L. Roberto Lomas P.E.
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Engineering Evaluation Report

Report No.: 515274B

Manufacturer: Reilly Windows & Doors
901 Burman Blvd. Bldg. 701
Calverton, NY 11933

Product Line: RWD Wood Out-swing French Casement, Impact

Compliance:
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-03983, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: MT 12-0162-1-4 signed and sealed by Alexis Spyrou P.E.
   MT Group Material Testing Laboratories, Inc.
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±65.0psf
   Water penetration resistance: 13.5psf
3. Report No.: MT 12-0162-1-5 signed and sealed by Alexis Spyrou P.E.
   MT Group Material Testing Laboratories, Inc.
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
   Cyclic Load Test, ±65.0psf design pressure
4. Test report No.: MT 12-0162-1-6 signed and sealed by Alexis Spyrou P.E.
   MT Group Material Testing Laboratories, Inc.
   TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
   Cyclic Pressure loading ±75.0psf design pressure
   TAS 202 Uniform Static Air Pressure, ±65.0psf design pressure, 13.5psf water penetration.
5. Report No.: G4946.01-525-44 signed by Craig Ginsberg. (Glass B)
   Architectural Testing, Inc., Calverton, NY
   ASTM E330 ±60.0 psf design pressure
   ASTM E1886/E1996 Large Missile Impact Test, Level D, Wind Zone 4
   Cyclic Load Test, ±60.0 psf design pressure
6. Report No.: ESP040876P.3 signed by Brian S Escherich (Glass B)
   Element Materials Technology, Des Moines, IA
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±70.0psf
   Water penetration resistance: 10.66psf
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
   Cyclic Load Test, ±70.0psf design pressure
7. Anchor calculations with comparative analyses, report number 515274-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: Refer to approval drawing
- Panel size: Refer to approval drawing
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material Mahogany.

LUIS R. LOMAS
LICENSE
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Luis R. Lomas, P.E.
FL No.: 62514
07/28/2026

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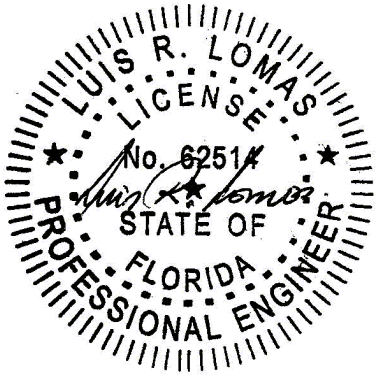
Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-03983, Revision A.
When the product herein is installed within 3000 ft. of saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

Certification of Independence:
Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



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