MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

# NOTICE OF ACCEPTANCE (NOA)

**Ecology Roof Systems**
**505 N. Tustin Ave., suite #188**
**Santa Ana, CA 92705**

## SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Ecology Roof 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 consists of pages 1 through 7.
The submitted documentation was reviewed by Frank Zuloaga, RRC

## ROOFING ASSEMBLY APPROVAL

**Category:** Roofing
**Sub-Category:** Cements and Coatings
**Fire Classification:** See General Limitation #1

**EVIDENCE SUBMITTED:**

| Test Agency | Test Identifier | Test Name / Report | Date |
|---|---|---|---|
| PRI Asphalt Technologies, Inc | B103, #101-1 | ASTM D 4586-93 | 03/11/94 |
| PRI Asphalt Technologies, Inc | B103, #101-1 | ASTM D 3409-81 | 03/11/94 |
| PRI Asphalt Technologies, Inc | A046, #104-1 | ASTM D 41 | 04/06/94 |
| PRI Asphalt Technologies, Inc | B-183, #120AF-1 | ASTM D 2824-85, Type III | 04/18/94 |
| PRI Asphalt Technologies, Inc | D-0062, #126-0 | ASTM D 2824-85, Type I | 03/10/94 |
| PRI Asphalt Technologies, Inc | D-0132, #202AF-3 | ASTM D 4479-93 | 04/11/94 |
| PRI Asphalt Technologies, Inc | G-0291, #216AF-0 | ASTM D 3019-85, Type III | 02/14/94 |
| PRI Asphalt Technologies, Inc | G-0201, #701AF-0 | ASTM D 4586-93 | 02/18/94 |
| PRI Asphalt Technologies, Inc | M-0362, #711AF-0 | ASTM D 3019-85 Type III | 02/14/94 |
| PRI Asphalt Technologies, Inc | B-2016, #2100AF-1 | ASTM D 3019-85 Type III | 03/08/94 |
| PRI Asphalt Technologies, Inc | B-2016, #2100AF-1 | ASTM D 3409-81 | 03/08/94 |
| DL Laboratories | DL-9951-R | ASTM D 962, Type II | 04/13/94 |

## PHYSICAL PROPERTIES OF COMPONENTS:

**Trade name:** **ERS – 300 Asphalt Mastic**

**Application Rate:** This material is applied by trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/20 sq. ft. For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 4586 Type I, D 3409

**Description:** An all weather flashing cement that adheres to all surfaces, wet or dry. Blended with select asphalts, cellulose fibers, surfactants, mineral stabilizers, and pure hydrocarbon solvents. Used for protecting, waterproofing, patching and sealing old and new roofs. This material is applied by trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/20 sq. ft.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 301 Asphalt Primer**

**Application Rate:** Min. rate 1gal. /100ft$^2$ for systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D-41

**Description:** An asphalt concrete primer used as a bonding coat for prime coating, rust proofing, waterproofing and solidification of dust particles and sealing of porosity prior to application of subsequent materials. Apply cold to concrete, felt, plastics, gypsum, glass, wood or metals.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 304 Flashing Mastic**

**Application Rate:** Applied with a trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/20 sq. ft. For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 4586

**Description:** An asbestos free asphaltic base, multipurpose plastic roof cement for repairing leaks, cracks, and holes in concrete, steel, or metal roofs. For use on all flashing around skylights, gutters, and in all crevices. It can also be applied as a heavy-duty foundation coating. Applied with a trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/20 sq. ft.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 200F Emulsion**

**Application Rate:** For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 4479

**Description:** Asbestos free ERS – 200F Emulsion is a liquid asphalt waterproofing fortified with mineral fibers. Remove loose gravel and dirt before application and make sure surface is clean and dry. Adheres to any solid surface, concrete, all metals, wood, felt, plastics and glass. Applied cold with brush or mop.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 309 Interply Adhesive**

**Application Rate:** Apply with 1/8"-1/4" notched squeegee, standard roofing brush or roller at an approximate rate of 1 gal/50 to 60 sq. ft. Overlaps should be 4" wide. For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 3019 Type III

**Description:** Asbestos free rubberized adhesive made from oxidized base asphalts, blended with a high concentration of SBS rubber and reinforcing fibers. For use in applying modified adhesive sheets. Also recommended for applying glass base ply, as lap cement. Surface must be clean and dry before application.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 306 Roof Elastomer**

**Application Rate:** Applied with a trowel at a minimum rate of 1/8" thick, approximately 1 gal/20 sq. ft. For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 3019 Type III, and D 3409

**Description:** Asbestos free flashing compound manufactured with high-grade oxidized base asphalts. Fortified with SBS rubber. Special surfactants make this product applicable in any climate or weather. Manufactured to adhere to all solid surfaces, wet or dry. For use in repairing, sealing, or adhering to all types of roofing. A trowel grade modified adhesive as well as flashing cement. Uses include fixing leaks around vent pipes, skylights, valleys, chimneys, joints, starting shingles as well as patching small holes. May be used to repair modified asphalt sheets as well as conventional roofing. Not for use on coal tar roofs.

**Container Size:** 1, 3, 55 gallons and 10.5 ounce caulking tubes.

**Trade name:** **ERS – 308 Aluminum Roof Coating**

**Application Rate:** For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 2824 Type III

**Description:** Asbestos free, heavy duty, fibered aluminum asphalt coating that provides reflectivity while ensuring protection against moisture and corrosion. Do not work coating excessively during application. Attempt to brush or roll on in one direction. Can be used on all types of roofs, well suited for modified bitumen.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 305 Aluminum Roof Coating**

**Application Rate:** For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

**Specifications:** ASTM D 2824 Type I

**Description:** A brilliant, durable paint designed to withstand extreme weather conditions. This product uses paint grade aluminum paste and a leafing finish. For use on roofs of all types, storage tanks, masonry surfaces, and structural steel. It also is a rust and corrosion resistant coating for all types of metal surfaces. Application of this product may be done with a mop, brush or spray equipment.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS – 302 Interply Adhesive**

**Application** For systems approvals, refer to specific Roof Assembly, Product Control Notice of

**Rate:** Acceptance.

**Specifications:** ASTM D 3019 Type III

**Description:** Asbestos free, fibered, cold process cement. For use as interplay adhesive for built up roofs. May also be used as an extra heavy bodied roof coating. Apply to clean dry surface using stiff brittle brush, roller, or spray equipment.

**Container Size:** 1, 5, 55 gallons. Note all cautions on container label.

**Trade name:** **ERS –White Top**

**Application Rate:** This material is applied by spray equipment, roller, knife or brush. For specific roof deck please review Ecology Roof Systems - White Top application procedures.

**Specifications:** Miami Dade Protocol TAS-143.

**Description:** A styrene acrylic based elastomeric designed specifically to recover, restore, repair or create a roofing system. Used for protecting, waterproofing, patching and sealing new and old roofs.

**Container Size:** 1, 5, 55 gallons and quart tubes. Note all cautions on container label.

## 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. Ecology Roof Systems shall not be applied in inclement weather conditions.
3. The product 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.
4. 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 BCCO upon request.
5. All approved products listed herein shall be labeled in compliance with TAS 121.
6. Change in materials, use, or manufacture of any of the products listed herein shall be cause for termination of this Notice of Acceptance.
7. This maintenance coating system shall not be applied over, prepared roofing; i.e., fiber-cement shingles, quarry slate, cement or clay roof tile, metal shingles, wood shingles or shakes.
8. Ecology Roof Systems shall be applied in accordance with manufacturer's published application instructions.

**END OF THIS ACCEPTANCE**