



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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www.miamidade.gov/economy

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: Soprema LASTOBOND and RESISTO Underlayment Products

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 revises NOA No. 22-0124.06 and consists of pages 1 through 11.

The submitted documentation was reviewed by Jorge L. Acebo.

11/21/24



NOA No.: 24-0402.06
Expiration Date: 09/29/25
Approval Date: 11/21/24
Page 1 of 11

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Materials: SBS

SCOPE:

This acceptance is for **Soprema LASTOBOND and RESISTO Underlayment Products** as manufactured by SOPREMA Inc., as described in this Notice of Acceptance, for use with approved prepared roof assemblies as described in this Notice of Acceptance; designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
LASTOBOND Shield <i>Manufacturing Location #1</i>	36" x 75' rolls or 45" x 75' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies. **Available as LASTOBOND Shield 36 and LASTOBOND Shield 45 for the 36" wide and 45" wide rolls.
LASTOBOND Pro HT-N <i>Manufacturing Location #1</i>	36" x 65' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies.
RESISTO SA Smooth Ply 40 <i>Manufacturing Location #1</i>	40" x 65' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies.
LASTOBOND Shield HT <i>Manufacturing Location #1</i>	36" x 75' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies.
LASTOBOND Pro HT-S <i>Manufacturing Location #1</i>	36" x 65' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies.
RESISTO LB1236 <i>Manufacturing Location #1-3</i>	36" x 65' rolls	ASTM D1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
Tri-Built Sand-R SA Underlayment <i>Manufacturing Location #1-3</i>	36" x 65' rolls	ASTM D1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
RESISTO LB1244 <i>Manufacturing Location #1-3</i>	44" x 75' rolls	ASTM D1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.



NOA No.: 24-0402.06
Expiration Date: 09/29/25
Approval Date: 11/21/24
Page 2 of 11

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
LASTOBOND Smooth Seal HT <i>Manufacturing Location #2-3</i>	36" x 65' rolls	ASTM D1970	Self-adhering glass fleece reinforced, elastomeric bitumen roofing underlayment.
Tri-Built Smooth HT S/A Underlayment <i>Manufacturing Location #2-3</i>	36" x 65' rolls	ASTM D1970	Self-adhering glass fleece reinforced, elastomeric bitumen roofing underlayment.
LASTOBOND TU HT <i>Manufacturing Location #3</i>	39 ³ / ₈ " x 65 ³ / ₅ ' rolls	TAS 103 (partial) and ASTM D 1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
LASTOBOND PRO TU-HT <i>Manufacturing Location #3</i>	39 ³ / ₈ " x 65 ³ / ₅ ' rolls	TAS 103 and ASTM D 1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
LASTOBOND Reinforced HT <i>Manufacturing Location #3</i>	39 ³ / ₈ " x 65 ³ / ₅ ' rolls	ASTM D 1970	Self-adhering, glass-mat reinforced, film-surfaced, SBS modified bitumen roof underlayment
TopShield Defender TU HT <i>Manufacturing Location #3</i>	39 ³ / ₈ " x 65 ³ / ₅ ' rolls	TAS 103 (partial) and ASTM D 1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
Tri-Built S/A HT TU Underlayment <i>Manufacturing Location #3</i>	39 ³ / ₈ " x 65 ³ / ₅ ' rolls	TAS 103 and ASTM D 1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
TopShield ICE & WATER DEFENDER <i>Manufacturing Location #1-3</i>	36" x 65' rolls	ASTM D1970	Self-adhering glass fleece reinforced, SBS modified bitumen roofing underlayment.
EXCEPTIONAL HT <i>Manufacturing Location #1</i>	36" x 75' rolls	ASTM D1970	SBS self-adhering asphalt sheet material for use as an underlayment for Ice Dam Protection in sloped roof assemblies.
SOPRAMASTIC™ SBS ELASTIC CEMENT <i>Manufacturing Location #4</i>	5 Gallon Bucket	ASTM D4586	Modified bitumen mastic.
RESISTO Exterior Primer <i>Manufacturing Location #1</i>	5 Gallon Bucket	Various	Solvent-based primer containing synthetic polymers and adhesion-enhancing resins

MANUFACTURING LOCATION:

