

*L. Roberto Lomas P.E.*

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## Engineering Evaluation Report

Report No.: 510268A

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

**Product Approval:** FL9299-R1  
**Product Line:** Series CA55WW PVC Casement 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 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 00198 Revision A, revised on 11/05/07 sheets 1 of 2, titled CA55WW PVC Casement Window, prepared, signed and sealed by L. Roberto Lomas P.E
2. Test report No.: ATI 73528.02-501-47, signed by Michael D. Stremmel P.E. and Michael L. Mackereth Architectural Testing Inc.  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure:  $\pm 50.0$  psf  
Water penetration resistance: 10.66 psf
3. Test report No.: ATI 54334.02-122-18, signed by John C. McClane 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 4  
ASTM E 1886/E 1996, Cyclic Load Test,  $\pm 50$  psf design pressure
4. Anchor calculations, report number 510275A, prepared, signed and sealed by L. Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Maximum design pressure:  $\pm 50$  psf
- Maximum unit size: 36" x 72"
- Maximum D.L.O.: 30" x 66"
- Units must be glazed with 1" IGU consisting of: laminated outboard lite 3/16" Ann - .090 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 00198 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).

