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Engineering Evaluation Report

Report No.: 515477B

Manufacturer: Endura Products
8817 West Market Street
Colfax, NC 27235

Product Line: MiraVista Folding Door System with Masonite Panels, 8'0" Impact, HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-04117, revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: ATLNC 0205.01-24 signed and sealed by David Wesley Johnson P.E.
American Test Lab, Inc. Brevard, NC
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 40.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 45.0 psf design pressure
Water penetration resistance 3.75psf
3. Anchor calculations and comparative analysis, report number 515477-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 40.0 psf
- Panel size: 35 $\frac{3}{4}$ " x 95 $\frac{1}{4}$ "
- 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 does not require impact protection in wind borne debris regions.
- Frame material: Wood.
- Approved configurations: 3L and 3R
- When installed in areas where water penetration resistance is required, an overhang with a 1:1 ratio is required.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04117, revision A.

When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

