



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)

MAPEI Corporation  
1144 E. Newport Center Drive  
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: Planiseal CR1 Waterproofing 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# 22-0519.03 and consists of pages 1 through 6.  
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 22-1221.03  
Expiration Date: 10/13/27  
Approval Date: 05/11/23  
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## WATERPROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Material:** Elastomeric  
**Deck Type:** Concrete  
**Maximum Design Pressure:** -502.5psf

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

| <b><u>Product</u></b>           | <b><u>Dimensions</u></b> | <b><u>Test Specification</u></b> | <b><u>Product Description</u></b>  |
|---------------------------------|--------------------------|----------------------------------|--|
| Planiseal CR-1                  | 5 gallon                 | ASTM C836                        | Single-Component, 100%-Solids, Cold-Fluid-Applied, Structural Waterproofing Membrane.                    |
| Mapei LMR Fabric                | 36" x 667'               | Proprietary                      | Reinforcing Fabric for Liquid Waterproofing Membranes.   |
| Mapedrain 35 Drainage Composite | 4' x 50' rolls           | Proprietary                      | High-Strength, High-Flow, Prefabricated Drainage Composite with Woven Filter Fabric and Protective Film. |

### TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

| <b><u>Product</u></b> | <b><u>Dimensions</u></b> | <b><u>Test Specification</u></b> | <b><u>Product Description</u></b> | <b><u>Manufacturer</u></b> |
|-----------------------|--------------------------|----------------------------------|-----------------------------------|----------------------------|
| Porcelain Tiles       | 12" x 12" x 3/8"         | ANSI A137.1                      | n/a                               | Generic                    |
| Mortar                | Proprietary              | ANSI A118.15                     | Thin-set mortar                   | Generic                    |

### EVIDENCE SUBMITTED:

| <b><u>Test Agency</u></b>                     | <b><u>Test Identifier</u></b> | <b><u>Description</u></b> | <b><u>Date</u></b> |
|---|-------------------------------|---------------------------|--------------------|
| PRI Construction Materials Technologies, LLC. | 1082T0011                     | ASTM E 108                | 02/08/22           |
|   | 1082T0013 (revised)           | TAS 114 App D             | 08/30/22           |
|   | 1082T0012                     | ASTM C 836                | 02/08/22           |
|   | 1082T0014                     | Physical Properties       | 07/04/22           |



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## APPROVED ASSEMBLIES

|                                 |  |
|---------------------------------|--|
| <b>Deck Type 3:</b>             | Concrete Decks, Non-Insulated  |
| <b>Deck Description:</b>        | 2,500 psi structural concrete or concrete plank  |
| <b>System Type F(1):</b>        | Planiseal CR-1, with Porcelain Tiles   |
| <b>Substrate Preparation:</b>   | <p>New concrete shall be water cured and be in place for 14 days minimum, 21 days preferred. If curing agents are required, they must be of the self-dissipating type and be approved by the membrane manufacturer. Venting of the deck from the underside is recommended to facilitate drying. Concrete around drain shall be depressed to promote positive drainage.</p> <p>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.</p> |
| <b>Base Coat:</b>               | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Reinforcement:</b>           | Embed Mapei LMR Fabric into the base coat of Planiseal CR1 according to the manufacturer's current published application instructions.   |
| <b>Intermediate Coat:</b>       | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Top Coat:</b>                | Apply Planiseal CR1 membrane at a minimum thickness of 20 mils according to the manufacturer's current published application instructions followed by Mapesand Coarse (16/30) or equivalent silica sand broadcasted until refusal.   |
| <b>Integrity Test:</b>          | Required, and shall be performed by an approved lab in accordance with ASTM D5957. Water maybe maintained for a period longer than 24 hours if required.   |
| <b>Inspection:</b>              | Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects observed shall be corrected.   |
| <b>Surfacing:</b>               | Minimum 12" x 12" x 3/8" porcelain tiles adhered to roofing membrane with ANSI A118.15 polymer modified dry set mortar using a minimum 1/4" square notched trowel per ANSI A108.5.   |
| <b>Maximum Design Pressure:</b> | -502.5 psf (See General Limitation #9.)  |



|                                 |  |
|---------------------------------|--|
| <b>Deck Type 3:</b>             | Concrete Decks, Non-Insulated  |
| <b>Deck Description:</b>        | 2,500 psi structural concrete or concrete plank  |
| <b>System Type F(2):</b>        | Planiseal CR-1, Planters   |
| <b>Substrate Preparation:</b>   | <p>New concrete shall be water cured and be in place for 14 days minimum, 21 days preferred. If curing agents are required, they must be of the self-dissipating type and be approved by the membrane manufacturer. Venting of the deck from the underside is recommended to facilitate drying. Concrete around drain shall be depressed to promote positive drainage.</p> <p>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.</p> |
| <b>Base Coat:</b>               | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Reinforcement:</b>           | Embed Mapei LMR Fabric into the base coat of Planiseal CR1 according to the manufacturer's current published application instructions.   |
| <b>Top Coat:</b>                | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Integrity Test:</b>          | Required, and shall be performed by an approved lab in accordance with ASTM D5957. Water maybe maintained for a period longer than 24 hours if required.   |
| <b>Inspection:</b>              | Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects observed shall be corrected.   |
| <b>Drainage Layer:</b>          | Mapedrain 35 Drainage Composite loose laid then backfilled as outlined in the surfacing section of this assembly.  |
| <b>(Optional)</b>               | Root barrier   |
| <b>Surfacing:</b>               | Backfill the planter with minimum 24" of soil medium.  |
| <b>Maximum Design Pressure:</b> | -502.5 psf (See General Limitation #9.)  |

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|---------------------------------|--|
| <b>Deck Type 3:</b>             | Concrete Decks, Non-Insulated  |
| <b>Deck Description:</b>        | 2,500 psi structural concrete or concrete plank  |
| <b>System Type F(3):</b>        | Planiseal CR-1, with concrete slab surfacing.  |
| <b>Substrate Preparation:</b>   | <p>New concrete shall be water cured and be in place for 14 days minimum, 21 days preferred. If curing agents are required, they must be of the self-dissipating type and be approved by the membrane manufacturer. Venting of the deck from the underside is recommended to facilitate drying. Concrete around drain shall be depressed to promote positive drainage.</p> <p>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.</p> |
| <b>Base Coat:</b>               | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Reinforcement:</b>           | Embed Mapei LMR Fabric into the base coat of Planiseal CR1 according to the manufacturer's current published application instructions.   |
| <b>Top Coat:</b>                | Apply Planiseal CR1 membrane at a minimum thickness of 60 mils according to the manufacturer's current published application instructions.   |
| <b>Integrity Test:</b>          | Required, and shall be performed by an approved lab in accordance with ASTM D5957. Water maybe maintained for a period longer than 24 hours if required.   |
| <b>Inspection:</b>              | Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects observed shall be corrected.   |
| <b>Drainage Layer:</b>          | Mapedrain 35 Drainage Composite loose laid then backfilled as outlined in the surfacing section of this assembly.  |
| <b>Surfacing:</b>               | Structural Concrete Slab, minimum 2500 psi, in compliance with applicable Building Code.   |
| <b>Maximum Design Pressure:</b> | N/A  |

## 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 manufacturer's published standard details 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 'Authorized Applicator' approved by MAPEI Corporation. MAPEI Corporation 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. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

A black oval seal with a white border. Inside, the text "MIAMI-DADE COUNTY" is written in white, bold, sans-serif capital letters. Below it, the word "APPROVED" is written in white, bold, sans-serif capital letters, separated from the text above by a thin white horizontal 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**

