

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

RESISTO a division of Soprema, Inc. (Canada) 1688 Jean-Berchmans-Michaud Drummondville, QC J2C 0C2 Canada

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: RESISTO Self-Adhered Roofing Systems over Wood 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 No. 21-0420.21 and consists of pages 1 through 10.

The submitted documentation was reviewed by Jorge L. Acebo.

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MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786)315-2590 F (786) 31525-99 www.miamidade.gov/economy

ROOFING SYSTEM APPROVAL

Category:	Roofing
<u>Sub-Category:</u>	Modified Bitumen
<u>Material:</u>	SBS
Deck Type:	Wood
Maximum Design Pressure:	-127.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

		TABL	Е 1
<u>Product Name</u>	Dimensions	Test <u>Specification</u>	Product <u>Description</u>
SA Smooth Ply 40	39" x 65' rolls	ASTM D4601	Self-adhered, base ply membrane composed of SBS modified bitumen.
SA Nail Base	39" x 49'	ASTM D6163 ASTM D4601	Fiberglass reinforced, SBS modified bitumen, base sheet for bonding or mechanically attaching to substrate.
SA Cap GR	39" x 33'	ASTM D6163	Self-adhered, granule surfaced, composite (glass mat/glass grid) reinforced membranes.
SA Cap FR GR	39" x 33'	ASTM D6163	Self-adhered, granule surfaced, composite (glass mat/glass grid) reinforced membranes.
Modified Sopra G	39" x 108' (3.5 sq.)	ASTM D4601	Fiberglass reinforced modified asphalt base sheet for bonding or mechanically attaching to substrate. For use as a base/ply sheet only.
Resistoflex	36" x 33' or 44" x 65'	ASTM D4601	Fiberglass reinforced modified asphalt base sheet for bonding or mechanically attaching to substrate. For use as a base/ply sheet only.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer <u>(With Current NOA)</u>
ACFoam-II	Polyisocyanurate foam insulation	Atlas Roofing Corporation
H-Shield	Polyisocyanurate foam insulation	Hunter Panels, a div. of Carlisle Const. Materials

APPROVED FASTENERS:

MIAMI-DADECOUNTY APPROVED

		TABLE 3		
Fastener <u>Number</u>	Product <u>Name</u>	Product <u>Description</u>	<u>Dimensions</u>	Manufacturer <u>(With Current NOA)</u>
1.	Trufast #12 DP Fastener	Insulation fastener for wood and steel.	various	Altenloh, Brinck & Co. U.S., Inc.
2.	Trufast 3" Metal Insulation Plate	Galvalume AZ50 steel plate	3" round	Altenloh, Brinck & Co. U.S., Inc.

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APPROVED SURFACING/COATING OPTIONS:

TABLE 4

Chosen components must be applied according to manufacturer's application instructions. Any coating, listed below, used as a surfacing, must be listed within a current NOA.

System		
Number	Manufacturer	Application
1.	Generic	Flood coat and gravel/slag with an application rate of 60 lbs./sq. & 400 lbs./sq., respectively.
2.	Generic	Semi-ceramic coated colored granules.
3.	GAF	United Coatings [™] Roof Mate TCM Coating, applied in one base coat at a rate of 1.0 gal./sq., and one finish coat at a rate of 1.0 gal./sq.
4.	Henry Company	HE280DC White Elastomeric Roof Coating applied in two coats at an application rate of 1 gal./sq./coat.
5.	Karnak Corporation	Karnak (#97 AF) Fibered Aluminum Roof Coating applied at an application rate of 1.5 gal./sq.
6.	National Coating Corp.	Acryshield [®] A500 applied in two coats at an application rate of 1 gal./sq./coat.
7.	Thermo Manufacturing	Super Prep Elastomeric Roof Maintenance Coating applied in two

Systems, LLC coats at an application rate of 1.5 gal./sq./coat.

EVIDENCE SUBMITTED:

