BUILDING DROPS
1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

Reilly Architectural
Series 4170 Inswing Casement Window
(HVHZ)(Impact)

for

Florida Product Approval

FL# FL48048

Report No. 10954

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Casement**
Product:	**Series 4170 Inswing Casement Window (HVHZ)(Impact)**
Materials:	**Mahogany**
Product Dimensions:	**See Installation Instructions, RWD032**

Prepared for:
Reilly Architectural
901 Burman Blvd, Building 701
Calverton, NY 11933

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 6/17/2026

Contents:

Evaluation Report Pages 1 – 4

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.13 14:16:23 +02'00'

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

Manufacturer: **Reilly Architectural**

Product Category: Windows

Product Sub-Category: Casement

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

Product Name: **Series 4170 Inswing Casement Window (HVHZ)(Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Reilly Architectural** 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 **RWD032**, 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, **including** 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 not require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **RWD032** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **RWD032** for size and design pressure limitations.

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Quality Assurance Agency: 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 **Keystone Certifications, Inc**. (FBC Organization # QUA1824).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) – York, PA (FBC Organization # TST1558)**

Report #:	Report Date:
99617.01-109-18	06/18/2013
99617.05-109-18	05/11/2011
C8667.04-109-44	09/25/2013
C8667.05-109-18	04/24/2015
C8667.06-109-44	04/24/2015
C8667.07-109-44	04/24/2015

Reports Signed and Sealed by Michael D. Stremmel, FL PE No. 65868

99617.02-109-44	06/18/2013
99617.03-109-18	05/10/2011
99617.04-109-18	05/11/2011

Reports Signed and Sealed by Joseph A. Reed, FL PE No. 58920

2. Product Testing performed by **National Certified Testing Laboratories (FBC Organization # TST4744)**

Report #:	Report Date:
NCTL-110-18197-1	07/20/2015
NCTL-110-18197-2	07/20/2015
NCTL-110-18198-1	07/17/2015
NCTL-110-18198-2	07/22/2015

Reports Signed and Sealed by Harold E. Rupp, FL PE No. 15935

3. Quality Assurance
   Keystone Certifications, Inc.
   (FBC Organization #: QUA1824)

4. **Miami Dade County Notice of Acceptance (NOA)** for Interlayers
   Current NOA for Sentryglas Interlayer by Kuraray America, Inc.

Installation:

Refer to Installation Instructions (**RWD032**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**RWD032**) for design pressures based on size, configuration, and glass types.

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