

# Engineering Evaluation Report

**Prepared by:**

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**Manufacturer:**

WinDoor Incorporated  
104 Triple Diamond Blvd.  
North Venice, FL 34275  
(833) 554-5432

**Product Description:**

9400 Series Thermally Broken Aluminum LMI HVHZ Single Hung Window – FL17820

**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 61 G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

**Supporting Technical Documentation:**

1. Approval Document: drawing number 9400 LMI HVHZ, signed and sealed by A. Lynn Miller, P.E.
2. Test Report No.:
  - a. NCTL 210-3983-01 signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
TAS 201-94, TAS 202-94, TAS 203-94
  - b. NCTL 210-3983-1A signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440-08, ASTM E1886-05, ASTM E1996-05/09
  - c. NCTL 210-3983-1B signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440-08, ASTM E1886-05, ASTM E1996-05/09
  - d. NCTL 210-3983-1C signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
TAS 201-94, TAS 202-94, TAS 203-94
  - e. NCTL 210-3983-2 signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
TAS 201-94, TAS 202-94, TAS 203-94
  - f. NCTL 210-3983-2A signed and sealed by Gerard J. Ferrara, P.E.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440-08, ASTM E1886-05, ASTM E1996-05/09
3. Anchor Calculations and Comparative Analysis, report number LM Calcs, prepared, signed and sealed by Lucas Turner, P.E.
4. Anchor Calculations, report number SH9400 Anchor Calculations, prepared, signed and sealed by A. Lynn Miller, P.E.

**Limitations and Conditions of use:**

- Units must be glazed per ASTM E1300-04/09, 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
- Frame material to be extruded aluminum 6063-T6.
- Units must be installed in accordance with Approval Document, 9400 LMI HVHZ.



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