

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: HOELSCHER NON-IMPACT SINGLE WOOD PANEL DOOR,
WITH OPTIONAL SPEAK-EASY or IN-SET GLASS PANELS

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

To all concerned,

The Hoelscher Non-Impact Single Wood Panel Doors, manufactured by Hoelscher Weatherstrip Mfg, Inc. are single inswing or outswing mahogany or knotty alder wood doors set in a wood frame, with optional speak-easy or in-set glass panels. The doors have been tested per ASTM E 330-02 by Architectural Testing, Inc. with results shown in test reports A7368.01 thru 04-801-44, B6932.01-801-44, C2287.01-801-44, C4570.01-801-44, C4685.01-801-44, C2288.01-801-44, E6695.01-801-44, E6698.01-801-44, and by Intertek B&C with results shown in test reports I9154.02-801-44, J7874.01-801-44, J7875.01-801-44, J0896.02-801-44R2, J1218.01-801-44R1, J1219.01-801-44R3, J2622.01-801-44R3, J7976.01-801-44, K8218.01-801-44, and K8224.01-801-44. 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-3", dated 10/14/23, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, Inc. or by Intertek B&C, signed and sealed by Shawn Collins, PE or Vinu Abraham, PE.
3. Supplemental Calculations to support "HWM-3" drawing, 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:	43 3/4" x 97 3/4"
Maximum design pressure:	Varies – See Elevations and Hardware Schedule on Sheets 1-2 of Installation Drawings
Maximum speak-easy DLO:	5 7/8" x 7 1/16"
Maximum in-set glass DLO:	9" x 76 1/4"

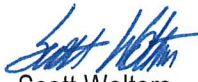
Glass: 5/8" Insulated
 1/8" Tempered
 3/8" Air Space (Alum. Spacer)
 1/8" Tempered

Lock and Hinge Options:

HARDWARE SCHEDULE			
LOCKS			
STRIKE PLATES	APPROVED LOCKSETS	MAX. DOOR SIZE (in)	MAX DESIGN PRESSURE (psf)
STANDARD STRIKE PLATES	KWIKSET 800 CE	42" x 96"	+40.6/-53.2
		36" x 96"	+/- 60.15
		36" x 80"	+/- 65.16
	KWIKSET 687DA	42" x 96"	+40.6/-53.2
	SCHLAGE JH58	42" x 96"	+40.6/-53.2
STANDARD STRIKE PLATES WITH STEEL SECURITY PLATE (SEE DETAIL 5A/5)	KWIKSET 800 CE	42" x 96"	+54.8/-71.3
		36" x 96"	+60.15/-71.3
		36" x 80"	+65.16/-71.3
	KWIKSET 687DA	42" x 96"	+54.8/-71.3
	SCHLAGE JH58	42" x 96"	+54.8/-71.3
HINGES			
APPROVED HINGES		MAX. DOOR SIZE (in)	MAX DESIGN PRESSURE (psf)
SGS HARDWARE 158 SERIES - (4) PER LEAF		42" x 96"	+54.8/-71.3
		36" x 80"	+65.16/-71.3
SGS HARDWARE 158 SERIES - (3) PER LEAF		36" x 96"	+/-50.13
		36" x 80"	+/- 65.16

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

Thank you,


 Scott Wolters
 FL PE# 62354
 OCT 14 2023

