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## Engineering Evaluation Report

**Report No.: 511139-1E**

**Manufacturer:** ViWinTech Windows and Doors  
2400 Irvin Cobb Dr.  
Paducah, KY 42003-0588

**Product Line:** SL 3100 i PW 7872 Shoreline Picture Window 3100 (78x72) Impact HVHZ

### **Compliance:**

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the Florida Building Code.

### **Supporting Technical Documentation:**

1. Approval document: drawing number 08-00204 Revision E, prepared, signed and sealed by L. Roberto Lomas P.E.
2. Report No.: NCTL 110-10728-24, signed by Robert H. Zeiders, P.E.  
National Certified Testing Laboratories, York, PA.  
AAMA/WDMA/CSA 101/I.S.2/A440-05 (Flange installation)  
Design pressure:  $\pm 60.0$ psf  
Water penetration resistance 9.0psf
3. Report No.: NCTL 110-10728-25, signed by Robert H. Zeiders, P.E.  
National Certified Testing Laboratories, York, PA.  
AAMA/WDMA/CSA 101/I.S.2/A440-05 (Fin installation)  
Design pressure:  $\pm 60.0$ psf  
Water penetration resistance 9.0psf
4. Report No.: NCTL 110-10728-26, signed by Robert H. Zeiders, P.E.  
National Certified Testing Laboratories, York, PA.  
AAMA/WDMA/CSA 101/I.S.2/A440-05 (Flush installation)  
Design pressure:  $\pm 60.0$ psf  
Water penetration resistance 9.0psf
5. Report No.: NCTL 110-10728-27, signed by Robert H. Zeiders, P.E.  
National Certified Testing Laboratories, York, PA.  
Flange, fin and flush installation  
TAS 201-94 Large Missile Impact Test  
TAS 202-94 Uniform Static Air Pressure,  $\pm 60.0$ psf design pressure, 9.0psf water penetration.  
TAS 203-94 Cyclic Pressure loading  $\pm 60.0$ psf design pressure
6. Anchor calculations, report number 511140-1, prepared, signed and sealed by L. Roberto Lomas P.E.

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

- Maximum design pressure:  $\pm 60.0$ psf
- Maximum unit size: 78" x 72"
- Units must be glazed per ASTM E1300-04, refer to approval document for glazing details.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid PVC.

**Installation:** Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00204, Revision E.

**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).

