



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Westlake Royal Roofing LLC.
7575 Irvine Center Drive, Suite 100
Irvine, CA 92618

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: Westlake Royal TileSeal HT, Westlake Royal MetalSeal HT, Westlake Royal Citadel Plus, and SwiftAnchor Mechanically Fastened Base Sheet

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# 24-0222.09 and consists of pages 1 through 12.
The submitted documentation was reviewed by Alex Tigera.

11/14/24



NOA No.: 24-0919.02
Expiration Date: 08/02/28
Approval Date: 11/14/24
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS

PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Westlake Royal TileSeal HT	36" x 36' rolls 36" x 72' rolls	TAS 103 ASTM D1970	SBS self-adhering asphalt sheet material with a white glass re-enforced polyester surfacing fabric; for use as an underlayment in sloped roof assemblies.
Westlake Royal MetalSeal HT	36" x 36' rolls 36" x 72' rolls	TAS 103 ASTM D1970	SBS self-adhering asphalt sheet material with a white glass re-enforced polyester surfacing fabric; for use as an underlayment in sloped roof assemblies.
Westlake Royal Citadel Plus	36" x 72' rolls	ASTM D1970	SBS self-adhering asphalt sheet material with a poly film-facer; for use as a mid-ply underlayment in sloped roof assemblies.
SwiftAnchor Mechanically Fastened Base Sheet	40" x 300' rolls	ASTM D8257	High-performance synthetic anchor/base sheet designed for optimal adhesion of Westlake Royal TileSeal HT and MetalSeal HT two-ply systems

MANUFACTURIGN LOCATION:

1. Brentwood, NH.
2. Houston, TX.



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>	
PRI Construction Materials Technologies, LLC.	OCF-356-02-04	ASTM D1623	07/25/18	
	OCF-356-02-02	TAS 103	07/24/18	
	OCF-356-02-01	ASTM D1970	07/26/18	
	OCF-424-02-04	ASTM D1623	07/25/18	
	OCF-424-02-01	ASTM D1970	07/25/18	
	OCF-424-02-03	TAS 103	07/25/18	
	2458T0003	UL 1897	11/10/23	
	1378A0008	Letter	09/29/20	
	1378A0009	Letter	09/29/20	
	1378A0010	Letter	09/29/20	
	1378A0011	Letter	09/29/20	
	1378A0012	Letter	09/29/20	
	1378A0013	Letter	09/29/20	
	2458T006	UL 1897	07/24/24	
	2458T007	UL 1897	07/24/24	
	Trinity ERD	BRLRF-SC16810.11.17	ASTM D 1876	11/28/17
	QAI Laboratories	RJ9147P-2	ASTM D8257	12/08/23



APPROVED ASSEMBLIES:

- Deck Type 1:** Wood, non-insulated
- Deck Description:** $1\frac{5}{32}$ " or greater plywood or wood plank
- System E(1):** Anchor sheet mechanically fastened deck, membrane adhered.
- Base Sheet:** One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4" head 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.
- Ply Sheet (Optional):** Apply one layer of Westlake Royal Citadel Plus over Base sheet as per current approval.
- Membrane:** One or more plies of Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic.
- Surfacing:** Approved for Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.



Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁵ / ₃₂ ", PS 1-19, 32/16 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(2):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 9" o.c. in three (3) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-52.5 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.**



Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁵ / ₃₂ " , PS 1-19, 32/16 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(3):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 6" o.c. in five (5) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-90 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 " , PS 1-19, 40/20 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(4):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 8" o.c. in three (3) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-52.5 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.**



Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " , PS 1-19, 40/20 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(5):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 8" o.c. in four (4) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-60 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 " , PS 1-19, 40/20 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(6):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 7" o.c. in four (4) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-67.5 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.**



Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " , PS 1-19, 40/20 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 6" o.c. along the edges and intermediate supports.
System E(7):	Anchor sheet mechanically fastened deck, membrane adhered.
Base Sheet:	One or more plies of SwiftAnchor Mechanically Fastened Base Sheet with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and 6" o.c. in five (5) equally spaced rows in the field of the roll.
Membrane:	One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic. Westlake Royal TileSeal HT Underlayment shall be back-nailed using 0.120" x 1-1/4" long annular ring shank roofing nails with 32 ga., 1-5/8" diameter tin caps max 12" o.c.
Surfacing:	Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-97.5 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.**



Deck Type 1: Wood, non-insulated

Deck Description: ¹⁹/₃₂", PS 2-18, 40/20 span rated, Grade C-D, Exposure 1, 4-ply or greater plywood or wood plank attached to supports spaced 24" o.c. with 0.113" x 2-3/8" ring shank nails spaced 4" o.c. along the edges and intermediate supports.

System F(1): Membrane self-adhered directly to deck.

Membrane: One or more plies of Westlake Royal TileSeal HT Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with Westlake Royal TileSeal HT Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic.

Note: When used in Tile roof systems Westlake Royal TileSeal HT 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. No nails or tin caps shall be exposed.

Surfacing: Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.

Underlayment Uplift Design Pressure: -172.5 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 applicable building code. Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment shall be installed in strict compliance with applicable Building Code.
3. Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment shall be applied to a smooth, clean and dry surface with deck free of irregularities.
4. Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment shall not be applied over an existing roof membrane as a recover, but may be applied over a roofing Base/Anchor sheet underlayment.
5. Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment shall not be left exposed as a temporary roof for longer than 180 days of application.
6. The standard maximum roof pitch for Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment shall be 6:12 when tiles are loaded directly to the Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT underlayment; loading boards or battens are required on roof pitches greater than 6:12".
7. Refer to Prepared Roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products.
8. Tiles shall be stored on battens on roof pitches greater than 6:12".
9. Westlake Royal TileSeal HT and Westlake Royal MetalSeal HT underlayment may be used with any approved roof covering Notice of Acceptance listing Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT underlayment as a component part of an assembly in the Notice of Acceptance. If Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT underlayment is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
10. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels. Sweep the deck thoroughly to remove any dust and debris prior to application.
11. 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 outward in both directions.
12. Roll or broom the entire membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
13. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.
14. All protrusions or drains shall be initially taped with a 6" piece of underlayment. This target piece shall be pressed in place and formed around the protrusion to ensure a tight fit. A second layer of Westlake Royal TileSeal HT or Westlake Royal MetalSeal HT underlayment shall be applied over the underlayment, and sealed using an SBS modified mastic.
15. 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.
16. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



END OF THIS ACCEPTANCE



NOA No.: 24-0919.02
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