



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

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SOPREMA, Inc.  
310 Quadral Drive  
Wadsworth, OH 44281

### 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: SENTINEL® PVC 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 11.

The submitted documentation was reviewed by Hamley Pacheco, P.E.



NOA No.: 16-0322.08  
Expiration Date: 03/19/25  
Approval Date: 03/19/20  
Page 1 of 11

## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Single Ply  
**Material:** PVC  
**Deck Type:** Cementitious Wood Fiber  
**Maximum Design Pressure:** -285 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>
SENTINEL® P150 HFB	0.060" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced fleece backed roofing membrane.
SENTINEL® P200 HFB	0.080" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced fleece backed roofing membrane.
SENTINEL® P150	0.060" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced roofing membrane.
SENTINEL® P200	0.080" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced roofing membrane.
SENTINEL® G150	0.060" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced roofing membrane.
SENTINEL® G200	0.080" thick, fabricated in rolls, various widths and lengths	ASTM D4434	PVC polymer blend polyester reinforced roofing membrane.
SENTINEL® PVC Pipe Flashing	Various	ASTM D 4434	PVC fiberglass reinforced flashing for penetrations
SENTINEL® PVC Boot Flashing Split	Various	ASTM D 4434	PVC fiberglass reinforced pipe flashing
SENTINEL® PVC Boot Flashing Closed	Various	ASTM D 4434	PVC fiberglass reinforced pipe flashing
SENTINEL® T-Joint Patch	Various	ASTM D 4434	PVC fiberglass reinforced membrane patches
SENTINEL® PVC Prefabricated Corners (Inside & Outside)	Various	ASTM D 4434	PVC fiberglass reinforced flashing for Inside and outside corners
COLPLY™ EF Adhesive	5 gallon pail	Proprietary	Solvent free, polymeric adhesive

<b><u>Product</u></b>	<b><u>Dimensions</u></b>	<b><u>Test Specification</u></b>	<b><u>Product Description</u></b>
DUOTACK®	Part A and Part B various	Proprietary	Insulation adhesive
DUOTACK® 365	Part A and Part B various	Proprietary	Low-rise two part urethane adhesive
DUOTACK® SPF	various	Proprietary	two-component spray polyurethane foam adhesive
SOPRAVAP®R™	45" x 133'	Physical Properties	Self-adhering air/vapor barrier membrane
ELASTOCOL™ Stick	5 gal. pail	Physical Properties	Fast-drying primer consisting of a blend of SBS polymer and solvents
ELASTOCOL™ Stick Zero	various	ASDTM D 41	Asphalt primer
SOPRALENE® Stick	39" x 33' (1 sq.)	ASTM D 6164	Self-adhered, polyester reinforced membrane with a release film on the bottom and a sanded top
ELASTOPHENE® Stick	39" x 49' (1.5 sq.)	ASTM D 613	SBS modified bitumen, self-adhered base ply. Topside is surfaced with fine mineral aggregate to facilitate self-adhered, cold adhesive and hot asphalt applications and the underside is surfaced with protective release film that is removed during application.
ELASTOPHENE® Flam	39" x 33' (1 sq.)	ASTM D 6163	SBS-modified bitumen base ply for use in approved multi-ply membrane and flashing assemblies. Topside and underside are surfaced with polyolefin burn-off film to optimize heat welding.
ELASTOPHENE® Sanded	39" x 33' (1 sq.)	ASTM D 6162	SBS modified bitumen base ply for use in approved multi-ply membrane and flashing assemblies. Topside and underside are surfaced with fine mineral aggregate to facilitate cold adhesive and hot asphalt applications.
ELASTOCOL™ 500	5 gal. pail	ASTM D41	Asphalt primer

**APPROVED INSULATIONS:**

<b><u>Product Name</u></b>	<b><u>Product Description</u></b>	<b><u>Manufacturer (With Current NOA)</u></b>
ACFoam-II, Tapered ACFoam-II	Polyisocyanurate foam insulation	Atlas Roofing Corp.
SOPRA-ISO™ s, SOPRA-ISO™ s Tapered	Polyisocyanurate foam insulation	SOPREMA, Inc.
DensDeck Prime	Silicon treated gypsum Insulation Board	Georgia-Pacific Gypsum LLC Hunter Panels, a div. of Carlisle Const. Materials
H-Shield, Tapered H-Shield	Polyisocyanurate foam insulation	SOPREMA, Inc.
SOPRA-ISO™ r, SOPRA-ISO™ r Tapered	Polyisocyanurate foam insulation	SOPREMA, Inc.
SOPRA-ISO™ x SOPRA-ISO™ Tapered x	Polyisocyanurate foam insulation	SOPREMA, Inc.
SOPRA-ISO™ + x SOPRA-ISO™ + Tapered x	Polyisocyanurate foam insulation	SOPREMA, Inc.
Multi-Max FA-3	Polyisocyanurate foam insulation	Rmax, A Business Unit of Sika Corporation
Ultra-Max	Polyisocyanurate foam insulation	Rmax, A Business Unit of Sika Corporation
Tapered Ultra-Max	Polyisocyanurate foam insulation	Rmax, A Business Unit of Sika Corporation
SECUROCK Gypsum-Fiber Roof Board	Fiber reinforced insulation board	USG Corporation
DEXcell FA Glass Mat Roof Board	Fire barrier and thermal barrier	National Gypsum Company
DEXcell Cement Roof Board	Fire barrier and thermal barrier	National Gypsum Company

