



BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

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Product Evaluation Report

of

**Royal Building Products
Vinyl Siding Products
(Non-HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL15935

Report No. 6518

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Siding
Product:	Vinyl Siding
Materials:	Vinyl
Product Dimensions:	See Installation Instructions, RBP011

Prepared for:

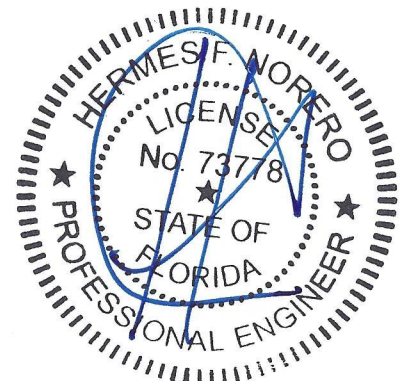
**Royal Building Products
91 Royal Group Crescent
Woodbridge, Ontario L4H 1X9**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/12/2019

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



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Date: 12/12/2019

Report No: 6518

Manufacturer:	Royal Building Products
Product Category:	Panel Walls
Product Sub-Category:	Siding
Compliance Method:	State Product Approval Method (1)(d)
Product Name:	Vinyl Siding Products (Non-HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **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 **RBP011**, 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 drawing **RBP011** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **RBP011** for size and design pressure limitations.

Hermes F. Norero, P.E.

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

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

- ASTM D3679-11
- ASTM D5206

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.** (FBC Organization # TST1558)
Report #: 81645.01-109-40, Report Date: 05/14/08
Report #: 81645.02-109-40, Report Date: 05/14/08
Report #: 81646.01-109-40, Report Date: 05/06/08
Report #: 81646.02-109-40, Report Date: 05/06/08
Report #: 81641.01-109-40, Report Date: 05/14/08
Report #: 81641.02-109-40, Report Date: 05/14/08
Report #: 81644.01-109-40, Report Date: 05/14/08
Report #: 81644.02-109-40, Report Date: 05/14/08
Report #: 81649.01-109-40, Report Date: 05/14/08
Report #: 81649.02-109-40, Report Date: 05/14/08
Report #: 81651.01-109-40, Report Date: 05/14/08
Report #: 81651.02-109-40, Report Date: 05/14/08
Report #: 81652.01-109-40, Report Date: 05/14/08
Report #: 81652.02-109-40, Report Date: 05/14/08
Report #: 81653.01-109-40, Report Date: 05/06/08
Report #: 81653.02-109-40, Report Date: 05/06/08
Report #: E4831.04-109-44, Report Date: 03/26/15
Report #: E4831.05-109-44, Report Date: 03/26/15
Report #: E4831.11-109-44, Report Date: 06/08/15
Report #: A8792.01-109-40, Report Date: 05/06/11
Report #: D4231.01-103-77, Report Date: 04/23/14
Report #: A0609.01-103-77, Report Date: 10/29/10
Report #: C4104.01-109-40, Report Date: 01/09/13
Report #: A0665.01-106-31, Report Date: 05/07/10
2. Quality Assurance
Architectural Testing, Inc.
(FBC Organization # QUA1844)



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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. YKK AP America, Inc. has tested their products to the following test standard edition(s):

- 1) ASTM D3679-09
- 2) ASTM D4477-04a

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

- 1) ASTM D3679-11

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.

Installation:

Refer to Installation Instructions (**RBP011**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**RBP011**) for design pressures based on size, configuration, and glass types.

Hermes F. Norero, P.E.

Florida No. 73778

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