

*L. Roberto Lomas P.E.*

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

## Engineering Evaluation Report

Report No.: 510373

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

**Product Line:** Series 4700 PVC Single Hung 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:** Single Hung 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 00292, dated 10/30/07 sheets 1 of 2, titled 4700 PVC Single Hung Window, prepared, signed and sealed by L. Roberto Lomas P.E
2. Test report No.: 72842.03-501-47, signed by Michael Clay and Lynn George Architectural Testing Inc.  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure: ±50.0 psf
3. Test report No.: 76676.02-501-44, signed by James P. Grippo and Lynn George Architectural Testing Inc.  
ASTM E1886-02 and ASTM E1996-02  
ASTM E1886/E1996 Large Missile Impact test, Level D, Wind Zone 3  
ASTM E1886/E1996 Cyclic Load Test, ±50 psf design pressure
4. Anchor calculations, report number 510374, prepared, signed and sealed by L. Roberto Lomas P.E.

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

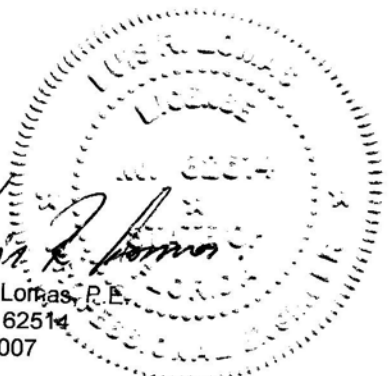
- Maximum design pressure: ±50 psf
- Maximum unit size: 52 1/8"x75 3/4"
- Maximum D.L.O.: 47"x33 1/2"
- Units must be glazed with 3/4" IGU consisting of: exterior panel 1/8" annealed – Air – laminated interior panel consisting of 1/8" annealed – 0.090 Solutia Saflex Interlayer – 1/8" annealed, per ASTM E 1300-02.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection.
- Frame material to be white rigid PVC

### **Installation:**

- Units must be installed in accordance with approval document, FL 00292.

### **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).

  
Luis R. Lomas, P.E.  
FL No.: 62514  
11/19/2007