**APPROVED FASTENERS / ADHESIVES:**

<b><u>Fastener Number</u></b>	<b><u>Product Name</u></b>	<b><u>Product Description</u></b>	<b><u>Dimensions</u></b>	<b><u>Manufacturer (With Current NOA)</u></b>
1.	ICP Adhesives CR-20	Two-component membrane adhesive	40 lb. Cylinder A 35 lb. Cylinder B	ICP Adhesives and Sealants, Inc.
2.	SENTINEL® H2O Bonding Adhesive	Polymeric waterborne membrane adhesive.	5 gal. pail	ITW TACC, a Division of Illinois Tool Works, Inc.
3.	SENTINEL® S Bonding Adhesive	Low VOC solvent-based membrane adhesive.	5 gal. pail	ITW TACC, a Division of Illinois Tool Works, Inc.



**EVIDENCE SUBMITTED:**

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
PRI Construction Materials	SOP-049-02-01	ASTM D1644/D2196	05-31-12
Technologies LLC	SOP-082-02-01	ASTM D1761/D1876	12-16-16
		TAS 117-B	
	SOP-084-02-01.1	ASTM D4434	08-23-16
	SOP-084-02-02	ASTM D4434	08-23-16
Trinity ERD	SC9815.11.15	TAS 114-D	11-06-12
	S43400.08.14-6	ASTM D6164	08-26-14
	S35860.05.12-2-R3	ASTM D6164	08-29-14
	S30070.07.12-1B-R1	ASTM D6163	12-12-14
	S43400.08.14-4	ASTM D6164	08-26-14
	S35860.05.12-1-R2	ASTM D6163	03-14-13
	S44110.01.15-4A-R3	ASTM D6164	05-01-15
	S35860.09.12-R2	ASTM D6163	12-12-14
	S44110.09.14-7C	ASTM D6164	09-02-14
	S35860.05.12-3-R1	ASTM D6164	03-14-13
	SOP-SC14560.11.17	FM 4474 (D)/TAS 114 (J)	12-15-17
	SOP-SC16600.12.17-3	FM 4474	01-19-18
FM Approvals	3059403	FM 4470	06-15-16
	3053475	FM 4470	02-11-16
	3054633	FM 4470	12-18-15
	3057888	FM 4470	01-16-17



**Membrane Type:** Single Ply, PVC

**Deck Type 3I:** Cementitious Wood Fiber, Insulated

**Deck Description:** Cementitious wood fiber

**System Type A(1):** Vapor Barrier self-adhered, insulation adhered with approved adhesive; membrane adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

**Thermal Barrier** Minimum ¼” DEXcell FA Glass Mat Roof Board adhered with DUOTACK or DUOTACK 365 applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure Below or with DUOTACK SPF applied in ½” to ¾” wide ribbons spaced 4” o.c.

**Vapor Barrier** One ply of the following product fully self-adhered over a substrate primed with ELASTOCOL Stick Zero or ELASTOCOL Stick: SOPRAVAP’R Or One ply of the following products fully self-adhered over a substrate primed with ELASTOCOL Stick Zero or ELASTOCOL Stick: ELASTOPHENE Stick or SOPRALENE Stick  
Or  
One ply of the following products fully torch adhered: ELASTOPHENE Flam  
Or  
One ply of the following products fully adhered in COLPLY EF Adhesive: ELASTOPHENE Sanded.  
Or  
One ply of the following products fully adhered in hot asphalt with optional ELASTOCOL 500: ELASTOPHENE Sanded.

