



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

Product Evaluation Report
of
Linea Rossa Windows and Doors
LRWAD-960 & LRWAD-970 Window Wall Systems
(HVHZ) (Impact)
for
Florida Product Approval
FL# FL42293
Report No. 8657

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Panel Walls
Sub – Category: Curtain Walls

Product: LRWAD-960 & LRWAD-970 Window Wall Systems
Materials: Aluminum 6005-T5/Aluminum 6063-T6
Product Dimensions: See Installation Instructions, LRA011

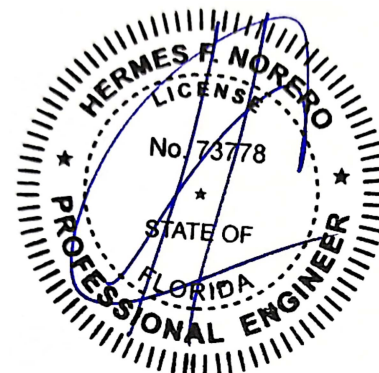
Prepared for:
Linea Rossa Windows and Doors
1850 NW 84th Ave, Suite 114
Doral, FL 33126

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 8/11/2023

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.13 12:28:05 -04'00'



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

Manufacturer: Linea Rossa Windows and Doors

Product Category: Panel Walls

Product Sub-Category: Curtain Walls

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

Product Name: **LRWAD-960 & LRWAD-970 Window Wall Systems (HVHZ) (Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Linea Rossa LLC** 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 **LRA011**, 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 **LRA011** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **LRA011** for size and design pressure limitations.

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 **National Accreditation & Management Institute** (FBC Organization # QUA1789).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94
- AAMA 501-15

Referenced Data:

1. Product Testing performed by **QAI Laboratories, Inc.**
(FBC Organization # TST1657)
Report: 13195 Dated: 02/08/2023
13645 02/17/2023
TAS report signed and sealed by Idalmis Ortega, FL P.E. No. 76905
2. Miami Dade County Notice of Acceptance (NOA) for Interlayers
Current NOA for Trosifol Interlayer by Kuraray America, Inc.
Current NOA for Sentryglas Interlayer by Kuraray America, Inc.
3. Quality Assurance
National Accreditation & Management Institute
(FBC Organization #: QUA1789)

Installation:

Refer to Installation Instructions (**LRA011**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**LRA011**) for design pressures based on size, configuration, and glass types.

Equivalency Statement:

This note shall serve to state that the Linea Rosa Windows and Doors products in question comply with Chapter 17 & 24 of the Current Florida Building Code for testing in accordance with AAMA 501-15 "Methods of Tests for Exterior Walls".

Further, the testing on this product complies with the requirements specified within the AAMA 501-15 standard, as required by the Florida Building Code. This standard is listed under Chapter 35 of the current Florida Building Code and titled "Methods of Tests for Exterior Walls".

At a minimum, AAMA 501-15 requires exterior wall systems be tested to ASTM E283, ASTM E330 and ASTM E331 test standards.

Continental Glass Systems, LLC has successfully tested their products to ASTM E283, ASTM E330, and ASTM E331 in accordance with the test requirements set forth within TAS 202-94. All test methods and procedures may be considered equivalent or better than those in AAMA 501-15.

All test results meet or exceed requirements of the Current Florida Building Code.