MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Kemper System America, Inc.
1200 North America Drive
West Seneca, NY 14224

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: Kemperol Membrane Liquid Applied Roof System for 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 #17-0719.10 and consists of pages 1 through 14.
The submitted documentation was reviewed by Alex Tigera.

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Liquid Applied Roof Systems
Materials:	Polyurethane, Polymethylmethacrylate
Deck Type:	Concrete
Maximum Design Pressure:	See Specific Deck Type

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
Kemperol BRM	2.2 gal. / 10 kg work pack 4.4 gal. / 20 kg work pack	Proprietary	Two-part (catalyst included) polyester fluid applied membrane.
Kempertec EP Primer	1.24 gal. / 5 kg work pack .24 gal. / 1 kg work pack	Proprietary	Two-part solvent free epoxy primer.
Kemperol 165 Fleece	164 ft. long rolls of various widths.	N/A	Non-woven needle-punched polyester 165 g/m2 weight reinforcing fabric.
Kemperol 200 Fleece	164 ft. long rolls of various widths	N/A	Non-woven needle-punched polyester 200 g/m2 weight reinforcing fabric.
Kemperol 120 fleece	164 ft. long rolls of various widths.	N/A	Non-woven needle-punched polyester 12 g/m2 weight reinforcing fabric.
Kemperol Reflect 2K FR	2.61 gal. / 12.5kg work pack 1.04 gal. / 5 kg work pack 0.52 gal. / 2.5 kg work pack	Proprietary	Two-part polyurethane fluid applied membrane.
Kemperol AC Speed FR	3.22 gal / 15 kg work pack	Proprietary	Two-part (catalyst included) polymethylmethacrylate fluid applied membrane.
Kempertec AC Primer	1.32 gal. / 5 kg work pack	Proprietary	Two-part (catalyst included) polymethylmethacrylate fluid applied membrane.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
AC Foam II	Polyisocyanurate foam insulation	Atlas Roofing Corporation
ISO 95+ GL	Polyisocyanurate foam insulation	Firestone Building Products Company, LLC
Multi-Max FA-3	Polyisocyanurate foam insulation	Rmax Operating, LLC
H-Shield	Polyisocyanurate foam insulation	Hunter Panels, a div of Carlisle Construction Materials, LLC.
ENRGY 3	Polyisocyanurate foam insulation	Johns Manville Corp.
DensDeck Prime	Water resistant gypsum board	Georgia-Pacific Gypsum LLC
Securock Gypsum-Fiber Roof Board	Water resistant gypsum board	USG Corporation
Securock Cement Roof Board	Lightweight Cement Board	USG Corporation

APPROVED FASTENERS:

TABLE 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
1.	Deckfast #12 & #14 Fasteners	Insulation Fastener	Various	SFS Intec Inc.
2.	Deckfast Galvalume Hex Plate	Galvalume hex stress plate	2 7/8" x 3 ¼"	SFS Intec Inc.
3	Roofgrip #12 & #14 Fasteners	Insulation Fastener	Various	OMG, Inc.
4.	3 in. Round Metal Plate	Round Galvalume AZ50 steel stress plate.	Plate Diameter: 3"	OMG, Inc.
5.	Trufast #12 DP Fasteners	Insulation/cover board Fastener	Various	Altenloh, Brink & Co. US, Inc.
6.	Trufast 3" Metal Insulation Plate	Galvalume steel stress plate	Plate Diameter: 3"	Altenloh, Brink & Co. US, Inc.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Date
Atlantic & Caribbean Roof Consulting, LLC	05-007	TAS 114-D	05/19/05
	17-003	TAS 114-D	01/31/17
	17-004	TAS 114-D	02/01/17
	17-005	TAS 114-D	02/01/17
	17-006	TAS 114-D	02/02/17
Factory Mutual	3009502	FM 4470	12/21/00
	OD646.AM	FM 4470	04/13/00
	3015444	FM 4450	07/11/03
	3023458	FM 4470	10/20/05
	3053219	FM 4470	09/09/15
	3057559	FM 4470	02/15/18
Underwriters Laboratories Inc.	R13930	UL 790	11/16/18
PRI Construction Materials Technologies LLC	KPS-005-02-01	TAS 114-I ASTM D5147 ASTM D5602 ASTM D4073	11/05/15
	KPS-006-02-01	Physical Properties	09/05/17
	KPS-007-02-01	Physical Properties	09/06/17
	KPS-008-02-01	Physical Properties	09/06/17

APPROVED ASSEMBLIES:

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank.