Name	<u>Report</u>	Date
R21824	UL 790	08/18/23
SOPC-SC8970.08.15	ASTM D1970	08/31/15
S43400.08.14-5-R1	ASTM D6163	05/03/17
SOP-089-02-01	FM 4474 / TAS 114 / UL 1897	07/22/16
SOP-105-02-01	ASTM D4601	10/05/16
SOP-104-02-01	FM 4474 / TAS 114 / UL 1897	10/31/16
SOP-105-02-02	ASTM D6163	12/16/16
SOP-080-02-02	ASTM D903 / TAS 117	12/16/16
SOP-119-02-01	FM 4474 / TAS 114 / UL 1897	04/14/17
SOP-128-02-01	FM 4474 / TAS 114	08/18/17
4S-SOPC-18-003.11.18	ASTM D6163	01/14/18
4S-SOPC-18-003.11.18	ASTM D6163	01/14/19
4q-SOP-19-SSMBB-01.B	ASTM D4601	03/11/19
4i-SOPC-19-SSCRT.01.A	ASTM D1876	09/11/19
4q-SOPC-20-SSMBB-01.A	ASTM D4601	03/25/20
4q-SOPC-20-SSMBB-02.A	ASTM D4601	11/02/20
	Name R21824 SOPC-SC8970.08.15 S43400.08.14-5-R1 SOP-089-02-01 SOP-105-02-01 SOP-104-02-01 SOP-105-02-02 SOP-080-02-02 SOP-119-02-01 SOP-128-02-01 SOP-128-02-01 4S-SOPC-18-003.11.18 4S-SOPC-19-SSMBB-01.B 4i-SOPC-19-SSCRT.01.A 4q-SOPC-20-SSMBB-01.A 4q-SOPC-20-SSMBB-02.A	Name Report R21824 UL 790 SOPC-SC8970.08.15 ASTM D1970 S43400.08.14-5-R1 ASTM D6163 SOP-089-02-01 FM 4474 / TAS 114 / UL 1897 SOP-105-02-01 FM 4474 / TAS 114 / UL 1897 SOP-104-02-01 FM 4474 / TAS 114 / UL 1897 SOP-105-02-02 ASTM D6163 SOP-080-02-02 ASTM D903 / TAS 117 SOP-119-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-128-02-01 FM 4474 / TAS 114 / UL 1897 SOP-19-SSMBB-01.8 ASTM D6163 4q-SOPC-19-SSCRT.01.A ASTM D1876 4q-SOPC-20-SSMBB-01.A ASTM D4601 4q-SOPC-20-SSMBB-01.A ASTM D4601



APPROVED ASSEMBLIES:

Membrane Type:	SBS		
Deck Type 1:	Wood, Insulated		
Deck Description:	Min. 19/32" plywood (15/32" for re-roof) or wood plank attached to spans spaced maximum 24" o.c. with 2-3/8" ring shank nails spaced maximum 6" o.c.		
System Type C:	All layers of insulation simultaneously attached.		
All General and System Lin Slip Sheet: (Optional)	nitations apply. One or more plies of SA Nail Base, F loose laid to deck.	Resistoflex or Modified So	pra G applied
One or more layers of the fol	lowing.		
Base Insulation Layer		Insulation Fasteners (Table 3)	Fastener Density/ft ²
ACFoam-II, H-Shield Minimum 1.5" thick		1 with 2	1:1.6 ft ²
Note: All layers of insulation panels listed are fasteners shall be increased	on shall be mechanically attached usi minimum sizes and dimensions; if lan maintaining the same fastener densi	ng the fastener density li rger panels are used the ty. (See Roofing Applica	sted above. The number of ition Standard

RAS 117 for fastening details.Base Sheet:One ply of SA Smooth Ply 40, self-adhered.MembraneOne ply of SA Cap GR or SA Cap FR GR, self-adhered.Surfacing:
(Optional)Refer to Underwriters Laboratories listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved
coating system.Maximum Design
Pressure:-67.5 psf. (See General Limitation #7.)

Membrane Type:	SBS
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min. 19/32" plywood (15/32" for re-roof) or wood plank attached to spans spaced maximum 24" o.c. with 2-3/8" ring shank nails spaced maximum 6" o.c.
System Type E(1):	Non-Insulated, Base sheet mechanically attached.
All General and Sys	tem Limitations apply.
Slip Sheet: (Optional)	One or more plies of SA Nail Base, Resistoflex or Modified Sopra G applied loose laid to deck.
Base Sheet:	One ply of SA Nail Base fastened to the deck as described below:
Fastening:	Base sheet shall be fastened with $1-\frac{1}{4}$ " ring shank nails and $1-\frac{5}{8}$ " diameter tin caps spaced 8" o.c. at the minimum 4" wide side laps and 8" o.c. in three (3) equally spaced rows.
Ply Sheet:	One ply of SA Smooth Ply 40, self-adhered.
(Optional)	
Membrane:	One ply of SA Cap GR or SA Cap FR GR, self-adhered.
Surfacing:	Refer to Underwriters Laboratories listings for applicable fire classifications.
(Optional)	Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design	
Pressure:	-45 psf. (See General Limitation #7)