1. Drummondville, Quebec (Canada)
2. Wadsworth, OH
3. Gulfport, MS
4. Kansas City, MO



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
UL LLC	R21824	UL790	08/18/23
Trinity ERD	S43530.02.14-1-R1	TAS 103	05/14/14
	S44870.04.14-4	ASTM D1970	04/10/14
	S44870.04.14-1	ASTM D1970	04/10/14
	S44870.04.14-3	ASTM D1970	04/02/14
	SOPC-SC8520.04.15	TAS 103/ASTM D4798	04/27/15
NEMO ETC, LLC	SOPC-SC8970.08.15-R1	ASTM D1970 / TAS 110	04/25/18
	4S-SOPC-18-002.09.18	TAS 103	09/21/18
	4S-SOPC-18-002.05.19.A	ASTM D1970 / ASTM D4798	05/31/19
	4j-SOPC-19-SSUDL-02.A	TAS 103	07/11/19
	4p-SOP-19-SSLAP-01.A	ASTM D4586	07/29/19
	4j-SOPC-22-SSUDL-02.A	ASTM D1970	03/30/23
	4j-SOP-23-SSUDL-02.A	ASTM D1970	10/25/23
	4j-SOP-23-SSUDL-03.A	TAS 103	01/19/24
	4j-SOP-23-SSUDL-03.B	ASTM D1970	01/12/24
	4j-SOP-23-SSUDL-03.C	UL 1897	01/19/24
	4p-SOPC-SSLAP-001.A	Physical Properties	06/06/24
	4i-SOP-SSCRT-002.A	ASTM D1876 / FM 4470 / ANSI/SPRI/FM MPO-1 / TAS 117	11/04/24

APPROVED ASSEMBLIES:

Deck Type 1:	Wood, Non-insulated
Deck Description:	¹⁹ / ₃₂ " or greater plywood or wood plank.
System E(1):	Base sheet mechanically fastened, membrane adhered.
Base Sheet:	One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4" side lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and two staggered rows 12" o.c. the field of the roll.
Membrane:	One ply of LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, LASTOBOND Reinforced HT, RESISTO LB1244 or TopShield ICE & WATER DEFENDER with minimum 3-inch side laps and 6-inch end laps. Starting at the first course, parallel to the eave, align the membrane carefully by completely unrolling and setting it exactly where it will be installed. Once aligned, rewind one half of the length. Gently score the release paper on the high side of this roll, ensuring not to cut through the membrane's thickness. Unroll this first half by evenly peeling back the release paper while simultaneously and slowly pushing out the membrane. Repeat process for remaining one half of the length. Once installed, the membrane must be pressure rolled with a metal or rubber roller. Pressure shall be applied over the entire surface, paying particular attention to all side and end laps.
Surfacing:	Approved for Mechanically Fastened Metal Roofing, Wood Shake & Shingles, Asphalt Shingles, Slate, Simulated Slate. Tile Roofing is not an approved roof covering for use with this assembly.



Deck Type 1:	Wood, Non-insulated
Deck Description:	¹⁹ / ₃₂ " or greater plywood or wood plank.
System E(2):	Base sheet mechanically fastened, membrane adhered.
Base Sheet:	One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4" side lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and two staggered rows 12" o.c. the field of the roll..
Membrane:	One ply of LASTOBOND TU HT, TopShield Defender TU HT, or Tri-Built S/A HT TU Underlayment with minimum 3-inch side laps and 6-inch end laps. Starting at the first course, parallel to the eave, align the membrane carefully by completely unrolling and setting it exactly where it will be installed. Once aligned, rewind one half of the length. Gently score the release paper on the high side of this roll, ensuring not to cut through the membrane's thickness. Unroll this first half by evenly peeling back the release paper while simultaneously and slowly pushing out the membrane. Repeat process for remaining one half of the length. Once installed, the membrane must be pressure rolled with a metal or rubber roller. Pressure shall be applied over the entire surface, paying particular attention to all side and end laps. r remaining one half of the length. Once installed, the membrane must be pressure rolled with a metal or rubber roller. Pressure shall be applied over the entire surface, paying particular attention to all side and end laps. The LASTOBOND TU HT, TopShield Defender TU HT, or Tri-Built S/A HT TU Underlayment shall be back nailed to deck with approved annular ring shank nails and tin caps at a maximum 12" o.c. at the side laps and 6" o.c. at the end laps. No nails or tin caps shall be exposed.
Surfacing:	Approved for Mechanically Fastened Metal Roofing, Wood Shake & Shingles, Asphalt Shingles, Slate, Simulated Slate. Tile Roofing is not an approved roof covering for use with this assembly.
Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " or greater plywood or wood plank.
System F(1):	Membrane adhered direct to deck.
Membrane:	One ply of LASTOBOND Shield, LASTOBOND Pro-HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, LASTOBOND Pro HT-S, RESISTO LB 1236, Tri-Built Sand-R SA Underlayment, RESISTO LB 1244, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A, LASTOBOND TU HT, LASTOBOND PRO TU HT, LASTOBOND Reinforced HT, TopShield Defender TU HT, Tri-Built S/A HT TU, TopShield ICE & WATER DEFENDER, or EXCEPTIONAL HT Underlayment, self-adhered in accordance with FBC HVHZ 1518.2.1(1) and back-nailed using 12 ga. x 1-1/2" long x 3/8 head diameter annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	May be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, and quarry slate roof assemblies. Tile Roofing is not an approved roof covering for use with this assembly.

Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " APA rated, 40/20 span rating, Exposure 1, PS1, CDX, 4-ply or greater plywood or wood plank secured with #8 wood screws spaced 6" o.c. to structural supports maximum spaced 24" o.c.
System F(2):	Membrane adhered directly to primed substrate
Primer:	RESISTO Exterior Primer, applied at 150 ft ² /gallon.
Base Ply:	One ply of LASTOBOND Reinforced HT , Self-Adhered.
Cap Ply:	One ply of LASTOBOND PRO TU HT , self-adhered and back-nailed using 12 gage, annular ring shank nails with ³ / ₈ -inch head diameter through tin caps 1- ⁵ / ₈ -inch in diameter and of 32 gage metal, positioned on the centerline of the fabric-surface portion of the 3.5-inch side lap, spaced max 12-inch o.c. and sealed using a continuous bead of SOPRAMASTIC™ SBS ELASTIC CEMENT, rolled into place to achieve a watertight position.
Surfacing:	Approved for asphalt shingle, mechanically fastened roof tile, foam-adhered roof tile, non-structural metal roofing, wood shakes & shingles or slate roof assemblies as specified within the Roof System NOA.
Note:	For tile roof assemblies, refer to RAS 118, 119, or 120 and the tile manufacturer's NOA. For foam-adhered tile roof assemblies using LASTOBOND PRO TU HT, approved for use with DuPont's TILE BOND™ Roof Tile Adhesive or ICP's APOC® Polyset® AH-160 (HFC) adhesive.
Maximum Design Pressure:	-150 psf*

* Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.

Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " APA rated, 40/20 span rating, Exposure 1, PS1, CDX, 4-ply or greater plywood or wood plank secured with #8 wood screws spaced 6" o.c. to structural supports maximum spaced 24" o.c.
System F(3):	Membrane adhered directly to primed substrate.
Primer:	RESISTO Exterior Primer, applied at 150 ft ² /gallon.
Membrane:	One ply of LASTOBOND PRO TU HT Underlayment, self-adhered and back-nailed using 12 gage, annular ring shank nails with ³ / ₈ -inch head diameter through tin caps 1- ⁵ / ₈ -inch in diameter and of 32 gage metal, positioned on the centerline of the fabric-surface portion of the 3.5-inch side lap, spaced max 12-inch o.c. and sealed using a continuous bead of SOPRAMASTIC™ SBS ELASTIC CEMENT, rolled into place to achieve a watertight position.
Surfacing:	Approved for asphalt shingle, mechanically fastened roof tile, foam-adhered roof tile, non-structural metal roofing, wood shakes & shingles or slate roof assemblies as specified within the Roof System NOA.
Note:	For tile roof assemblies, refer to RAS 118, 119, or 120 and the tile manufacturer's NOA. For foam-adhered tile roof assemblies using LASTOBOND PRO TU HT, approved for use with DuPont's TILE BOND™ Roof Tile Adhesive or ICP's APOC® Polyset® AH-160 (HFC) adhesive.

**Maximum Design
Pressure:**

-195 psf*

* Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.

Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " APA rated, 40/20 span rating, Exposure 1, PS1, CDX, 4-ply or greater plywood or wood plank secured with #8 wood screws spaced 6" o.c. to structural supports maximum spaced 24" o.c.
System F(4):	Membrane adhered directly to substrate.
Membrane:	One ply of LASTOBOND PRO TU HT Underlayment, self-adhered and back-nailed using 12 gage, annular ring shank nails with ³ / ₈ -inch head diameter through tin caps 1- ⁵ / ₈ -inch in diameter and of 32 gage metal, positioned on the centerline of the fabric-surfaced portion of the 3.5-inch side lap, spaced max 12-inch o.c. and sealed using a continuous bead of SOPRAMASTIC™ SBS ELASTIC CEMENT, rolled into place to achieve a watertight position.
Surfacing:	Approved for asphalt shingle, mechanically fastened roof tile, foam-adhered roof tile, non-structural metal roofing, wood shakes & shingles or slate roof assemblies as specified within the Roof System NOA.
Note:	For tile roof assemblies, refer to RAS 118, 119, or 120 and the tile manufacturer's NOA. For foam-adhered tile roof assemblies using LASTOBOND PRO TU HT, approved for use with DuPont's TILE BOND™ Roof Tile Adhesive or ICP's APOC® Polyset® AH-160 (HFC) adhesive.
Maximum Design Pressure:	-202.5 psf*

* Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.

LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with the applicable building code. LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER shall be installed in strict compliance with the applicable building code.
3. LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER shall be applied to a smooth, clean and dry surface, free from irregularities. Re-fasten any loose decking panels, and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application. When a smooth, clean and/or dry surface cannot be obtained, the substrate shall be primed with Elastocol Stick prior to application..
4. LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER shall not be applied over an existing roof membrane as a recover system but may be applied over a roofing Base/Anchor sheet underlayment.
5. LASTOBOND TU HT, TopShield Defender TU HT, and Tri-Built S/A HT TU Underlayment are acceptable for use in foam adhesive set and mechanically fastened roof tile systems as specified in the surfacing option of the approved assemblies.
6. RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER shall not be left exposed as a temporary roof for longer than 30 days.
7. LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND Shield, LASTOBOND Pro HT-N, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, and RESISTO SA Smooth Ply 40 shall not be left exposed as a temporary roof for longer than 90 days of application.
8. LASTOBOND TU HT, TopShield Defender TU HT, and Tri-Built S/A HT TU Underlayment shall not be left exposed as a temporary roof for longer than 180 days of application.

LIMITATIONS: (CONTINUED)

9. LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER may be used with any approved roof covering listing LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Shingle Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER within the Product Approval. If LASTOBOND Shield, LASTOBOND Pro HT-N, RESISTO SA Smooth Ply 40, LASTOBOND Shield HT, EXCEPTIONAL HT, LASTOBOND Pro HT-S, LASTOBOND TU HT, TopShield Defender TU HT, Tri-Built S/A HT TU Underlayment, LASTOBOND Smooth Seal HT, Tri-Built Smooth HT S/A Underlayment, RESISTO LB1236, Tri-Built Sand-R SA Underlayment, RESISTO LB1244 or TopShield ICE & WATER DEFENDER is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval based on the necessary documentation to detail compatibility of the products, wind uplift resistance and fire resistance results.
10. When applying the membrane in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in both directions. For ridge applications, center the membrane and roll from the center outwards in both directions.
11. Membrane shall be applied to protrusions, slope changes, valley, curb, and other roof top penetration details before any other sections of the roof.
12. 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.
13. Tiles must be staged onto LASTOBOND TU HT, TopShield Defender TU HT, or Tri-Built S/A HT TU Underlayment as per manufacturer's requirements, not to exceed 10-high, to the standard maximum roof pitch of 6:12. At a roof pitch of 6:12, tiles shall be staged using a double-tile stacking method (See Figure 1, below).

Tile Staging Method



Figure 1: Double-Tile Stacking Method

At roof slopes greater than the preceding limitations all tiles shall be loaded onto a nominal 1" x 2" horizontal batten to prevent slippage.

LIMITATIONS: (CONTINUED)

14. Flat tiles shall be staged onto LASTOBOND PRO TU HT as per manufacturer's requirements, not to exceed 10-high, to the standard maximum roof pitch of 6:12 (See Figure 2, below).

Profiled tiles shall be staged onto LASTOBOND PRO TU HT (two tiles perpendicular to slope, four tiles on top parallel to slope) as per manufacturer's requirements, not to exceed 6-high, to the standard maximum roof pitch of 6:12 (See Figure 3, below).

At roof slopes greater than the above limitations, the use of loading battens or toe boards are required to load the roof tile.

Tile Staging Method



Figure 2: Flat 10-tile stack



Figure 3: Profile with Lugs 6-tile stack (4 over 2)

15. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

MIAMI-DADE COUNTY
APPROVED

END OF THIS ACCEPTANCE

MIAMI-DADE COUNTY
APPROVED

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Page 11 of 11