One or more layers of the following:

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>H-Shield, Tapered H-Shield, SOPRA-ISO r, SOPRA-ISO r Tapered, ACFoam-II, Tapered ACFoam-II, SOPRA-ISO s, SOPRA-ISO s Tapered, SOPRA-ISO x, SOPRA-ISO x Tapered, Multi-Max FA-3, SOPRA-ISO + Tapered x, SOPRA-ISO + x, Ultra-Max, Tapered Ultra-Max</b>		
<b>Minimum 1.5” thick</b>	<b>N/A</b>	<b>N/A</b>

**Note: Base insulation shall be adhered with DUOTACK, DUOTACK 365, or DUOTACK SPF (not with Multi-Max FA-3, SOPRA-ISO x, UltraMax, or SOPRA-ISO + x), insulation adhesive applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure Below. Or with DUOTACK SPF (not with UltraMax or SOPRA-ISO + x) applied in ½” to ¾” wide ribbons spaced 4” o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, DensDeck Prime</b>		
<b>Minimum ¼” thick</b>	<b>N/A</b>	<b>N/A</b>
<b>DEXcell Cement Roof Board</b>		
<b>Minimum 7/16” thick</b>	<b>N/A</b>	<b>N/A</b>



**Note: Top insulation layer shall be adhered to the previous insulation layer with DUOTACK, DUOTACK SPF (not to Multi-Max FA-3, SOPRA-ISO x, UltraMax, or SOPRA-ISO + x), or DUOTACK 365 insulation adhesive applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure Below. Or with DUOTACK SPF (not with UltraMax or SOPRA-ISO + x) applied in ½” to ¾” wide ribbons spaced 4” o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

**Membrane:** SENTINEL P150, SENTINEL P200 membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at rate of 100-120 ft<sup>2</sup> per gallon to the substrate. Or SENTINEL S Bonding Adhesive applied at a rate of 60 ft<sup>2</sup> per gallon applied equally to both the substrate and the membrane. Side laps shall be a minimum 3” wide and are sealed with a minimum 1.5” wide heat weld.  
Or  
SENTINEL P150 HFB or P200 HFB membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at a rate of 100-120 ft<sup>2</sup> per gallon to the substrate or with ICP Adhesives CR-20 applied at 3.75 lbs/sq. in “splatter pattern”. Or with DUOTACK SPF (not to DEXCell Cement Roof Board) spatter applied at 2.47 to 3.70 lbs./sq. Side laps shall be a minimum 3” wide and are sealed with a minimum 1.5” wide heat weld.

**Maximum Design Pressure:**

-180 psf. with ribbons spaced 6” o.c. (See General Limitation #9)  
-163 psf. with ribbons spaced 12” o.c. (See General Limitation #9)

**Membrane Type:** Single Ply, PVC

**Deck Type 3I:** Cementitious Wood Fiber, Insulated

**Deck Description:** Cementitious wood fiber

**System Type A(2):** Vapor Barrier self-adhered, insulation adhered with approved adhesive; membrane adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

**Thermal Barrier** Minimum ¼” DEXcell FA Glass Mat Roof Board adhered with DUOTACK or DUOTACK 365 applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure below or with DUOTACK SPF applied in ½” to ¾” wide ribbons spaced 4” o.c.

**Vapor Barrier** One ply of the following products fully adhered in COLPLY EF Adhesive: ELASTOPHENE Sanded.  
Or  
One ply of the following products fully adhered in hot asphalt with optional ELASTOCOL 500: ELASTOPHENE Sanded.  
Or  
One ply of the following product fully self-adhered over a substrate primed with ELASTOCOL Stick Zero or ELASTOCOL Stick: SOPRAVAP’R  
Or  
One ply of the following products fully self-adhered over a substrate primed with ELASTOCOL Stick Zero or ELASTOCOL Stick: ELASTOPHENE Stick or SOPRALENE Stick  
Or  
One ply of the following products fully torch adhered: ELASTOPHENE Flam

One or more layers of the following:

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
ACFoam-II, Tapered ACFoam-II, SOPRA-ISO s, SOPRA-ISO s Tapered, H-Shield, Tapered H-Shield, SOPRA-ISO r, SOPRA-ISO r Tapered, SOPRA-ISO x, SOPRA-ISO Tapered x, SOPRA-ISO + Tapered x, SOPRA-ISO + x, Multi-Max FA-3, Ultra-Max, Tapered Ultra-Max		

<b>Minimum 1.5” thick</b>	<b>N/A</b>	<b>N/A</b>
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**Note: Base insulation shall be adhered with DUOTACK, DUOTACK SPF (not to Multi-Max FA-3, SOPRA-ISO x, or SOPRA-ISO + x, or Ultra-Max), or DUOTACK 365 insulation adhesive applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure Below. Or with DUOTACK SPF (not with UltraMax or SOPRA-ISO + x) applied in ½” to ¾” wide ribbons spaced 4” o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

