



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)

DaVinci Roofscapes, LLC
13890 W 101 St.
Lenexa, KS 66215

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: DaVinci Shake & DaVinci Select Shake

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA #18-0928.05 and consists of pages 1 through 8.

The submitted documentation was reviewed by **Freddy Semino** 




NOA No. 19-0506.01
Expiration Date: 02/21/25
Approval Date: 09/12/19
Page 1 of 8

ROOFING ASSEMBLY APPROVAL

<u>Category:</u>	Roofing
<u>Sub-Category:</u>	Shake
<u>Materials</u>	Composite
<u>Deck Type:</u>	Wood
<u>Maximum Design Pressure</u>	-168.5
<u>Fire Classification Pressure</u>	See General Limitation #1

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
DaVinci Shake	22" long 4", 6", 7", 8" & 9" width Thickness at Butt end 5/8"	TAS 110	Shake looking composite shingle with tapered back.
DaVinci Select Shake	22" long 8" & 10" width Thickness at Butt end 5/8"	TAS 110	Shake looking composite shingle with tapered back.

MANUFACTURING LOCATION:

1. Lenexa, KS

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Farabaugh Engineering and Testing	T159-19	TAS 125	08/30/19
Farabaugh Engineering and Testing	T145-19	TAS 100	08/30/19
PRI Asphalt Technologies	DRM-156-02-01	ASTM G155, D638	12/02/15
	DRM-054-02-01	ASTM D635, D1929, D2843	11/16/15
	DRM-010-02-01	TAS 100	07/18/07
	DRM-001-02-01	ASTM G26	09/29/04
Intertek	103032787COQ-002B	TAS 125	11/26/18
	3128992COQ-004	TAS 125	07/31/07
	3087829	ASTM D 2843	01/25/06
	3061879(d)	ASTM D1929	01/25/06
	3061879(b)	ASTM D635	09/21/05
Underwriters Laboratories	05CA34365	ASTM E 108	11/29/05



NOA No. 19-0506.01
Expiration Date: 02/21/25
Approval Date: 09/12/19
Page 2 of 8

APPROVED ASSEMBLIES:

System A:	DaVinci Shake
Deck Type:	Wood, Non-Insulated
Deck Description:	¹⁹ / ₃₂ " or greater plywood or wood plank.
Slope Range:	4": 12" or greater
Maximum Uplift Pressure:	-93.5 psf. (See General Limitation #2)

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than #7 x 2" wood screws spaced 6" o.c. In reroofing, where the deck is less than ¹⁹/₃₂" thick (Minimum ¹⁵/₃₂") The above attachment method must be in addition to existing attachment.

Underlayment: Underlayment shall be applied in accordance with applicable Building Code. Two plies of ASTM D 226 Type II felt overlapped 19" and 6" end lap. Underlayment shall be installed with minimum 12 ga. corrosion resistant ring shank nails and tin caps, spaced 12" o.c. staggered in the field and 6" o.c. at the laps. Or, any approved underlayment having a current NOA. A full width of W.R. Grace Ice and Water Shield shall be placed around the perimeter of the entire roof over the underlayment.

Fire Barrier: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Valleys: Valley metal shall be a minimum 16" wide. Valley metal shall be set over a minimum 36" wide sweat sheet of minimum ASTM D 226 type II embedded in roofing cement, or an approved self-adhered membrane. Valley metal shall imbedded in roofing cement and be secure with roofing nails spaced a maximum 4" o.c. at outer most part of metal on each side. Valley edges shall be primed and embed a 6" wide asphalt coated fabric in an 8" wide bed of roofing cement. Place a second coat of roofing cement over the fabric. Valley detail shall be in accordance with the current published manufacturer's literature.

Ridge & Hips: See Da Vinci Roofscape's published installation manual for detail.

Starter: Install required starter over the edge 1". Fasten each starter with a minimum of two corrosion resistant roofing nails located 2-1/2" in from the edge and 8" up from the butt edge of the shake. Nails shall be of sufficient length to penetrate sheathing ³/₁₆".

