. Base coat shall be applied with notched squeegee and backed roll with a spiked roller to even out base coat and remove any air bubbles.

Top Coat: MasterSeal TC 275 shall be applied at a minimum rate of 55-60 ft²/gallon, providing a minum wet thickness of 15-20 mils. Immediately broadcast MasterSeal 941 (size 16-30) rounded silica sand in the finish coat at a rate of 15-20 lbs/100ft² and backroll into the wet top coat.

Flashing: Shall be in accordance with Master Builders Solutions Construction Chemicals US, LLC's 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.

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 and traffic surfacing. All defects observed shall be corrected.

Surfacing: Minimum 12" x 12" x 1/4" (ANSI A137.1) Exterior grade ceramic plaza deck tile installed with (ANSI A118.4, ANSI A118.11) one component, polymer-modified Portland cement-based tile setting mortar, applied with 1/4" notched 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 Master Builders Solutions Construction Chemicals US, LLC 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 Manufacturer Trained 'Qualified Applicator' approved by Master Builders Solutions Construction Chemicals US, LLC. Master Builders Solutions Construction Chemicals US, LLC 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. MasterSeal Traffic 2500 Waterproofing System shall not be installed without consultation with Master Builders Solutions Construction Chemicals US, LLC if ambient or surface temperature is below 40°F. Do not apply to wet or frozen concrete surface.
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

