

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: FF70 SERIES GLAZED STEEL FOUR-FOLD DOOR

MANUFACTURER: DOOR ENGINEERING & MANUFACTURING, INC.
101 POWER DRIVE
MANKATO, MN 56001

To all concerned,

The FF70 Series Glazed Steel Four-Fold Door System, manufactured by Door Engineering & Manufacturing Inc, is a glazed steel bi-fold door set in and steel frame. The door has been tested per TAS 201, TAS 202 (Structural only), TAS 203, ASTM E330, ASTM E1886, and ASTM E1996 for Level D and Level E Large and Small Missile Impact Resistance by Intertek B&C, with results shown in test report S1406.01-201-44 and S7589.01-201-18-R1.

Technical Documentation:

1. Drawing "FF70-LMI" dated 9/5/25 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C, signed and sealed by Tanya Dolby, PE.
3. Supplemental Calculations to support "FF70-LMI", 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, 22, and 24 specifically, including the HVHZ provisions.

Limitations: This door system is approved for use inside and outside of the HVHZ. It is Level D (Glass Type 1) and Level E (Glass Type 2 and Opaque) Large and Small Missile Impact Resistant. Shutters are not required.

<u>Overall Dimensions:</u>	Maximum Frame Width:	216 1/4" (Jamb angles out) 204 15/16" (Jamb angles in)
	Maximum Frame Height	199 3/4"
	Maximum Panel Size:	47 3/4" x 192 1/8"
	Maximum Glass Size (DLO):	35" x 117 1/2"
	Maximum Design Pressure:	+/- 65 psf

This door system is not tested or rated for water infiltration resistance. It is intended for use only in locations where water infiltration resistance is not required, or where it is protected by an overhang meeting the requirements of FBC Section 1709.5.1.

Glass: Glass Type 1: 9/16" Laminated (LMI – Level D)
1/4" Heat Strengthened
0.090" SentryGlas Interlayer (NOA# 23-0717.30)
1/4" Heat Strengthened

Glass Type 2: 5/8" Laminated (LMI – Level E)
1/4" Heat Strengthened
0.180" SentryGlas Interlayer (NOA# 23-0717.30)
1/4" Heat Strengthened

Locks: Manufacturer's SS "Cane Bolt" Surface Mounted Locks at threshold at Bi-Fold Stiles and Meeting Stiles.

Hinges: Manufacturer's Standard T-Hinge (3 per leaf) at jambs
Manufacturer's Standard Bi-Fold Hinge (3 per leaf) at Bi-Fold Stiles

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

Thank you,


Scott Wolters
FL PE# 62354
SEP 08 2025

