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

Product Evaluation Report

of

Lumini Windows & Doors
Imperial Fixed Windows
(WZ3)(Impact)

for

Florida Product Approval

FL# FL47164

Report No. 9517

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Fixed**
Product:	**Imperial Fixed Windows**
Material:	**Aluminum 6063-T5**
Product Dimensions:	**See Installation Instructions, LWD003**

Prepared for:
Lumini Windows & Doors
2720 W. Chicago Ave.,
Chicago, IL 60622

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/12/2024

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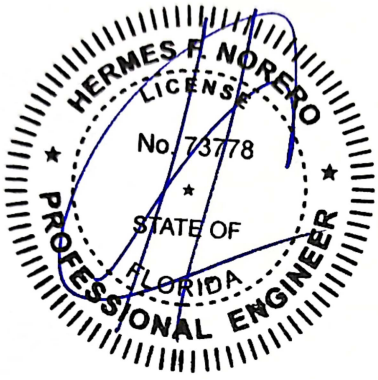
Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.13 15:02:36 -05'00'



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

Manufacturer: **Lumini Windows & Doors**

Product Category: Windows

Product Sub-Category: Fixed

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

Product Name: **Imperial Fixed Windows (WZ3) (Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Lumini Windows & Doors** 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 on **LWD003**, 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.
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 in Wind Zone 3 or less.
4. 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 in Wind Zone 4.
5. Site conditions that deviate from the details of Installation Instructions **LWD003** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions on **LWD003** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation & Management Institute.** (FBC Organization #: QUA1789).

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

- TAS 202-94
- ASTM E1886 - 19
- ASTM E1996 - 20

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - York, PA.**
   (FBC Organization #TST1558)
   Report #: P2066.01-109-18, Report Date: 05/03/24
   Report #: Q8103.01-109-18, Report Date: 10/25/24
   Signed & Sealed: Tonya A. Dolby, Florida P.E. No: 93536

2. Quality Assurance
   National Accreditation & Management Institute.
   (FBC Organization #: QUA1789)

3. Material Certification
   Miami Dade County Notice of Acceptance
   Kuraray America, Inc.
   Sentryglas Interlayer

Installation Method: Please refer to Installation instructions, **LWD003**, for anchor methods, selection, spacing, edge distances, embedment and further details of installation.

Design Pressure: Please refer to Installation instructions, **LWD003**, for sizes, configurations and design pressures.

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