DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
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 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: SR Products Built–up Roofing Systems Over Concrete 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 NOA #18-0220.05 and consists of pages 1 through 7.
The submitted documentation was reviewed by Alex Tigera.

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	BUR
Deck Type:	Concrete
Maximum Design Pressure:	-305 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
S.R. SuperiorPly	3' x 110'	ASTM D4601	Roofing sheet comprised of fiberglass mat and modified bitumen compound.
S.R. SuperiorPly Ultra	3' x 75'	ASTM D4601	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 gallons Containers	ASTM D6083	A water-based elastomeric coating.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
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.	IRT06026	TAS 114 "D"	5/20/06
	IRT06028	TAS 114 "D"	5/24/06
	IRT06029	TAS 114 "D"	5/17/06
	IRT06030	TAS 114 "D"	5/17/06
	IRT06031	TAS 114 "D"	5/19/06
	IRT06025	TAS 114 "D"	5/23/06
	IRT06027	TAS 114 "D"	5/23/06
	IRT06034	TAS 114 "D"	5/21/06
	IRT06032	TAS 114 "D"	5/18/06
	IRT06036	TAS 114 "D"	5/20/06
	IRT06033	TAS 114 "D"	5/17/06
	IRT07010	TAS 114 "D"	2/23/07
			5/20/06
	IRT06035	TAS 114 "D"	
FM Approvals	3028326	FM 4470	10/26/07
	3008019	FM 4470	05/17/02
Underwriters Laboratories, Inc	R19353	UL 790	10/01/07
	R13477	UL 790	09/17/07
		UL 790	01/24/06
	R22025		
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) & ASTM D4601	12/13/06
	TX08L6A	TAS 117(B) & ASTM D4601	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
	EX12B3B	ASTM D6083	05/17/03
PRI Asphalt Technologies	SRP-008-02-01	TAS 114(H) & ASTM D6083	10/19/05

APPROVED ASSEMBLIES

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 3000 psi structural concrete or concrete plank.

System Type A(1): Insulation adhered to deck; membranes are subsequently adhered to insulation.

All General and System Limitations apply.

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 concrete deck. Apply beads of S.R. Insulation Adhesive, 1" wide, spaced 6" on center. 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 Max applied at 2-2½ gallons/ 100 ft^2 to the 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./100ft^2.
2. Apply a top coat of SuperiorFlex Seal MG Plus at a rate of 6-6½ gal./100 ft^2.
3. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2.
4. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Plus applied at a rate of 5-6 gallons/100 ft^2 to the ply sheets
5. A flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2 and allowed to cure; followed by a Miami-Dade approved Aluminum Roof Coating applied as specified in the NOA approval.
6. Wite Brite Elastomeric Coating apply Base Coat at a rate of 1.5 to 2 gal/100 ft^2 and Finish Coat at a rate of 1.5 to 2 gal/100 ft^2

Maximum Design Pressure: -290 psf (See General Limitation #9)

Deck Type 3I:	Concrete Decks, Insulated
Deck Description:	3000 psi structural concrete or concrete plank.
System Type F(1):	Membranes are fully adhered directly to deck

All General and System Limitations apply.

Anchor Sheet	N/A.
Ply Sheet:	Install 3 full plies of S.R. SuperiorPly Ultra adhered with SuperiorFlex Seal Max applied at 2-2½ gallons/ 100 ft^2 to the 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./100ft^2. 2. Apply a top coat of SuperiorFlex Seal MG Plus at a rate of 6-6½ gal./100 ft^2. 3. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2. 4. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Plus applied at a rate of 5-6 gallons/100 ft^2 to the ply sheets 5. A flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2 and allowed to cure; followed by a Miami-Dade approved Aluminum Roof Coating applied as specified in the NOA approval. 6. Wite Brite Elastomeric Coating apply Base Coat at a rate of 1.5 to 2 gal/100 ft^2 and Finish Coat at a rate of 1.5 to 2 gal/100 ft^2
Maximum Design Pressure:	-252.5 psf (See General Limitation #9)

Deck Type 3I:	Concrete Decks, Insulated
Deck Description:	3000 psi structural concrete or concrete plank.
System Type F(2):	Membranes are fully adhered directly to deck

All General and System Limitations apply.

Anchor Sheet	N/A.
Ply Sheet:	Install 3 full plies of S.R. SuperiorPly adhered with SuperiorFlex Seal Max applied at 2-2½ gallons/ 100 ft^2 to the concrete deck.
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./100ft^2. 2. Apply a top coat of SuperiorFlex Seal MG Plus at a rate of 6-6½ gal./100 ft^2. 3. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2. 4. 400 lb./100 ft^2 gravel in a flood coat of SuperiorFlex Seal Plus applied at a rate of 5-6 gallons/100 ft^2 to the ply sheets 5. A flood coat of SuperiorFlex Seal Max at an application rate of 5gal./100 ft^2 and allowed to cure; followed by a Miami-Dade approved Aluminum Roof Coating applied as specified in the NOA approval. 6. Wite Brite Elastomeric Coating apply Base Coat at a rate of 1.5 to 2 gal/100 ft^2 and Finish Coat at a rate of 1.5 to 2 gal/100 ft^2
Maximum Design Pressure:	-305 psf (See General Limitation #9)

CONCRETE DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant.

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 side lap 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 to 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