Application: DaVinci Shake shall be installed in accordance with DaVinci Roofscapes LLC. current published installation manual. DaVinci Shake shall have a maximum 9" exposure (**see Detail 'B'**). DaVinci Shake shall be fastened with a minimum of two 1-1/2" stainless steel roofing nails below the marked holes and 9-1/2" up from the butt edge (**see Detail 'A'**) and shall penetrate through underlying panel. Nails shall be of sufficient length to penetrate through the sheathing a minimum of ³/₁₆".



System B: **DaVinci Shake**
Deck Type: Wood, Non-Insulated
Deck Description: 1⁹/₃₂" or greater plywood or wood plank.
Slope Range: 4": 12" or greater
Maximum Uplift Pressure: See Maximum Design Pressures Below

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than #8 x 1-1/2" wood screws spaced 8" o.c. at panel edges and intermediate supports and 4" o.c. at the perimeter. In reroofing, where the deck is less than 1⁹/₃₂" thick (Minimum 1⁵/₃₂") The above attachment method must be in addition to existing attachment.

Underlayment: Underlayment shall be applied in accordance with applicable Building Code. One ply of ASTM D 226 Type II felt overlapped 19" and 6" end lap. Underlayment shall be installed with minimum 12ga. corrosion resistant ring shank nails and tin caps, spaced 12" o.c. staggered in the field and 6" o.c. at the laps. Or, any approved underlayment having a current NOA. A full width of a Miami Dade County approved ASTM D1970 self-adhering underlayment shall be placed around the perimeter of the entire roof over the underlayment.

Valleys: Valley metal shall be a minimum 24" wide. Valley metal shall be secured with approved ring shank roofing nails spaced a maximum 4" o.c. at outer most part of metal on each side. Valley detail shall be in accordance with the current published manufacturer's literature.

Ridge & Hips: See Da Vinci Roofscape's published installation manual for detail.

Starter: Install required starter over the edge 1". Fasten each starter with a minimum of two corrosion resistant roofing nails located 2-1/2" in from the edge and 8" up from the butt edge of the shake. Nails shall be of sufficient length to penetrate through the sheathing 3/16".

Application: DaVinci Shake shall be installed in accordance with DaVinci Roofscapes LLC.current published installation manual. DaVinci Shake shall have a maximum 10" exposure (see Detail 'B').

Field Condition: DaVinci Shake shall be fastened with a minimum of two 11ga. corrosion resistant annular ring shank nails long enough to penetrate the sheathing 3/16". Nails shall be placed in the marked nail guide location on the slate.
Maximum Design Pressure: -86 psf. (See Limitation #2)

Perimeter and Corner Condition: DaVinci Shake shall be fastened with a minimum of four 11ga. corrosion resistant annular ring shank nails long enough to penetrate through the sheathing 3/16". Two nails shall be placed in the marked nail guide location on the slate and 2 additional nails placed on the same horizontal line at least one inch from the adjacent nails.
Maximum Design Pressure: -168.5 psf. (See Limitation #2)



System C: **DaVinci Select Shake**
Deck Type: Wood, Non-Insulated
Deck Description: 1⁹/₃₂" or greater plywood or wood plank.
Slope Range: 4": 12" or greater
Maximum Uplift Pressure: See Maximum Design Pressures Below

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than 8d x 2" ring shank nails spaced 6" o.c. panel edges and intermediate supports and 4" o.c. at the perimeter. In reroofing, where the deck is less than 1⁹/₃₂" thick (Minimum 1⁵/₃₂") The above attachment method must be in addition to existing attachment.

Underlayment: Underlayment shall be applied in accordance with applicable Building Code. One ply of ASTM D 226 Type II felt overlapped 19" and 6" end lap. Underlayment shall be installed with minimum 12ga. corrosion resistant ring shank nails and tin caps, spaced 12" o.c. staggered in the field and 6" o.c. at the laps. Or, any approved underlayment having a current NOA. A full width of Miami Dade County approved ASTM D1970 self-adhering underlayment shall be placed around the perimeter of the entire roof over the underlayment.

