



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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NOTICE OF ACCEPTANCE (NOA)

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 1500 Pedestrian Traffic & Vehicular Traffic Bearing 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 revises NOA No. 20-0805.06 and consists of pages 1 through 7.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 21-0525.04
Expiration Date: 08/24/25
Approval Date: 06/17/21
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Deck Type: Concrete
Material: Polyurethane
Maximum Design Pressure: -502.5 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 M 200	5 gal buckets, 55 gallon drums	ASTM C 957	Single component, moisture curing, polyurethane elastomeric waterproofing membrane for horizontal vehicular and pedestrian traffic areas as a waterproofing basecoat.
MasterSeal TC 225	5 gal buckets, 55 gallon drums	ASTM C 957	Single component, moisture curing, polyurethane elastomeric waterproofing membrane with integral aggregate for horizontal vehicular and pedestrian traffic areas as a traffic bearing (pedestrian or vehicular) wearing surface.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
PRI Construction Materials Technologies LLC	BAS-032-02-01	ASTM C 957	08/25/15
	BAS-032-02-02	TAS 114 (D)	08/25/15
	BAS-045-02-01	TAS 114 (D)	06/09/16
UL LLC	R18323	UL 790	04/16/15



NOA No.: 21-0525.04
Expiration Date: 08/24/25
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APPROVED APPLICATIONS:

Deck Type 1 Concrete Decks

Deck Description: Min. 3000 psi

System Type A(1): MasterSeal Traffic 1500 Pedestrian Traffic Bearing System

All General Limitations apply.

Substrate Preparation: Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.

Base Coat: Apply MasterSeal M 200 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. Allow to cure overnight.

Top-Coat Apply MasterSeal TC 225 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. While the coating is still wet, broadcast 15-20 lbs./sq. of #16-30 rounded silica sand into the coating and immediately back roll to encapsulate.

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: -502.5 psf (See General Limitation #9)



Deck Type 1 Concrete Decks
Deck Description: Min. 3000 psi
System Type A(2): MasterSeal Traffic 1500 Vehicular Traffic Bearing System

All General Limitations apply.

Substrate Preparation: Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.

Base Coat: Apply MasterSeal M 200 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. Allow to cure overnight.

Intermediate Coat: Apply MasterSeal TC 225 at a minimum of 80 sq. ft. per gallon (20 wet mils) using a notched squeegee and back rolled to level out application. While the coating is still wet, broadcast 50-60 lbs. of #16-30 rounded silica sand to refusal. Allow to cure overnight.

Top-Coat Remove all loose aggregate. Apply MasterSeal TC 225 at a minimum of 80 sq. ft. per gallon (20 wet mils) using a flat squeegee. Immediately backroll to level topcoat

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: -502.5 psf (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(3):	MasterSeal Traffic 1500 Vehicular Traffic Bearing System
All General Limitations apply.	
Extra Heavy Duty:	This application should be utilized in turn lanes, pay booths, entrances and exits. The Extra Heavy Duty application is as follows.
Substrate Preparation:	Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.
Base Coat:	Apply MasterSeal M 200 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. Allow to cure overnight.
Intermediate Coat:	Apply MasterSeal TC 225 at a minimum of 50 sq. ft. per gallon (32 wet mils) using a notched squeegee and back rolled to level out application. While the coating is still wet, broadcast 50-60 lbs. of #16-30 rounded silica sand to refusal. Allow to cure overnight.
Top-Coat:	Remove all loose aggregate. Apply MasterSeal TC 225 at a minimum of 80 sq. ft. per gallon (20 wet mils) using a flat squeegee. Immediately backroll to level the topcoat
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:	-502.5 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(4):	MasterSeal Traffic 1500 applied directly to substrate with Tile overburden.
All General Limitations apply.	
Surface Condition:	Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.
Base Coat:	Apply MasterSeal M 200 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. Allow to cure overnight.
Top Coat:	Apply MasterSeal TC 225 at a minimum of 55-60 sq. ft. per gallon (25 wet mils) using a notched squeegee and back rolled to level out application. While the coating is still wet, broadcast 15-20 lbs./sq. of #16-30 rounded silica sand into the coating and immediately back roll to encapsulate.
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 1500 Traffic Bearing System shall not be installed over lightweight insulating concrete.
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