System Type A(1): Insulation adhered with Approved Adhesive.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

One layer of any of the following insulations:

Insulation Layer	Insulation Fasteners Table 3	Fastener Density ft^2
DensDeck Prime Minimum: ¼" thick	**N/A**	**N/A**
Securock Gypsum-Fiber Roof Board Minimum: ¼" thick	**N/A**	**N/A**

Note: Insulation shall be adhered with Ashland Pliodeck Insulation Adhesive applied in 3/8"- 1/2" beads at 6" on center. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Kempertec EP Primer shall be applied to insulation at a minimum rate of 1.5 gal./100 ft² with kiln dried silica sand (.4 -.8 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.

Membrane: Apply Kemperol BRM Resin with roller or brush to primed surface at a minimum rate of 4.5 gal./100 ft². Embed the Kemperol Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 2 gal./100 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 70 dry mils.

Surfacing: Apply kiln dried silica sand (.4 - .8mm) broadcast immediately into the wet resin at the rate of 30 lbs./100 ft² to the roof surface.

Maximum Design Pressure: -302.5 psf. (General Limitation #9)

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(2): Insulation adhered with Approved Adhesive.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

Base Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
Any approved Polyisocyanurate Insulation listed in Table 2. Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
DensDeck Prime Minimum: ¼" thick	**N/A**	**N/A**
Securock Gypsum-Fiber Roof Board Minimum: ¼" thick	**N/A**	**N/A**

Note: Both layers of insulation shall be adhered with Ashland Pliodeck Insulation Adhesive applied in 3/8"-1/2" beads at 6" on center. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Primer: Kempertec EP Primer shall be applied to insulation at a minimum rate of 1.5 gal./100 ft² with kiln dried silica sand (.4 -.8 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.

Membrane: Apply Kemperol BRM Resin with roller or brush to primed surface at a minimum rate of 4.5 gal./100 ft². Embed the Kemperol Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 2 gal./100 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 70 dry mils.

Surfacing: Apply kiln dried silica sand (.4 - .8mm) broadcast immediately into the wet resin at the rate of 30 lbs./100 ft² to the roof surface.

Maximum Design Pressure: -217.5 psf. (See General Limitations # 9)

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank.

System Type A(3): Insulation adhered with Approved Asphalt.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

Base Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
Any approved Polyisocyanurate Insulation listed in Table 2. Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
DensDeck Prime Minimum: ¼" thick	**N/A**	**N/A**
Securock Gypsum-Fiber Roof Board Minimum: ¼" thick	**N/A**	**N/A**

Note: All insulation shall be adhered in a solid mopping of any approved ASTM D312 mopping type III or IV asphalt within the EVT range and at a rate of 20-40 lbs./ 100 sf. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Primer: Kempertec EP Primer shall be applied to insulation at a minimum rate of 1.5 gal./100 ft² with kiln dried silica sand (.4 -.8 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.

Membrane: Apply Kemperol BRM Resin with roller or brush to primed surface at a minimum rate of 4.5 gal./100 ft². Embed the Kemperol Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 2 gal./100 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 70 dry mils.

Surfacing: Apply kiln dried silica sand (.4 - .8mm) broadcast immediately into the wet resin at the rate of 30 lbs./100 ft² to the roof surface.

Maximum Design Pressure: -302.5 psf. (See General Limitations#9)

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(4): Insulation adhered with Approved Adhesive.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

One layer of any of the following insulations:

Insulation Layer	Insulation Fasteners Table 3	Fastener Density ft^2
H-Shield Minimum: 2" thick	**N/A**	**N/A**
Securock Cement Roof Board Minimum: 1/2" thick	**N/A**	**N/A**

Note: Insulation shall be adhered with Millennium One Step foamable Adhesive applied in 1/2" beads at 12" on center. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Kempertec EP Primer shall be applied to insulation at a minimum rate of 1 gal./68 ft² with kiln dried silica sand (.4 -.5 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.

Membrane: Apply Kemperol Reflect 2K FR Resin with roller or brush to primed surface at a minimum rate of 1 gal./13 ft². Embed the Kemperol 165 Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 1 gal./13 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 80 dry mils.