Membrane Type:	SBS
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min. 19/32" plywood or wood plank attached to spans spaced maximum 24" o.c. with 2-3/8" ring shank nails spaced maximum 6" o.c.
System Type E(2):	Non-Insulated, Base sheet mechanically attached.
All General and Sys	tem Limitations apply.
Slip Sheet: (Optional)	One or more plies of SA Nail Base, Resistoflex or Modified Sopra G applied loose laid to deck.
Base Sheet:	One ply of SA Nail Base fastened to the deck as described below:
Fastening:	Base sheet shall be fastened with $1-\frac{1}{4}$ " ring shank nails and $1-\frac{5}{8}$ " diameter tin caps spaced 8" o.c. at the minimum 4" wide side laps and 8" o.c. in three (3) equally spaced rows.
Ply Sheet: (Optional)	One ply of SA Smooth Ply 40, self-adhered.
Membrane:	One ply of SA Cap GR or SA Cap FR GR, self-adhered.
Surfacing:	Refer to Underwriters Laboratories listings for applicable fire classifications.
(Optional)	Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-60 psf. (See General Limitation #7)



Membrane Type:	SBS
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min. 19/32" plywood or wood plank attached to spans spaced maximum 24" o.c. with #8 wood screws spaced maximum 6" o.c.
System Type E(3):	Non-Insulated, Base sheet mechanically attached.
All General and Syst	em Limitations apply.
Slip Sheet: (Optional)	One or more plies of SA Nail Base, Resistoflex or Modified Sopra G applied loose laid to deck.
Base Sheet:	One ply of SA Nail Base fastened to the deck as described below:
Fastening:	Base sheet shall be fastened with $1-\frac{1}{4}$ " ring shank nails and $1-\frac{5}{8}$ " diameter tin caps spaced 6" o.c. at the minimum 4" wide side laps and 6" o.c. in three (3) equally spaced rows.
Ply Sheet: (Optional)	One ply of SA Smooth Ply 40, self-adhered.
Membrane:	One ply of SA Cap GR or SA Cap FR GR, self-adhered.
Surfacing:	Refer to Underwriters Laboratories listings for applicable fire classifications.
(Optional)	Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-90 psf. (See General Limitation #7)

Membrane Type:	SBS
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min. 19/32" plywood or wood plank attached to spans spaced maximum 24" o.c. with #8 wood screws spaced maximum 6" o.c.
System Type E(4):	Non-Insulated, Base sheet mechanically attached.
All General and Syst	tem Limitations apply.
Slip Sheet: (Optional)	One or more plies of SA Nail Base, Resistoflex or Modified Sopra G applied loose laid to deck.
Base Sheet:	One ply of SA Nail Base fastened to the deck as described below:
Fastening:	Base sheet shall be fastened with $1-\frac{1}{4}$ " ring shank nails and $1-\frac{5}{8}$ " diameter tin caps spaced 4" o.c. at the minimum 4" wide side laps and 4" o.c. in four (4) equally spaced rows.
Ply Sheet: (Optional)	One ply of SA Smooth Ply 40, self-adhered.
Membrane:	One ply of SA Cap GR or SA Cap FR GR, self-adhered.
Surfacing:	Refer to Underwriters Laboratories listings for applicable fire classifications.
(Optional)	Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-105 psf (See General Limitation #7)
	-105 psi. (See General Emitation π /)



Membrane Type:	SBS
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min. 19/32" plywood or wood plank attached to spans spaced maximum 24" o.c. with #8 wood screws spaced maximum 6" o.c.
System Type E(5):	Non-Insulated, Base sheet mechanically attached.
All General and Syst	em Limitations apply.
Slip Sheet: (Optional)	One or more plies of SA Nail Base, Resistoflex or Modified Sopra G applied loose laid to deck.
Base Sheet:	One ply of SA Nail Base fastened to the deck as described below:
Fastening:	Base sheet shall be fastened with Trufast #12 DP Fasteners and Trufast 3" Metal Insulation Plates spaced 8" o.c. at the minimum 4" wide side laps and 8" o.c. in three (3) equally spaced rows.
Ply Sheet:	One ply of SA Smooth Ply 40, self-adhered.
(Optional)	
Membrane:	One ply of SA Cap FR GR, self-adhered.
Surfacing:	Refer to Underwriters Laboratories listings for applicable fire classifications.
(Optional)	Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design	
Pressure:	-127.5 psf. (See General Limitation #7)



WOOD DECK SYSTEM LIMITATIONS:

1. A slip sheet is required with Ply 4 and Ply 6 when used as a mechanically fastened base or anchor sheet.

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 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 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



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