

# *L. Roberto Lomas P.E.*

1432 Woodford Rd.  
Lewisville, NC 27023  
434-688-0609  
[rlomas@lrlomaspe.com](mailto:rlomas@lrlomaspe.com)

## Engineering Evaluation Report

Report No.: 510357F

**Manufacturer:** Reilly Windows & Doors  
901 Burman Blvd.  
Building 701  
Calverton, New York 11933

**Product Line:** Series/Model Fixed Impact Window – Wood Picture Window

### **Compliance:**

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

**Product description:** Frame and sash were constructed of Mahogany members. Corners were square-cut and secured. Impact resistant.

### **Supporting Technical Documentation:**

1. Approval document: drawing number 08-00286, revision E, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 54258.01-122-18 signed and sealed by Steven M. Urlich P.E.  
Architectural Testing, Inc., York PA  
TAS 201 Large Missile Impact test  
TAS 202 Uniform Static Air Pressure,  $\pm 60$  psf design pressure, 9.00 Water test penetration  
TAS 203 Cyclic Pressure Loading,  $\pm 60.0$  psf design pressure
3. Test Report No.: 54258.02-122-18 signed and sealed by Steven M. Urlich P.E.  
Architectural Testing, Inc., York PA  
ASTM E1886/1996 Large Missile Impact Test. Level D, Wind Zone 4  
Cyclic Load Test,  $\pm 60.0$  psf design pressure
4. Anchor calculations report No. 510357-1 prepared, signed and sealed by L. Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Maximum design pressure  $\pm 60.0$  psf
- Frame size:  $95 \frac{3}{4} \times 47 \frac{3}{4}$ "
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is Impact resistant and does not require impact protection in wind borne debris region.
- Frame material to be Mahogany.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-00286 revision E.

### **Certification of Independence:**

Please note that I don't 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 don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

