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Engineering Evaluation Report

Report No.: 515393

Manufacturer: Acadian Windows and Siding, LLC
119 Alpha Drive
Destrehan, LA 70047

Product Line: Acadian Windows Impact Series Single Hung 48" x 72"

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-04064, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: ESP 009376P-2R/010455P-2R signed and by Ramesh Patel, P.E.
Element Materials Technology, Wausau, WI
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.0 psf
Water resistance: 7.5psf
ASTM E1886 / E1996
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Load Test ± 50.0 psf design pressure.
3. Anchor calculations, report number 515393-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 48" x 72"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- 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.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04064.

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).

