

L. Roberto Lomas P.E.

1432 Woodford Rd.
Clemmons, NC 27012
336-945-9695

Engineering Evaluation Report

Report No.: 510267A

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

Product Approval: FL9298-R1
Product Line: Series 4900 Vinyl Horizontal Sliding 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: Horizontal Sliding 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 00197 Revision A, revised on 11/05/07 sheets 1 of 2, titled 4900 Vinyl Horizontal Sliding Window, prepared, signed and sealed by L. Roberto Lomas P.E
2. Test report No.: 74569.02-501-47, signed by Michael Clay 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 70208.02-109-44, signed by Stephen D. Shank and Michael D. Stremmel P.E.
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 510274A, prepared, signed and sealed by L. Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±50 psf
- Maximum unit size: 63" x 44"
- Maximum D.L.O.: 28 1/2" x 39"
- Units must be glazed with 3/4" IGU consisting of: laminated inboard lite 1/8" Ann - .090 Solutia Saflex Interlayer – 1/8" Ann – Air – 1/8" Ann outboard lite; per ASTM E 1300-02.
- Approved configurations: OX and XO
- 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 00197 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).

