MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

**Sika Corporation**
**201 Polito Avenue**
**Lyndhurst, NJ 07071**

## 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: Sikalastic–621 TC or Sikalastic or 641 Lo-VOC RoofPro Systems over Recover Decks**

**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# 23-0817.12 and consists of pages 1 through 7.
The submitted documentation was reviewed by Alex Tigera.

**03/06/25**

## ROOFING SYSTEM APPROVAL

**Category:** Roofing
**Sub-Category:** Liquid Applied Roof Systems
**Deck Type:** Recover
**Material:** Polyurethane
**Maximum Pressure:** See Specific Assemblies

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

| Product | Dimensions | Test Specification | Product Description |
|---|---|---|---|
| Sikalastic 621 TC | 5 gal. | ASTM D7311 | A cold appplied, aliphatic, single component, moisture triggered, polyurethane resin with fiberglass mat or polyester fleece reinforcement to create a seamless membrane and flashing system. |
| Sikalastic 641 Lo-VOC | 5 gal. | ASTM D7311 | A cold applied, aliphatic, single component, moisture triggered; polyurethane resins with fiberglass mat or polyester fleece reinforcement to create a seamless membrane and flashing system. |
| Reemat Premium | 49” x 295’ Roll | Proprietary | A randomly oriented glass fiber reinforcement scrim which is capable of stretching within the membrane to accommodate a high degree of thermal and structural movement. |
| SikaFleece 120, SikaFleece 140, SikaFleece 170 | 48” x 300’ Roll | Proprietary | A non-woven needle-punched polyeser fleece which is capable of stretching within the membrane to accommodate a high degree of thermal and structural movement. |
| Sikalastic EP Primer/Sealer | 1 gal. kit | Proprietary | Two-component epoxy primer for multiple substrates. |
| Sikalastic EPDM Primer | 1 gal pail, 6-gal Case | Proprietary | Single component rubber polymer based primer to improve adhesionor Sikalastic liquid membranes to flexible EPDM and TPO roofing membranes |

## EVIDENCE SUBMITTED:

| Test Agency | Test Identifier | Test Specification | Date |
|---|---|---|---|
| Factory Mutual Research Corp. | 3040555 | FM 4470 | 08/30/10 |
| | 3049736 | FM 4470 | 06/02/14 |
| | 3046387 | FM 4470 | 04/12/13 |
| | PR 453001 | FM 4470 | 12/23/19 |
| PRI Construction Materials Technologies LLC | LPI-048-02-01 | Physical Properties | 07/30/14 |
| | LPI-048-02-02 | ASTM D1970 | 07/30/14 |
| | LPI-045-02-01 | ASTM D7311 | 12/04/14 |
| | LPI-078-02-01.1 | ASTM D 562/ASTM D 1475/ASTM D 1644/ ASTM D 96 | 08/29/17 |
| | LPI-046-02-01 | ASTM C297 | 11/20/14 |
| | LPI-052-02-01 | ASTM C836 | 12/18/14 |
| SGS Tec Services | 24-0971 | ASTM D7311 | 01/15/25 |
| | 24-0972 | ASTM C836 | 02/03/25 |

## APPROVED ASSEMBLIES:

| | |
|---|---|
| **Deck Type 7:** | Recover, Non-Insulated |
| **Deck Description:** | Steel/Concrete/Wood |
| **System Type F(1):** | Membrane adhered to existing mineral surfaced BUR/SBS/APP, TPO, EPDM, or PVC roofing systems. Existing roof system performance to be verified by AHJ per applicable TAS 124 on site uplift testing. |

**All General and System Limitations apply.**

| | |
|---|---|
| **Primer:** | Existing BUR/SBS/APP or PVC roof membrane is primed with Sikalastic EP Primer/Sealer through roller method at a maximum rate of 200 ft2/gal (0.5 gal/sq)<br>OR<br>Existing TPO or EPDM roof membrane is primed with Sikalastic EPDM Primer through roller method at a maximum rate 200-250 ft2/gal (0.5-0.4 gal/sq) |
| **Base Coat:** | Once the primer is properly cured apply a coat of Sikalastic 621 TC at a rate of 3 gal./square<br>OR<br>Once the primer is properly cured apply a coat of Sikalastic 641 Lo-VOC at a rate of 3.1 gal./square |
| **Ply Sheet:** | Reemat Premium is applied with minimum 3" wide side laps, directly into the wet embedment coat and rolled to ensure encapsulation |
| **Top Coat:** | Once the base coat is properly cured, apply a coat of Sikalastic 621 TC at a rate of 2.0 gal/square .<br>OR<br>Once the base coat is properly cured, apply a coat of Sikalastic 641 Lo-VOC at a rate of 2.0 gal/square |
| **(Optional) Second Top Coat:** | Once the top coat is properly cured, apply an intermediate coat of Sikalastic 621 TC at a rate of 2.0 gal./square.<br>OR<br>Once the top coat is properly cured, apply an intermediate coat of Sikalastic 641 Lo-VOC at a rate of 1.5 gal./square |
| **Maximum Design Pressure:** | (As determined by TAS 124 on site uplift testing.) |