<b>Top Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, DensDeck Prime		
<b>Minimum ¼” thick</b>	<b>N/A</b>	<b>N/A</b>

<b>DEXcell Cement Roof Board</b>		
<b>Minimum 7/16” thick</b>	<b>N/A</b>	<b>N/A</b>





**Note: Top insulation layer shall be adhered to the previous insulation layer with DUOTACK, DUOTACK SPF (not to Multi-Max FA-3, SOPRA-ISO x, or SOPRA-ISO + x, or Ultra-Max), or DUOTACK 365 insulation adhesive applied in ½” to ¾” wide ribbons spaced as listed in Maximum Design Pressure Below or with DUOTACK SPF applied in ½” to ¾” wide ribbons spaced 4” o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

**Membrane:** SENTINEL P150, SENTINEL P200, SENTINEL G150, or SENTINEL G200 membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at rate of 100-120 ft<sup>2</sup> per gallon to the substrate or SENTINEL S Bonding Adhesive applied at a rate of 60 ft<sup>2</sup> per gallon applied equally to both the substrate and the membrane. Side laps shall be a minimum 3” wide and are sealed with a minimum 1.5” wide heat weld.

Or

SENTINEL P150 HFB or P200 HFB membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at a rate of 100-120 ft<sup>2</sup> per gallon to the substrate or ICP Adhesives CR-20 applied at 3.75 lbs/sq. in “splatter pattern”. or DUOTACK SPF (not to Multi-Max, Ultra-Max, DEXCell Cement Roof Board, or H-shield) spatter applied at 2.47 to 3.70 lbs./sq. Side laps shall be a minimum 3” wide and are sealed with a minimum 1.5” wide heat weld.

**Maximum Design Pressure:**

-163 psf. with ribbons spaced 12” o.c. (See General Limitation #9)

-180 psf. with ribbons spaced max. 6” o.c. (See General Limitation #9)

<b>Membrane Type:</b>	Single Ply, PVC
<b>Deck Type 3I:</b>	Cementitious Wood Fiber, Insulated
<b>Deck Description:</b>	Cementitious wood fiber
<b>System Type A(3):</b>	One or more layers of insulation adhered with approved adhesive; membrane adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

One or more layers of the following:

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
ACFoam-II, Tapered ACFoam-II, SOPRA-ISO s, SOPRA-ISO s Tapered, H-Shield, Tapered H-Shield, SOPRA-ISO r, SOPRA-ISO r Tapered, SOPRA-ISO x, SOPRA-ISO Tapered x, SOPRA-ISO + Tapered x, SOPRA-ISO + x, Multi-Max FA-3, Ultra-Max, Tapered Ultra-Max Minimum 1.5" thick	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, DensDeck Prime, Minimum ¼" thick	N/A	N/A
DEXcell Cement Roof Board Minimum 7/16" thick	N/A	N/A

**Note: All Insulation shall be adhered with DUOTACK, DUOTACK SPF (not to Multi-Max FA-3, SOPRA-ISO x, or SOPRA-ISO + x, or Ultra-Max), or DUOTACK 365 applied in ½" to ¾" wide ribbons spaced as indicated below for Maximum Design Pressure. or with DUOTACK SPF applied in ½" to ¾" wide ribbons spaced 4" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

**Membrane:** SENTINEL P150, SENTINEL P200, SENTINEL G150, or SENTINEL G200 membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at rate of 100-120 ft<sup>2</sup> per gallon to the substrate or SENTINEL S Bonding Adhesive applied at a rate of 60 ft<sup>2</sup> per gallon applied equally to both the substrate and the membrane. Side laps shall be a minimum 3" wide and are sealed with a minimum 1.5" wide heat weld.

Or

SENTINEL P150 HFB or P200 HFB membrane fully adhered with SENTINEL H2O Bonding Adhesive applied at a rate of 100-120 ft<sup>2</sup> per gallon to the substrate. or ICP Adhesives CR-20 applied at 3.75 lbs/sq. in "splatter pattern". or DUOTACK SPF (not to Multi-Max, Ultra-Max, DEXCell Cement Roof Board, or H-shield) spatter applied at 2.47 to 3.70 lbs./sq. Side laps shall be a minimum 3" wide and are sealed with a minimum 1.5" wide heat weld.

**Maximum Design Pressure:**

-190 psf. with ribbons spaced in rows max. 12" o.c.  
(See General Limitation #9)

-285 psf. with ribbons spaced in rows max. 6" o.c.  
(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 and/or RAS 137. 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 61G20-3 of the Florida Administrative Code.

## END OF THIS ACCEPTANCE

