



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

Product Evaluation Report

of

**Westlake Royal Building Products
Vinyl Soffit Products
(Non-HVHZ)**

for

Florida Product Approval

FL# FL13139

Report No. 8189

Current Florida Building Code

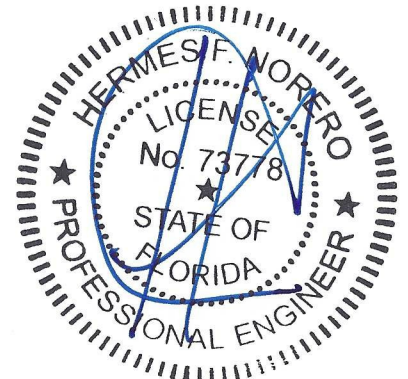
Method:	1 – D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Soffit
Product:	Vinyl Soffit Products
Materials:	Vinyl
Product Dimensions:	See Installation Instructions, WLR001

Prepared for:

**Westlake Royal Building Products
91 Royal Group Crescent
Woodbridge, Ontario L4H 1X9, Canada**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 09/22/2022



Contents:

Evaluation Report Pages 1 – 4

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

Manufacturer: Westlake Royal Building Products

Product Category: Panel Walls

Product Sub-Category: Soffit

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

Product Name: Vinyl Soffit Products
(Non-HVHZ)

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 **WLR001**, 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. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **WLR001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **WLR001** for size and design pressure limitations.

Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Architectural Testing, Inc., an Intertek Company** (FBC Organization # QUA1844).

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

- ASTM D3679-17
- ASTM D4477
- ASTM D5206

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - York, PA** (FBC Organization # TST1558)
Report #: 81642.01-109-40, Report Date: 05/06/08
Report #: 81643.01-109-40, Report Date: 05/06/08
Report #: 81647.01-109-40, Report Date: 05/06/08
Report #: 81648.01-109-40, Report Date: 05/06/08
Report #: 81651.01-109-40, Report Date: 05/06/08
Report #: A0665.01-106-31, Report Date: 05/07/10
Report #: E8622.01-109-40, Report Date: 06/29/15
2. Product Testing performed by **PRI Construction Materials Technologies, LLC** (FBC Organization # TST5878)
Report #: RBPI-022-02-01, Report Date: 04/06/18
Report #: RBPI-022-02-02, Report Date: 04/06/18
Report #: RBPI-022-02-03, Report Date: 04/06/18

Installation:

Refer to Installation Instructions (**WLR001**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**WLR001**) for design pressures based on size, configuration, and installation.

Equivalence of Test Standards:

Various test standards 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. **Westlake Royal Building Products** 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 the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.