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)

**SR Products**
**13311 Union Avenue**
**Cleveland, OH 44120**

**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 the BCCO and accepted by the Building Code and Product Review Committee 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 Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: SR Products Built-up Roofing Systems Over Cementitious Wood Fiber 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 consists of pages 1 through 6.
The submitted documentation was reviewed by Jorge L. Acebo.

MIAMI-DADE COUNTY APPROVED

## ROOFING SYSTEM APPROVAL

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|---|---|
| **Category:** | Roofing |
| **Sub-Category:** | BUR |
| **Deck Type:** | Cementitious Wood Fiber |
| **Maximum Design Pressure** | -135 psf |

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

**TABLE 1**

| Product | Dimensions | Test Specification | Product Description |
|---|---|---|---|
| S.R. Superior Ply | 3' x 110' | TAS 110 | Roofing sheet comprised of fiberglass mat and modified bitumen compound. |
| S.R. Superior Ply Ultra | 3' x 75' | TAS 110 | Roofing sheet comprised of glass fiber, strand and non-woven polyester mat coated with oxidized asphalt surfaced with fine sand. |
| Superior Flex Moisture Guard Plus | 5 Gallon Pails | ASTM D4586 | A Fiberglass reinforced polymer-enriched waterproofing material. |
| Superior Flex Maxi Seal | 5 Gallon Pails | ASTM D3019 | A two component modified coal tar epoxy used as a protective roof coating. |
| Superior Flex Seal Plus | 5 Gallon Pails | ASTM D3019 | A thermoplastic rubber coating and mastic designed for waterproofing a variety of structural surfaces. |
| S.R. Insulation Adhesive | 5 Gallon Pails | Proprietary | A two-component modified coal tar epoxy designed for adhering a wide range of approved insulation materials to standard roof deck assemblies. |

## APPROVED INSULATIONS:

**Table 2**

| Product Name | Product Description | Manufacturer (With Current NOA) |
|---|---|---|
| AC Foam II & III | Polyisocyanurate foam insulation | Atlas Roofing Corporation |
| H-Shield | Polyisocyanurate foam insulation | Hunter Panels, LLC |
| EnergyGuard | Polyisocyanurate foam insulation | GAF Materials Corp. |

## APPROVED FASTENERS:

TABLE 3

| Fastener Number | Product Name | Product Description | Dimensions | Manufacturer (With Current NOA) |
|---|---|---|---|---|
| 1. | N/A | N/A | N/A | N/A |

## EVIDENCE SUBMITTED:

| Test Agency | Test Identifier | Description | Date |
|---|---|---|---|
| IRT-ARCON, Inc. | IRT06047 | TAS 114 "J" | 5/18/06 |
| | IRT07009 | TAS 114 "J" | 5/18/06 |
| FM Approvals | 3028326 | 4470 | 10/26/07 |
| Underwriters Laboratories, Inc | R19353 | Fire Classification | 10/01/07 |
| | R13477 | Fire Classification | 09/17/07 |
| | R22025 | Fire Classification | 01/24/06 |
| Momentum Technologies, Inc | EX30F6A | Physical Properties | 10/17/06 |
| | EX19H5A | Physical Properties | 10/17/06 |
| | EX29F6A | Physical Properties | 10/17/06 |
| | TX08L6A | TAS 117(B) & TAS 110 | 12/13/06 |
| | TX08L6A | TAS 117(B) & TAS 110 | 01/05/07 |
| | TX07E7A | ASTM D4586 | 06/21/07 |
| | EX20C7A | ASTM D903 | 06/29/07 |
| | TX07E7B | ASTM D3019 | 06/21/07 |
| | TX07E7C | ASTM D3019 | 06/21/07 |

## APPROVED ASSEMBLIES

**Deck Type 5I:** Cementitious Wood Fiber, Insulated

**Deck Description:** Cementitious Wood Fiber

**System Type A:** Anchor sheet fully adhered to the Cementitious Wood Fiber deck then adhere insulation and membranes to the anchor sheet.

**All General and System Limitations apply.**

Anchor Sheet: Install S.R. Superior Ply Ultra fully adhered to the deck using S.R. Superior Flex Maxi Seal applied at 2-2½ gallons/ 100 $ft^2$ to the deck.

One or more layers of any of the following insulations.

| Base Layer Insulation | Insulation Fasteners (Table 3) | Fastener Density/$ft^2$ |
|---|---|---|
| **EnergyGuard** Minimum 2" thick | N/A | N/A |

**Note: Insulation shall be partially adhered to the anchor sheet. Apply beads of S.R. Insulation Adhesive, 1" wide, spaced 6" to the anchor sheet. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation panels listed are minimum sizes and dimensions.**

Ply Sheet: Install 3 full plies of S.R. Superior Ply Ultra adhered with S.R. Superior Flex Maxi Seal applied at 2-2½ gallons/ 100 $ft^2$ to the anchor sheet.

Cap Sheet: N/A

Surfacing: N/A

Maximum Design Pressure: -135 psf (See General Limitation #9)

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|---|---|
| **Deck Type 6:** | Cementitious Wood Fiber, Non-Insulated |
| **Deck Description:** | Cementitious Wood Fiber |
| **System Type F:** | Anchor sheet fully adhered to the Cementitious Wood Fiber deck. |

**All General and System Limitations apply.**

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|---|---|
| Anchor Sheet | Install S.R. Superior Ply Ultra fully adhered to the deck using S.R. Superior Flex Maxi Seal applied at 2-2½ gallons/ 100 $ft^2$ to the deck. |
| Ply Sheet: | Install 2 full plies of S.R. Superior Ply Ultra adhered with S.R. Superior Flex Maxi Seal applied at 2-2½ gallons/ 100 $ft^2$ to the anchor sheet. |
| Cap Sheet: | N/A |
| Surfacing: | N/A |
| Maximum Design Pressure: | -105 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. 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, 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 Engineer, 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 9B-72 of the Florida Administrative Code.

# END OF THIS ACCEPTANCE