Valleys: Valley metal shall be a minimum 24" wide. Valley metal shall be secured with approved ring shank roofing nails spaced a maximum 4" o.c. at outer most part of metal on each side. Valley detail shall be in accordance with the current published manufacturer's literature.

Ridge & Hips: See Da Vinci Roofscape's published installation manual for detail.

Starter: Install required starter over the edge 1". Fasten each starter with a minimum of two corrosion resistant roofing nails located 2-1/2" in from the edge and 8" up from the butt edge of the shake. Nails shall be of sufficient length to penetrate through the sheathing 3/16".

Application: DaVinci Select Shake shall be installed in accordance with DaVinci Roofscapes LLC. current published installation manual. DaVinci Select Shake shall have a maximum 10" exposure (see Detail 'C').

Field Condition: DaVinci Select Shake shall be fastened with a minimum of two 11ga. corrosion resistant annular ring shank nails long enough to penetrate through the sheathing 3/16". Nails shall be placed in the marked nail guide location on the slate.
Maximum Design Pressure: -79.8 psf. (See Limitation #2)

Perimeter and Corner Condition: DaVinci Select Shake shall be fastened with a minimum of four 11ga. corrosion resistant annular ring shank nails long enough to penetrate the sheathing 3/16". Two nails shall be placed in the marked nail guide location on the slate and 2 additional nails placed on the same horizontal line at least one inch from the adjacent nails.
Maximum Design Pressure: -150 psf. (See Limitation #2)



GENERAL LIMITATIONS:

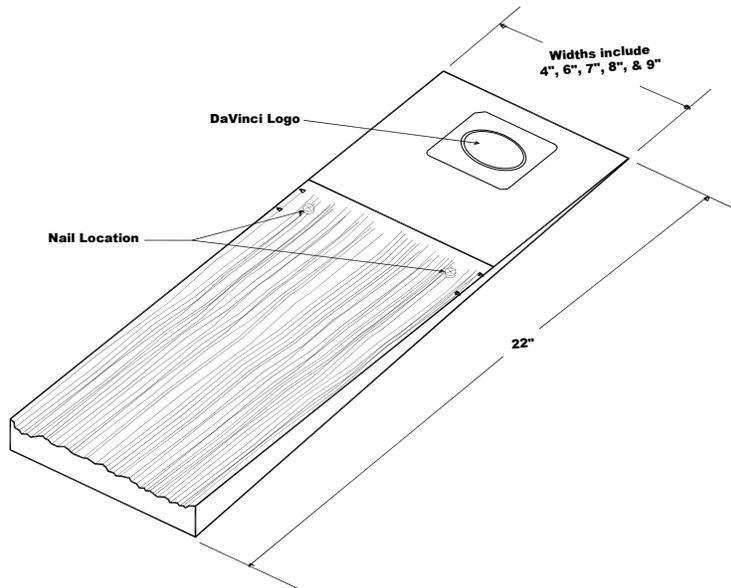
1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
3. All shakes shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved" **or** with the Miami-Dade County Product Control Seal as seen below.



