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Engineering Evaluation Report

Report No.: 513023D

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

Product Line: 4100 Horizontal Slider WeatherGard III Vinyl Window – 74" X 63" Impact HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02276 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 110-16190-1 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, 7.5 psf water penetration.
3. Report No.: NCTL 110-16190-2 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. Test report No.: NCTL 110-16190-3 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: ± 50.0 psf
Water penetration resistance 7.5psf
5. Anchor calculations, report number 513023-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 74" x 63"
- 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 08-02276 Revision C.

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).

