



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**Westlake Royal Building Products
7" Staggered Shake Vinyl Siding**

for

Florida Product Approval

FL# FL42321

Report No. 8700

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Siding
Product:	7" Staggered Shake Vinyl Siding
Material:	Vinyl
Product Dimensions:	See Installation Instructions, WLR018

Prepared for:

**Westlake Royal Building Products
2801 Post Oak Blvd. Suite 600
Houston, TX 77056**

Prepared by:

Hermes F. Norero, P.E.

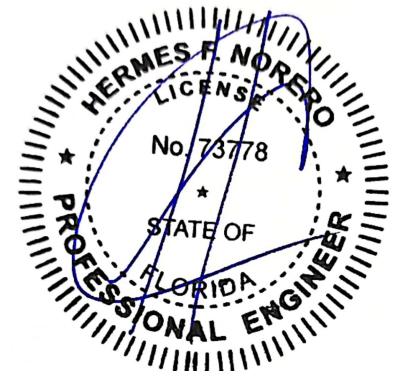
Florida Professional Engineer # 73778

Date: 08/04/2023

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Hermes F. Norero, P.E.
Florida P.E. No. 73778



FL#: **FL42321**

Date: 08/04/2023

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Manufacturer: Westlake Royal Building Products

Product Category: Panel Walls

Product Sub-Category: Siding

Compliance Method: State Product Approval Method (1)(d)

Product Name: **7" Staggered Shake Vinyl Siding**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Westlake Royal Building Products** based on Method 1d of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **WLR018**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **excluding** the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. Site conditions that deviate from the details of Installation Instructions **WLR018** require further engineering analysis by a licensed engineer or registered architect.
4. See Installation Instructions **WLR018** for size and design pressure limitations.

Quality Assurance: The manufacturer has demonstrated compliance of siding products in Accordance with the Florida Building Code and State Rule for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Intertek Testing Services NA, Inc. - QA Entity** (FBC Organization #: QUA1673)

Performance Standards: The product described herein has been tested per:

- ASTM D3679-17
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.** (FBC Organization # TST1558)
Report #: E8399.01-109-40, Report Date: 10/19/15
2. Quality Assurance
Intertek Testing Services NA, Inc. - QA Entity
(FBC Organization # QUA1673)

Installation:

Refer to Installation Instructions (**WLR018**) for further installation details, anchor spacing, and limitations of use.

Design Pressure:

Refer to Installation Instructions (**WLR018**) for allowable design pressures based on panel height and width.



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Equivalence of Test Standard Editions:

Various test standard(s) have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. The manufacturer has tested their products to the following test standard edition(s):

- 1) ASTM D3679-09

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) ASTM D3679-17

After review of the above mentioned referenced standards and editions, it has been found that no significant technical changes have been made to the test standards that would affect the results. All referenced standards have been found to be equivalent.