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Engineering Evaluation Report

Report No.: 514797

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

Product Line: 4500 Fixed WeatherGard III Vinyl Window – 53" x 77" Impact - HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03677, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No. NCTL 110-16186-1 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 ± 70.0 psf design pressure.
TAS 202 Uniform Static Air Pressure, ± 70.0 psf design pressure, 11.25psf water penetration.
3. Test report No. NCTL 110-16186-2 signed and sealed by Robert H. Zeiders P.E.
National Certified Testing Laboratories, York, PA.
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 70.0 psf design pressure
4. Report No. NCTL 110-16186-3 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: ± 70.0 psf
Water penetration resistance 11.25psf
5. Anchor calculations, report number 514797-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 70.0 psf
- Unit size: 53" x 77"
- 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 08-03677.

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).

