

Engineering Evaluation Report # 450LM-122022

Prepared by:

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Manufacturer:

WinDoor Inc.
104 Triple Diamond Blvd
N. Venice, FL 34275

Product Description:

FD450A Series Impact-resistant Aluminum French Door, PW/Sidelite and Transom, (LM & SM); FL Approval #29783

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.

This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).

Supporting Technical Documentation:

1. Approval document: drawing number 450FPA-LM-1, signed and sealed by A. Lynn Miller, P.E.
2. Test Report Nos. HTL-0080-0304-11, 0080-0902-11, 0080-912-97 (97055), 0080-0402-02 (01071) signed and sealed by Vinu J. Abraham, P.E.; Hurricane Testing Laboratories

Test report Nos. CTLA-3056WA thru C signed and sealed by Ramesh C. Patel, P.E.; Certified Testing Laboratories

Test report Nos. ATI-B5234.03-450-18 signed and sealed by Vinu J. Abraham, P.E.; Architectural Testing Inc.

TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure Test
TAS 203-94 Cyclic Pressure Loading Test

3. Calculations, signed and sealed by Javad Ahmad, P.E. dated 10/27/14, 8/27/15 & 6/29/12A. Calculations, signed and sealed by Lynn Miller, P.E., dated 3/26/20, 6/20/20 & 7/17/20.

4. Miami-Dade RER Product Control Section NOA's; Various interlayers as noted.

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-09, 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 regions.
- Frame and panel material to be extruded Aluminum.
- Units must be installed in accordance with approval document.

