

L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville, NC 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 513622A

Manufacturer: Viwinco, Inc.
Morgantown Business Park
P.O. Box 499
Morgantown, PA 19543

Product Line: Oceanview Casement Picture Window 72" x 72" - Impact

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(a). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02827, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: ATI-D1610.01-109-47 and ATI-D1610.02-109-47 signed and sealed by Michael D. Stremmel P.E.
Architectural Testing Inc., York, PA
AAMA 506
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 50.0 psf design pressure
Design pressure: ± 50.13 psf
Uniform Load Structural test Pressure: ± 75.19 psf
3. Report No.: ATI-78079.03-109-47 signed and sealed by Michael D. Stremmel P.E.
Architectural Testing Inc., York, PA
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 55.14 psf
Water penetration resistance 12.11psf
4. Anchor calculations, report number 513622-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 50.0 psf
- Maximum unit size: 72" x 72"
- Units must be glazed per ASTM E1300 see installation instructions for details
- 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 up to wind zone 3.
- Frame material to be rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02827.

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).

