

*L. Roberto Lomas P.E.*

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

## Engineering Evaluation Report

Report No.: 510266A

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

**Product Approval:** FL9296-R1  
**Product Line:** Series 4720 PVC 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:** 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 00196 Revision A, revised on 11/05/07 sheets 1 of 2, titled 4720 PVC Picture Window, prepared, signed and sealed by L. Roberto Lomas P.E
2. Test report No.: ATI 74610.02-501-47, signed by Joseph E. Allison and Michael L. Mackereth  
Architectural Testing Inc.  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure: ±50.0 psf
3. Test report No.: ATI 74844.02-501-44, signed by Michael Clay 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 510273A, prepared, signed and sealed by L. Roberto Lomas P.E.

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

- Maximum design pressure: ±50 psf
- Maximum unit size: 52" x 75 3/4"
- Maximum D.L.O.: 47" x 70 3/4"
- Units must be glazed with 3/4" IGU consisting of: laminated inboard lite 5/32" Ann - .090 SGP – 5/32" Ann – Air – 1/8" Ann outboard 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 00196 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).

