

L. Roberto Lomas P.E.

208 7th Avenue
Indialantic, FL 32903
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 513064C

Manufacturer: LAS Enterprises
2413 L & A Rd
Metairie, LA 70001

Product Line: Series 4500 Fixed Casement Vinyl Window – Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02307 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No. NCTL 110-16958-1 signed and sealed by Robert H. Zeiders P.E.
National Certified Testing Laboratories, York, PA.
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 50.0 psf design pressure.
TAS 202
Uniform Static Air Pressure, ± 50.0 psf design pressure, 11.25psf water penetration.
3. Test report No. NCTL 110-16958-2 signed and sealed by Robert H. Zeiders P.E.
National Certified Testing Laboratories, York, PA.
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf design pressure
4. Report No. NCTL 110-16958-3, -4 & -5 signed and sealed by Robert H. Zeiders P.E.
National Certified Testing Laboratories, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.0 psf
Water penetration resistance 11.25psf
5. Anchor calculations, report number 513064-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 36"x72"
- 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 rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02307 Revision B.

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).