Maximum Design Pressure: -190 psf. (General Limitation #9)

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(5): Insulation adhered with Approved Adhesive.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

One layer of any of the following insulations:

Insulation Layer	Insulation Fasteners Table 3	Fastener Density ft^2
H-Shield Minimum: 2" thick	**N/A**	**N/A**
Securock Cement Roof Board Minimum: 1/2" thick	**N/A**	**N/A**

Note: Insulation shall be adhered with Millennium One Step foamable Adhesive applied in 1/2" beads at 12" on center. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Kempertec AC Primer shall be applied to insulation at a minimum rate of 1 gal./95 ft².

Membrane: Apply Kemperol AC Speed FR Resin with roller or brush to primed surface at a minimum rate of 1 gal./18 ft². Embed the Kemperol 120 Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 1 gal./18 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 90 dry mils.

Maximum Design Pressure: -190 psf. (General Limitation #9)

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type C: Insulation layer mechanically fastened.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
Any approved polyisocyanurate Insulation listed in table 2. Minimum 1.5" thick	**1 & 2 or 3 & 4**	**1: 2**

(Optional)Top Insulation Layer	**Insulation Fasteners Table 3**	**Fastener Density ft^2**
DensDeck Prime Minimum: ¼" thick	**1 & 2 or 3 & 4**	**1: 2**
Securock Gypsum-Fiber Roof Board Minimum: ¼" thick	**1 & 2 or 3 & 4**	**1: 2**

Note: 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.

Primer: Kempertec EP Primer shall be applied to insulation at a minimum rate of 1.5 gal./100 ft² with kiln dried silica sand (.4 -.8 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.

Membrane: Apply Kemperol BRM Resin with roller or brush to primed surface at a minimum rate of 4.5 gal./100 ft². Embed the Kemperol Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 2 gal./100 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 70 dry mils.

Surfacing: Apply kiln dried silica sand (.4 - .8mm) broadcast immediately into the wet resin at the rate of 30 lbs./100 ft² to the roof surface.

Maximum Design Pressure: -60 psf. (See General Limitations#7)

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(1):	Kemper system applied directly to concrete.

All General and System Limitations apply.

Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Primer:	Kempertec EP Primer shall be applied to prepared concrete deck at a minimum rate of 1.5 gal./100 ft² with kiln dried silica sand (.4 -.8 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.
Membrane:	Apply Kemperol BRM Resin with roller or brush to primed surface at a minimum rate of 4.5 gal./100 ft². Embed the Kemperol Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 2-gal./100 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 70 dry mils.
Surfacing:	Apply kiln dried silica sand (.4 - .8mm) broadcast immediately into the wet resin at the rate of 30 lbs./100 ft² to the roof surface.
Maximum Design Pressure:	-495 psf. (See General limitation #9)

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(2):	Kemper system applied directly to concrete.

All General and System Limitations apply.

Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Primer:	Kempertec EP Primer shall be applied to prepared concrete deck at a minimum rate of 1 gal./68 ft² with kiln dried silica sand (.4 -.5 mm) broadcast immediately into the wet primer at the rate of 50 lbs./100 sq. ft.
Membrane:	Apply Kemperol Reflect 2K FR Resin with roller or brush to primed surface at a minimum rate of 1 gal./13 ft². Embed the Kemperol 165 Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 1gal./13 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 80 dry mils.
Maximum Design Pressure:	-502.5 psf. (See General limitation #9)

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(3):	Kemper system applied directly to concrete.

All General and System Limitations apply.

Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.
Primer:	Kempertec AC Primer shall be applied to prepared concrete deck at a minimum rate of 1 gal./95 ft²
Membrane:	Apply Kemperol AC Speed FR Resin with roller or brush to primed surface at a minimum rate of 1 gal./18 ft². Embed the Kemperol 120 Fleece directly into the resin and use a roller to saturate the fleece from the bottom up, adding resin to the top to saturate dry spots. Additionally, add the topcoat of resin at a rate of up to 1gal./18 ft² to complete fleece saturation before the resin cures. Roll excess resin toward any unsaturated fleece. Minimum membrane thickness of 90 dry mils.
Maximum Design Pressure:	-502.5 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 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 Professional Engineer, Registered 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 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 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