

L. Roberto Lomas P.E.

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Clemmons, NC 27012
336-945-9695

Engineering Evaluation Report

Report No.: 510269A

Manufacturer: Vista Window Company (C.I.)
3850 Elm Rd
Warren, OH 44483

Product Approval: FL9301
Product Line: Series CP55 PVC Casement Picture Window – Impact resistant

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 9B-72.070 method 1(d). The product listed herein complies with the 2004 Florida Building Code with 2006 supplements.

Product description: Casement Picture Window, impact resistant made out of white rigid PVC with mitered and welded corners. Tested frame included flange and fin configurations.

Supporting Technical Documentation:

1. Approval document: drawing number FL 00199 Revision A, revised on 11/05/07 sheets 1 of 2, titled CP55 PVC Casement Picture Window, prepared, signed and sealed by L. Roberto Lomas P.E
2. Test report No.: ATI 73952.03-501-47, signed by Corey Eisenhut and Michael L. Mackereth
Architectural Testing Inc.
AAMA/WDMA/CSA 101/I.S.2/A440-05
Design pressure: ±50.0 psf
Water penetration resistance: 7.5 psf
3. Test report No.: ATI 55035.03-122-18, signed by Lynn George and Michael L. Mackereth
Architectural Testing Inc.
ASTM E 1886-02 and ASTM E 1996-02
ASTM E 1886/E 1996, Large Missile Impact test, Level D, Wind Zone 3
ASTM E 1886/E 1996, Cyclic Load Test, ±50 psf design pressure
4. Anchor calculations, report number 510276A, prepared, signed and sealed by L. Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±50 psf
- Maximum unit size: 72" x 72"
- Maximum D.L.O.: 65 ¾" x 65 ¾"
- Units must be glazed with 1" IGU consisting of: laminated outboard lite 3/16" Ann - .075 Solutia Saflex Interlayer – 3/16" Ann – Air – 3/16" Temp inboard lite; per ASTM E 1300-02.
- This product is not rated to be used in the HVHZ.
- This product does not require impact protection in areas where wind borne debris protection is required.
- Frame material to be white rigid PVC per N.O.A. 07-0208.07

Installation:

- Units must be installed in accordance with approval document, FL 00199 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).

