

ENGINEER'S PRODUCT EVALUATION REPORT FLORIDA BUILDING CODE COMPLIANCE (HVHZ)

Product Category	Exterior Swinging Doors	
Product Name	Outswing Glazed Wood Door	
Design Pressure	+70 psf, -70 psf	
Impact Resistance	Large Missile Impact Resistant	
Product Manufacturer	Exclusive Wood Doors, Inc. 1950 NW 70 th Ave., Miami, FL 33126 (305) 477-7140	
Report No.	EWD-2160205-Eval	Rev No: 1
Report Date	02/05/2016	Rev Date: 03/20/2016
Code Reference	Florida Building Code, Including HVHZ (Current Edition)	
Evaluating Engineer	Emma T. Mellinger, P.E. Category 5 Engineering Services, Inc.	

SCOPE OF EVALUATION AND STATEMENT OF CODE COMPLIANCE

This Product Evaluation Report is issued in accordance with the requirements of Florida Administrative Code Rule 61G20-3 for Optional Statewide Product Approval. The above-referenced product has been tested and evaluated as described herein, and found to be **in compliance with the current edition of the Florida Building Code, including HVHZ**. The above-referenced product is, for the purpose intended, at least equivalent to that required by the Code.

PRODUCT DESCRIPTION

Product is a stile and rail construction solid wood out-swinging door made from Brazilian Mahogany, or Tropical Walnut woods. Stiles and rails are 1 3/4" thick, and are joined with 5/8" x 5" wood dowels. Glazed door contains glazing and optional solid wood panels. Product and allowable configurations are shown in detail in the Approval and Installation Drawing "EWD-2160205-Install."

SUBSTANTIATING DATA

The following documents substantiate the evaluation contained in this report:

- **Miami-Dade County Notice of Acceptance** for Exclusive Wood Doors Glazed Outswing Wood Doors (NOA #15-0413.12).
- **Miami-Dade County Notice of Acceptance** for Saflex Laminate Interlayer (NOA #15-1201.11).
- **Test Reports** (Certified Testing Laboratories, Inc. Reports No. CTLA-2016W, CTLA-836W, CTLA-836W1, and CTLA-836W2 for tests TAS 201, 202, 203).
- **Anchor Calculations** (technical report "EWD-2160205-Anchors," prepared, signed and sealed by Emma T. Mellinger, P.E.).

- **Glazing Calculations per ASTM E1300** (technical report “EWD-2160205-Glass,” prepared, signed and sealed by Emma T. Mellinger, P.E.).
- **Approval and Installation Drawing** (drawing “EWD-2160205-Install” prepared, signed and sealed by Emma T. Mellinger, P.E.).

INSTALLATION

Product shall be installed in accordance with the Approval and Installation Drawing “EWD-2160205-Install” prepared, signed and sealed by Emma T Mellinger, P.E.

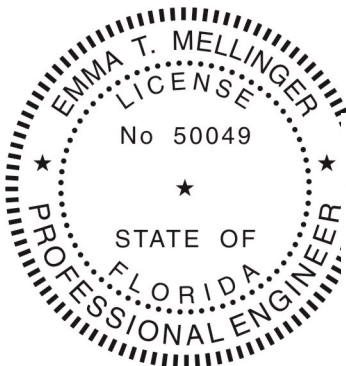
LIMITATIONS AND CONDITIONS OF USE

Use of the above-referenced product shall be in strict accordance with this Evaluation Report and the Approval and Installation Drawing “EWD-2160205-Install.” For all other conditions, a site specific design shall be prepared by a Florida-registered Professional Engineer.

- Product meets requirements for the High Velocity Hurricane Zone (HVHZ).
- Maximum Tested Frame Size: 74 1/4” x 122”
- Maximum Daylight Opening: 24” x 104”
- Maximum Design Pressures: +70 psf, -70 psf
- Water Resistance Test Pressure: 10.5 psf
- Product is rated Large Missile Impact Resistant (HVHZ, Wind Zone 4, Missile Level D).

ENGINEER’S STATEMENT OF FINANCIAL INDEPENDENCE

This statement certifies that Emma T. Mellinger, P.E. does not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Emma T. Mellinger, P.E. does not have nor will acquire a financial interest in any other entity involved in the approval process of the referenced product(s).



A handwritten signature in black ink, appearing to be "ETM", written over a horizontal line.

Digitally signed
by Emma T.
Mellinger, P.E.
FL50049
Date: 2016.03.20
06:29:10 -04'00'

Emma T. Mellinger, P.E.
PE 50049
02/05/2016