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Engineering Evaluation Report

Report No.: 511835C

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

Product Line: Colonial Shutter Bi-Fold and Standard – Large and Small Missile Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01234, revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: CTLA-2078W signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E330
Design pressure: ±50.0psf.
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design
3. Test report No.: CTLA-2078W-1 signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E330
Design pressure: ±50.0psf
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design
4. Anchor calculations, report number 511835-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±50.0psf
- Unit size: Standard Shutter: 42" x 84" (X/X)
 Bi-Fold Shutter: 76" x 77 5/8" (X/X/X/X)
- 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 and blade material to be Extruded Aluminum 6063-T6

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01234, 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).

