

L. Roberto Lomas P.E.

208 7th Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 515183A

Manufacturer: Fenestar USA LLC
110 Jabez St., Suite 309
Newark, NJ 07105

Product Line: FS-56 1000i Fixed Window

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03936, revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 2858.01-106-11 signed and sealed by Michael D. Stremmel, P.E.
Molimo LLC, York, PA
TAS 201 / TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
3. Test report No.: 11023.02-106-13 signed and sealed by Michael D. Stremmel P.E.
Molimo Architectural Product Testing, York, PA.
TAS 201 / TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.19psf water penetration.
4. Test report No.: 27229.01-106-13 signed and sealed by Michael D. Stremmel, P.E.
Molimo LLC, York, PA
TAS 201 / TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure
5. Anchor calculations with comparative analysis, report number 515183-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Unit size: 92" x 124"
- 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 regions.
- Frame material to be Thermally Broken Steel.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03936, revision A.

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).