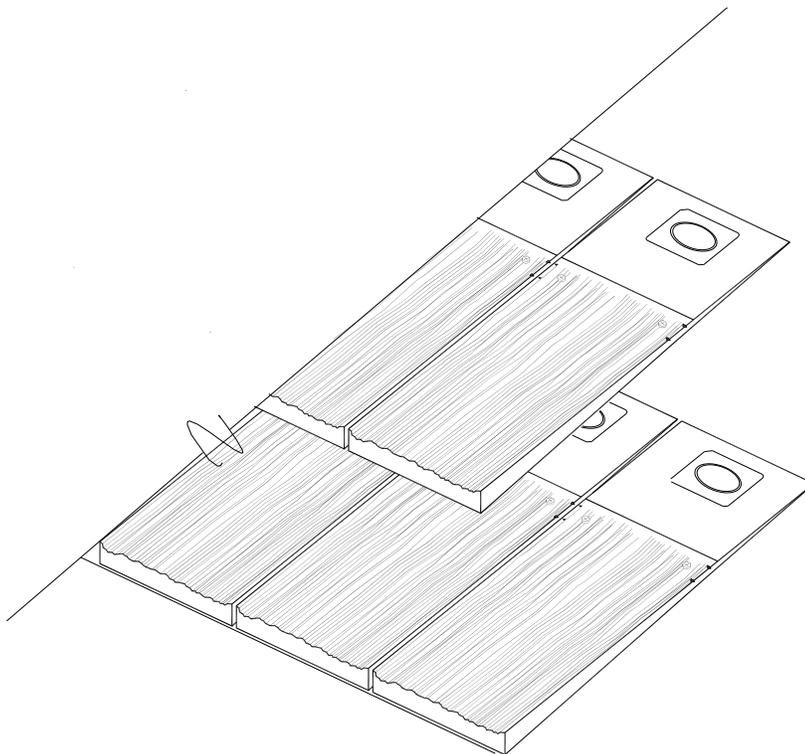
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.



DRAWINGS DETAIL 'A'



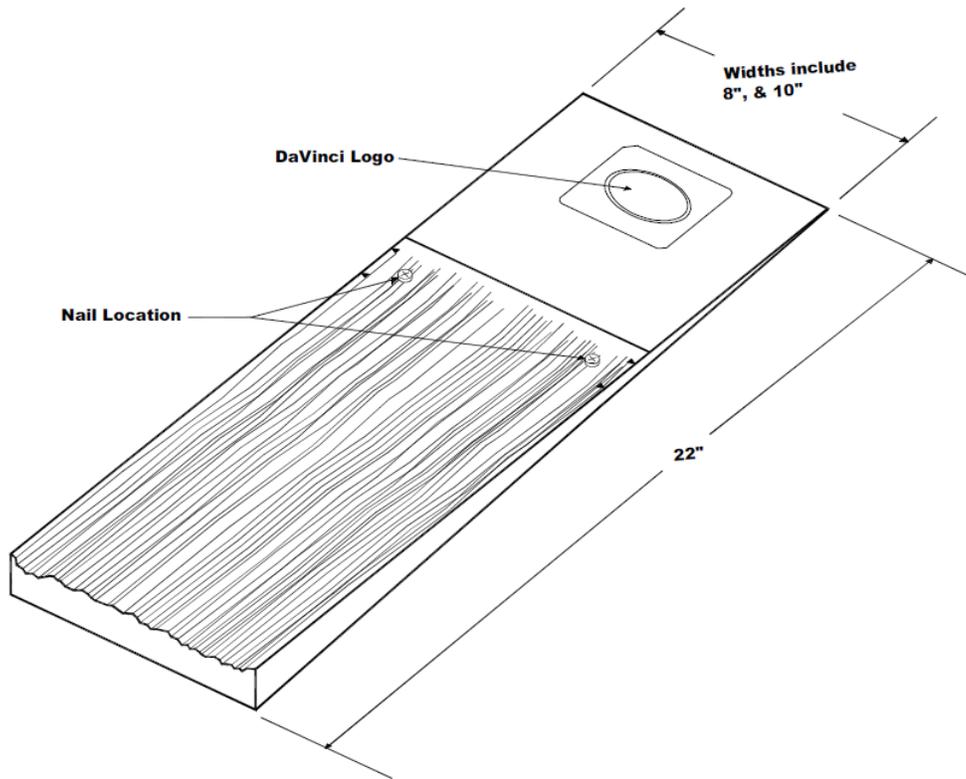
DAVINCI SHAKE DETAIL 'B'



DaVinci

SELECT SHAKE DETAIL

'C'



END OF THIS ACCEPTANCE



NOA No. 19-0506.01
Expiration Date: 02/21/25
Approval Date: 09/12/19
Page 8 of 8