WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N
West Palm Beach, FL 33412
Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT: JS SERIES OUTSWING GLAZED WOOD DOORS

MANUFACTURER: MQ WINDOW AND DOOR
1855 GRIFFEN ROAD, SUITE A-274
DANIA BEACH, FL 33412

To all concerned,

The MQ JS Series Outswing Glazed Wood Door, manufactured by MQ Window and Door, is a glazed mahogany door (X or XX) set in a mahogany frame. The doors have been tested per TAS 201, 202, and 203 by Hurricane Test Lab, Inc. with results shown in test reports 0118-0702-99, 0118-1103-98, 0118-1006-98, 0118-1218-98, and 0118-0204.03.

Technical Documentation:

1. Drawing "JS-4-OUT", signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Hurricane Test Lab, Inc. signed and sealed by Vinu Abraham, PE or Timothy Marshall, PE.
3. Supplemental calculations to support "JS-4-OUT", 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 5th Edition (2014) Florida Building Code generally, and chapters 10, 11, 16, 23, and 24 specifically, including the HVHZ provisions.

Limitations: This door is approved for use inside and outside of the HVHZ. It is large and small impact resistant. Shutters are not required.

Overall Dimensions:

Maximum Frame Height:	Varies – See elevations on Sheets 1-3.
Maximum Frame Width:	Varies – See elevations on Sheets 1-3.
Maximum Design Pressure:	Varies – See elevations on Sheets 1-3.

Glazing Options:

7/16" Monolithic Laminated
3/16" Annealed
0.090" PVB Interlayer*
3/16" Heat Strengthened

7/16" Monolithic Laminated
3/16" Heat Strengthened
0.090" PVB Interlayer*
3/16" Heat Strengthened

1" Insulated Laminated
3/16" Annealed
0.090" PVB Interlayer*
3/16" Heat Strengthened
3/8" Air Space
5/32" Annealed

1 ¾" Solid Mahogany Wood Panel
(Tapers to 5/8" at frame)

1 3/8" Veneered MDF Wood Panel (Tapers to 1" at frame)

* The 0.090" PVB Interlayer is Saflex IIIG manufactured by Eastman Chemical, per NOA# 15-1201.11.

Locks:

Ferco Multi-point lock system
Part #'s G-20755 corner gear
6-26295 steel intermediate arm
6-25485 steel mechanism
6-26076 steel lever
833856 bronze keeper

Hinges:

Jardinier Massard S.A 1488-03 painted steel hinges
(See elevations for spacing)

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

Thank you,

Scott Wolters
FL PE# 62354

JUN 15 2016

SCOTT WOLTERS
LICENSE
No 62354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER