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Engineering Evaluation Report

Report No.: 512641A

Manufacturer: Eastern Architectural Systems
16341 Domestic Ave.
Fort Myers, FL 33912

Product Line: Series HD2451 and Series HD2461 Impact Single Hung Window

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01933 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: CCLI-11-160 signed by Wesley Wilson.
Construction Consulting Laboratory, Carrollton, TX
ASTM E1886-05 and ASTM E1996-05
ASTM E1886/E 1996 Large Missile Impact Test, Level D, Wind Zone 4
ASTM E1886/E 1996 Cyclic Load Test ± 65.0 psf design pressure.
3. Test Report No.: CCLI-12-010 signed by Wesley Wilson.
Construction Consulting Laboratory, Carrollton, TX
AAMA/WDMA/CSA 101/I.S.2/A440-08
Design pressure: ± 65.0 psf
Water resistance: 9.75psf (achieved with add-on sill riser)
4. Anchor calculations, report number 512641-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 65.0 psf
- Maximum unit size: 44" x 84"
- Units must be glazed per ASTM E1300-04, refer to installation drawing for details.
- 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 rigid PVC.
- Add-on sill riser must be installed with this product.

Installation: Units must be installed in accordance with approval document, 08-01933 Revision A.

Certification of Independence: Please note that I don't 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 don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

