



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**DURO-LAST a division of Holcim Solutions and Products US, LLC.**  
**525 W Morley Drive**  
**Saginaw, MI 48601**

**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: DURO-LAST DURO-SHIELD SILICONE Maintenance Coating**

**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. 21-0518.06 and consists of pages 1 through 8.

The submitted documentation was reviewed by Jorge L. Acebo.

11/28/24



NOA No.: 24-0305.16  
Expiration Date: 11/29/29  
Approval Date: 11/28/24  
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## ROOFING COMPONENT APPROVAL

**Category:** Roofing  
**Sub-Category:** Cement-Adhesive-Coatings  
**Materials:** Silicone

### SCOPE:

This approves **DURO-LAST DURO-SHIELD SILICONE Maintenance Coating Systems**, as a maintenance roof coating as described in this Notice of Acceptance, designed to comply with the Florida Building Code, High Velocity Hurricane Zones.

### PRODUCT DESCRIPTION

<b><u>Manufactured by Applicant</u></b>	<b><u>Dimensions</u></b>	<b><u>Test Specifications</u></b>	<b><u>Product Description</u></b>
DURO-SHIELD SILICONE	1, 5 or 55 gallons	ASTM D6694	Single-component, silicone roof coating.

### EVIDENCE SUBMITTED

<b><u>Test Agency</u></b>	<b><u>Test Identifier</u></b>	<b><u>Test Name/Report</u></b>	<b><u>Date</u></b>
NEMO ETC, LLC	4p-DL-20-SSLAP-01.A	ASTM D903	01/25/21
PRI Construction Materials Technologies, LLC	280T0008	ASTM D6694	05/11/21

### MANUFACTURING LOCATION:

1. Largo, FL.

### INSTALLATION:

1. DURO-LAST DURO-SHIELD SILICONE Maintenance Coating shall be installed in accordance with manufacturer's published specifications in compliance with the minimum rate of application specified herein.
2. Approved Substrate for DURO-SHIELD SILICONE: Structural Concrete, Galvalume Steel, Kynar Coated Steel, Galvanized Steel, Vinyl Coated Metal, Plywood, Built-Up Roof, Smooth Surfaced, Built-Up Roof, Gravel Surfaced, EPDM, PVC, TPO, APP Granule, SBS Granule, and Spray Polyurethane Foam (SPUF).

### PHYSICAL PROPERTIES OF COMPONENTS

**Trade name:** DURO-SHIELD SILICONE  
**Thickness:** See Application Rates below.  
**Specifications:** ASTM D6694  
**Description:** A single component silicone maintenance coating.  
**Container Size:** 1, 5 or 55 gallons. Note all cautions on container label.  
**Systems Approvals:** Methods of application and quantities shall comply with specific Roof Assembly, Product Control Notice of Acceptance.



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Expiration Date: 11/29/29  
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## APPROVED MAINTENANCE COATING APPLICATION:

**Substrate:** Structural Concrete\*

### *System 1*

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

\*Note: For application over Concrete as a stand-alone roofing or waterproofing system; see Limitation #1.

**Substrate:** Galvalume Steel

### *System 1*

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply DS Silicone Primer or Duro-Shield One Part Primer to the substrate at an application rate of 1 gallon per 300 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Kynar Coated Steel

### *System 1*

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Kynar Coated Steel

### *System 2*

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash or Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy primer to the substrate at an application rate of 1 gallon per 150 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Galvanized Steel

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash or Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy primer to the substrate at an application rate of 1 gallon per 300 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Vinyl Coated Metal

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Vinyl Coated Metal

***System 2***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash primer to the substrate at an application rate of 1 gallon per 300 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Plywood

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

\*Note: For application over Plywood as a stand-alone roofing or waterproofing system; see Limitation #1.

**Substrate:** **Built-Up Roof, Smooth Surfaced**

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply DS Silicone Primer or Duro-Shield One Part Primer to the substrate at an application rate of 1 gallon per 150 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** **Built-Up Roof, Gravel Surfaced**

***System 2***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash or Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy primer to the substrate at an application rate of 1 gallon per 150 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** **Single Ply; EPDM**

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply DS Silicone Primer or Duro-Shield One Part Primer to the substrate at an application rate of 1 gallon per 150 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** **Single Ply; PVC**

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Single Ply; PVC

***System 2***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply DS Silicone Primer or Duro-Shield One Part Primer to the substrate at an application rate of 1 gallon per 150 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Single Ply; PVC

***System 3***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash or Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy primer to the substrate at an application rate of 1/2 gallon per 100 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Single Ply; TPO

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply DS TPO Blue Primer or Duro-Shield Silicone Roof Primer: TPO to the substrate at an application rate of 1 gallon per 800-900 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** Modified Bitumen APP Granule-Surfaced

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash or Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy primer to the substrate at an application rate of 1/2 gallon per 100 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** **Modified Bitumen SBS Granule-Surfaced**

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.

**Primer:** Apply EPDM Wash primer to the substrate at an application rate of 1/2 gallon per 100 square feet.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.

**Substrate:** **Spray Polyurethane Foam (SPUF)**

***System 1***

**Preparation:** The surface shall be clean, sound and dry prior to application of DURO-SHIELD SILICONE. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with DURO-SHIELD SILICONE. All surface preparation, and repairs, shall be in compliance with the DURO-SHIELD's published application instructions and current Miami-Dade Notice of Acceptance.


**Primer:** None.

**Finish Coat:** DURO-SHIELD SILICONE at an application rate of 1 gallon per 100 square feet.





## LIMITATIONS:

1. **DURO-LAST DURO-SHIELD SILICONE Maintenance Coating Systems products are not approved as and shall not be used as a Roof or Waterproofing System as required by the Florida Building Code Chapter 15 HVHZ.**
  2. The DURO-LAST DURO-SHIELD SILICONE Maintenance Coating Systems shall only be used as a roof or exterior maintenance coating over the substrates specified herein in accordance with Chapter 15 of the Florida Building Code.
  3. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire rating of this product.
  4. All products shall be applied in strict compliance with Manufacturer's published application instructions.
  5. DURO-LAST products shall not be applied in inclement weather conditions.
  6. DURO-LAST shall not be covered with stone chips, screeds, tiles or soil.
  7. DURO-LAST shall not be applied over existing gravel surfaces.
  8. Approved primer is required on all unprotected iron and steel and previously painted surfaces.
  9. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list any of the products listed herein as part of their roof assemblies Notice of Acceptance.
  10. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to Product Control upon request.
  11. All approved products listed herein shall be labeled in compliance with TAS 121 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.
- A black oval seal with the text "MIAMI-DADE COUNTY" in white at the top and "APPROVED" in white at the bottom, separated by a thin white line.
12. Change in materials, use, or manufacture of any of the products listed herein shall be cause for termination of this Notice of Acceptance
  13. 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.
  14. The use of a reinforcing fabric in a maintenance coating is only to enhance the coatings ability to deliver efficient and long term performance through the protection of the underlying roof system and in this particular use does not become a roof system itself.

**END OF THIS ACCEPTANCE**

