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Engineering Evaluation Report

Report No.: 511834B

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

Product Line: Bahama Shutter - Large & Small Impact Rated

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01233 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No. ESP015496P, signed and sealed by Ramesh C. Patel, P.E.
Element Materials Technology, Wausau, WI
ASTM E330
Design Pressure: ±45.0psf
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±45.0psf design pressure (Single Mullled)
3. Test report No. ESP015496P-1, signed and sealed by Ramesh C. Patel, P.E.
Element Materials Technology, Wausau, WI
ASTM E330
Design Pressure: ±45.0psf
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±45.0psf design pressure (Twin Mullled)
4. Test report No. ESP014582P, signed and sealed by Ramesh C. Patel, P.E.
Element Materials Technology, Wausau, WI
ASTM E330
Design Pressure: ±50.0psf
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design pressure (Single panel)
5. Anchor calculations, report number 511834-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±45.0psf (Single Mullled and Twin Mullled)
±50.0psf (Single panel)
- Unit size: Single Mullled Shutter: 73" x 75 7/8"
Twin Mullled Shutter: 99" x 75 7/8"
Single Panel Shutter: 40" x 75 7/8"
- This product is not 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 Extruded Aluminum 6063-T6.
- Blade material to be Extruded Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01233 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).