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|---|---|
| **Deck Type 7:** | Recover, Non-Insulated |
| **Deck Description:** | Steel/Concrete/Wood |
| **System Type F(2):** | Membrane adhered to existing mineral surfaced BUR/SBS/APP, TPO, EPDM, or PVC roofing systems. Existing roof system performance to be verified by AHJ per applicable TAS 124 on site uplift testing. |

**All General and System Limitations apply.**

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| **Primer:** | Existing BUR/SBS/APP or PVC roof membrane is primed with Sikalastic EP Primer/Sealer through roller method at a maximum rate of 200 ft2/gal (0.5 gal/sq)<br>OR<br>Existing TPO or EPDM roof membrane is primed with Sikalastic EPDM Primer through roller method at a maximum rate 200-250 ft2/gal (0.5-0.4 gal/sq) |
| **Base Coat:** | Once the primer is properly cured apply a coat of Sikalastic 621 TC at a rate of 3.0 gal./sq. to the Sika Fleece 120, 3.1 gal./sq. to the Sika Fleece 140, or 3.8 gal./sq.to the Sika Fleece 170<br>OR<br>Once the primer is properly cured apply a coat of Sikalastic 641 Lo-VOC at a rate of 2.8 gal./sq. to the Sika Fleece 120, 3.1 gal./sq. to the Sika Fleece 140, or 4.2 gal./sq.to the Sika Fleece 170 |
| **Ply Sheet:** | SikaFleece 120 to the wet Base Coat, SikaFleece 140 to the wet Base Coat, or SikaFleece 170 (to the wet Base Coat with minimum 3" wide side laps and 6" wide end laps, directly into the wet embedment coat and rolled with a wet roller to ensure contact. |
| **Top Coat:** | Immediately apply a top coat of Sikalastic 621 TC at a rate of 2.0 gal./sq. for SikaFleece 120, at a rate of 2.2 gal./sq. for SikaFleece 140, or at a rate of 2.5 gal./sq. for SikaFleece 170.<br>OR<br>Immediately apply a top coat of Sikalastic 641 Lo-VOC at a rate of 1.6 gal./sq. for SikaFleece 120, at a rate of 1.9 gal./sq. for SikaFleece 140, or at a rate of 2.1 gal./sq. for SikaFleece 170. |
| **Maximum Design Pressure:** | (As determined by TAS 124 on site uplift testing.) |

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|---|---|
| **Deck Type 7:** | Recover, Non-Insulated |
| **Deck Description:** | Metal Panel |
| **System Type F(3):** | Existing uninsulated metal panel standing seam roof cover system. Existing roof system performance to be verified by AHJ per applicable TAS 124 on site uplift testing. |

**All General and System Limitations apply.**

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|---|---|
| **Primer:** | Existing roof is primed with Sikalastic EP Primer/Sealer through roller method at a maximum rate of 250 ft2/gal (0.16 gal/sq) |
| **Base Coat:** | Once the primer is properly cured apply a coat of Sikalastic 621 TC at a rate of 1.25 gal./square<br>OR<br>Once the primer is properly cured apply a coat of Sikalastic 641Lo-VOC at a rate of 1.25 gal./square |
| **Ply Sheet:** | Sika Flexitape Heavy laid directly into the wet base coat over each standing lap seam<br>OR<br>Sika Joint Tape SA applied to properly cured primer coat over each standing lap seam |
| **Top Coat :** | Once the base coat is properly cured apply a coat of Sikalastic 621 TC at a rate of 1.25 gal/square.<br>OR<br>Once the primer is properly cured apply a coat of Sikalastic 641 Lo-VOC at a rate of 1.25 gal./square |
| **Maximum Design Pressure:** | (As determined by TAS 124 on site uplift testing.) |

## RECOVER SYSTEM LIMITATIONS:

1. All System Limitations and General Limitations shall apply. See specific deck type Notice of Acceptance for deck type System Limitations.
2. All assemblies listed herein shall be installed in compliance with the applicable sections of FBC 1521. Uplift performance of assemblies bonded to existing roofing system shall be verified per 1521.10. Uplift performance of assemblies mechanically attached through existing roofing system shall be verified per 1521.11.

## 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. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt and/or adhesives panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
   **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
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. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
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 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