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Engineering Evaluation Report

Report No.: 515185A

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

Product Line: FS-56 5200i Outswing Door

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03938, revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. 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.
3. 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
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 515185-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Panel size: 37 $\frac{1}{2}$ " x 106 $\frac{3}{4}$ "
- 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 regions.
- Frame material to be Thermally broken Steel.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03938, revision A.

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).

