



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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NOTICE OF ACCEPTANCE (NOA)

Simon Roofing and Sheet Metal Corporation
dba SR Products
70 Karago Avenue
Youngstown, OH 44512

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 PERA – 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. PERA 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: SR Products Built-up Roofing Systems Over Recover Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series 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.



NOA No.: 11-0912.07
Expiration Date: 05/24/17
Approval Date: 05/24/12
Page 1 of 6

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: BUR
Deck Type: Steel
Material: Fiberglass
Maximum Design Pressure: -45 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
S.R. SuperiorPly	3' x 72'	TAS 110	Roofing sheet comprised of glass fiber, strand and non-woven polyester mat coated with oxidized asphalt surfaced with fine sand.
S.R. SuperiorPly Ultra	3' x 72'	TAS 110	Roofing sheet comprised of glass fiber, strand and non-woven polyester mat coated with oxidized asphalt surfaced with fine sand.
SuperiorFlex Seal MG Plus	5 Gallon Pails	ASTM D4586	A Fiberglass reinforced polymer-enriched waterproofing material.
SuperiorFlex Seal Max	5 Gallon Pails	ASTM D3019	A two component modified coal tar epoxy used as a protective roof coating.
SuperiorFlex 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.
Wite Brite Elastomeric Coating	5 and 55 gallon Containers	ASTM D6083	A water-based elastomeric coating
SR Sun-Gard Plus Aluminum Roof Coating	5 and 55 gallon Containers	ASTM D2824	A brush or spray grade asphalt surfacing material containing aluminum pigment for use in weathering protection.

APPROVED INSULATIONS:

Table 2

Product Name	Product Description	Manufacturer (With Current NOA)
ACFoam II	Polyisocyanurate foam insulation	Atlas Roofing Corp.
High Density Wood Fiberboard	High Density Wood Fiber insulation board.	Generic
DensDeck	Water resistant gypsum board	G-P Gypsum Corp.



APPROVED FASTENERS:

TABLE 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
1.	OMG Heavy Duty	Heavy Duty Insulation fastener and Base Play fastener for steel, wood & concrete decks.	7" length	OMG, Inc.
2.	OMG XHD	Extra Heavy Duty Insulation fastener and Base Play fastener for steel, wood & concrete decks.	7" length	OMG, Inc.
3.	Recessed Metal Plate	Galvalume stress plate.	3" square	OMG, Inc.
4.	3" Ribbed Galvalume Plate	Galvalume steel stress plate	3" round	OMG, Inc
5.	AccuTrac Plate	Glavalume steel plate	3" square	OMG, Inc.
6.	OMG #12, #14, #15 Roofgrip fasteners	Carbon, CR-10 coated, steel fasteners	Various	OMG, Inc.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Factory Mutual Research Corp.	3012122	FM 4470	06/13/03
Underwriters Laboratories, Inc	R19353	UL 790	10/01/07
	R13477	UL 790	09/17/07
	R22025	UL 790	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

Membrane Type: BUR

Deck Type 7I: Recover, Insulated

Deck Description: Wood/Steel

System Type C(1): All layers of insulation simultaneously attached; membrane fully adhered.

All General and System Limitations apply.

One or more layers of the following insulations:

Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft ²
Approved High Density Fiberboard Minimum 1" thick	1, 2 or 6 with approved plates	1:2 ft ²

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Anchor Sheet: N/A.

Ply Sheet: Install 3 full plies of S.R. SuperiorPly Ultra adhered with SuperiorFlex Seal Plus applied at 2½ - 3 gallons/ 100 ft² to the top insulation layer.

Cap Sheet: N/A

Surfacing: (Required) Install one of the following:

1. Apply a top coat of SuperiorFlex Seal Max at a rate of 2-2½ gal./100ft².
2. Apply a top coat of SuperiorFlex Seal MG Plus at a rate of 6-6½ gal./100 ft².
3. 400 lb./100 ft² gravel in a flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft².
4. 400 lb./100 ft² gravel in a flood coat of SuperiorFlex Seal Plus at a rate of 5-6 gal./100 ft² to the ply sheets.
5. A flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft² and allowed to cure; followed by SR Sun-Gard Plus Aluminum Roof Coating at a rate of 1-2 gal./100 ft².
6. Wite Brite Elastomeric Coating apply Base Coat at a rate of 1.5 to 2 gal/100 ft² and Finish Coat at a rate of 1.5 to 2 gal/100 ft².

Maximum Design

Pressure: -45 psf (See General Limitation #9)



Membrane Type: BUR
Deck Description: Concrete
System Type C(2): All layers of insulation simultaneously attached; membrane fully adhered.

All General and System Limitations apply.

Fire Barrier: (Optional) Minimum ¼” thick Dens Deck® loose laid on concrete deck

One or more layers of any of the following insulations.

Base Layer Insulation	Insulation Fasteners (Table 3)	Fastener Density/ft²
ACFoam II Minimum 1.5” thick	N/A	N/A
Top Layer Insulation	Insulation Fasteners (Table 3)	Fastener Density/ft²
Approved High Density Fiberboard Minimum 1” thick	1, 2 or 6 with approved plates	1:2 ft ²

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Anchor Sheet N/A.

Ply Sheet: Install 3 full plies of S.R. SuperiorPly Ultra adhered with SuperiorFlex Seal Plus applied at 2½ - 3 gallons/ 100 ft² to the top insulation layer.

Cap Sheet: N/A

Surfacing: (Required) Install one of the following:

1. Apply a top coat of SuperiorFlex Seal Max at a rate of 2-2½ gal./100ft².
2. Apply a top coat of SuperiorFlex Seal MG Plus at a rate of 6-6½ gal./100 ft².
3. 400 lb./100 ft² gravel in a flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft².
4. 400 lb./100 ft² gravel in a flood coat of SuperiorFlex Seal Plus at a rate of 5-6 gal./100 ft² to the ply sheets.
5. A flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft² and allowed to cure; followed by SR Sun Guard Plus Aluminum Roof Coating at a rate of 1-2 gal./100 ft².
6. Wite Brite Elastomeric Coating apply Base Coat at a rate of 1.5 to 2 gal/100 ft² and Finish Coat at a rate of 1.5 to 2 gal/100 ft².

Maximum Design Pressure: -45 psf (See General Limitation #9)



RECOVER SYSTEM LIMITATIONS:

1. All System Limitations and General Limitations shall apply. See specific deck type Notice of Acceptance for deck type System Limitations.

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 9N-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

