

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: JS SERIES OUTSWING WOOD WINDOWS

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

To all concerned,

The MQ JS Series Inswing Wood Window, manufactured by MQ Window and Door, is a glazed wood casement window set in a wood frame. The window has 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 (#s 1, 2, 3, & 7), 0118-1006-98, 0118-1218-98, and 0118-0204.03.

Technical Documentation:

1. Drawing "JS-3-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-3-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 window 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 1-2.
Maximum Frame Width:	Varies – See elevations on Sheets 1-2.
Maximum Design Pressure:	Varies – See elevations on Sheets 1-2.

Glazing Options:

7/16" Monolithic Laminated
3/16" Annealed
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

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

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

1 3/4" Solid Mahogany Wood Panel
(Tapers to 5/8" at frame)

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

Locks:

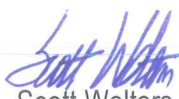
Ferco Multi-point lock system
Part #'s G-20755 corner gear
6-26295 steel intermediate arm
6-25485 steel mechanism
6-26076 steel lever
833856 bronze keeper

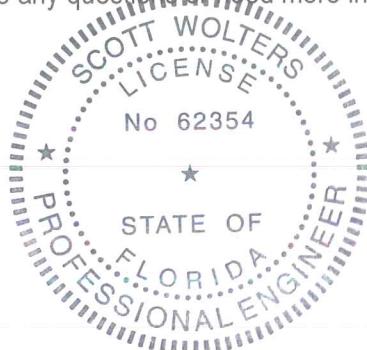
Hinges:

Jardinier Massard S.A 1488-03 painted steel hinges

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

Thank you,


Scott Wolters
FL PE# 62354
MAY 09 2016



Certificate of Independence:

I do not have, and will not acquire, a financial interest in MQ Windows or with any of their representative engineers. I also do not have, and will not acquire, a financial interest in Hurricane Test Lab LLC, Architectural Testing, Inc, and ATI-Intertek, or with Vinu Abraham, PE or Timothy Marshall, PE.