

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: HOELSCHER NON-IMPACT DOUBLE GLAZED WOOD DOOR

MANUFACTURER: HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

To all concerned,

The Hoelscher Non-Impact Double Glazed Wood Doors, manufactured by Hoelscher Weatherstrip Mfg, Inc. are pairs of inswing or outswing glazed mahogany or knotty alder wood doors set in a wood frame. The door has been tested per ASTM E 330-02 by Architectural Testing, Inc. with results shown in test reports B6932.01-801-44, C2287.01-801-44, C2288.01-801-44, C6543.01-801-44, I6440.01-801-44R2, and I9278.02-801-44R2. I have reviewed ASTM E330-02 and have determined that for this product it is equivalent to ASTM E330-14 (2021).

Technical Documentation:

1. Drawing "HWM-2", dated 10/14/23, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above Architectural Testing, Inc. signed and sealed by Shawn Collins, PE or Vinu Abraham, PE.
3. Supplemental Calculations to support "HWM-2", signed and sealed by Scott Wolters, PE

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 8th Edition (2023) Florida Building Code generally, and chapters 10, 11, 16, 23, and 24 specifically, for use outside of the HVHZ.

Limitations: This door system is not impact resistant. An impact resistant shutter system is required in Windborne Debris Regions.

Overall Dimensions:

Maximum frame size:	74 3/4" x 97 3/4"
Maximum design pressure:	+/- 50 psf (with Mutins) +/- 60.15 psf (no Mutins)
Maximum DLO:	20 5/8" x 66 1/8"

Glass: 11/16" Insulated
1/8" Tempered
7/16" Air Space (Alum. Spacer)
1/8" Tempered

Lock Options: Kwikset 800CE Deadbolt and Deadlatch
Schlage F58 Deadbolt and Deadlatch

Flush Bolts: Cal-Royal ULFB634 – (2) at inactive leaf

Surface Bolts: Deltana 12SB26D – (2) at active leaf and (2) at inactive leaf

Hinges: SGS Hardware 158 Series (4 per Leaf)

If you have any questions or need more information concerning this approval please contact me.

Thank you,

