

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: MULTIVI 66Z SERIES GLAZED WOOD OUTSWING DOORS

MANUFACTURER: MULTIVI S.A. DE C.V.
CARRIL DE SAN CRISTOBAL, 134-A
PARK INDUSTRIAL CHACHAPA
AMAZOC DE MOTA, PUEBLA, MEXICO 72990

To all concerned,

The Multivi 66Z Series Glazed Wood Outswing Doors, manufactured by Multivi S.A. De C.V, is a glazed wood outswing door or pair of doors, set in a wood frame with an aluminum threshold. Both the doors and frames are made from American Oak (S.G.=0.68 min). The doors have been tested per TAS 202, ASTM E1886-13a, and ASTM E1996-14a (Wind Zone 3, Missile D) by Intertek B&C, with results shown in test report N6403.06-450-18.

Technical Documentation:

1. Drawing "66ZD-WZ3", dated 10/18/24 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Intertek B&C, signed and sealed by Tonya Dolby, PE.
3. Supplemental calculations to support "66ZD-WZ3", 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 High Velocity Hurricane Zone.

Limitations: This door is approved for use outside of the HVHZ. It is large and small missile impact resistant for Wind Zones 3 or less. An impact resistant shutter system is required in Wind Zone 4.

<u>Overall Dimensions:</u>	Max Frame Width:	70 7/8"
	Max Frame Height:	86 5/8"
	Max Panel Width:	34"
	Max Panel Height:	84 19/32"
	Max Design Pressure:	+/- 32 psf

Glazing:

9/16" Monolithic Laminated
1/4" Heat Strengthened
0.090" Sentryglas Interlayer*
1/4" Heat Strengthened

Max DLO = 26 17/32" x 77 5/32"

* The 0.090" Sentryglas Interlayer is manufactured by Kuraray America,
per NOA# 23-0717.30.

Locking Hardware:

Active Leaf - Manufacturer's Standard Multi-Point Lock
Inactive Leaf - Manufacturer's Standard surface mounted flush bolts at
head and sill.

Hinges:

Maco Multi Power Corner Hinges.
(See Bill of Materials in 66ZD-WZ3 for more information)

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

Thank you,


Scott Wolters
FL PE# 62354
OCT 18 2024

