

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: JS SERIES TILT & TURN IN-SWING WOOD WINDOWS

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

To all concerned,

The MQ JS Series Tilt & Turn Inswing Wood Window, manufactured by MQ Window and Door, is a dual action glazed wood casement window (single or double sash) 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 report G118-1108-06.

Technical Documentation:

1. Drawing "JS-TT-1", signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Hurricane Test Lab, Inc. signed and sealed by Vinu Abraham, PE.
3. Supplemental calculations to support "JS-TT-1", 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, 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 Sheet 1.
Maximum Frame Width:	Varies – See Elevations on Sheet 1.
Maximum Design Pressure:	+65 / -85 psf for Single Casements +60 / -70 psf for Double Casements

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

3/8" Monolithic Laminated

5/32" Annealed

0.075" Saflex CP Interlayer+

5/32" Annealed

1" Insulated Laminated

5/32" Annealed

0.075" SaflexCP Interlayer+

5/32" Annealed

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

7/16" Air Space

5/32" Annealed

* The 0.090" PVB Interlayer (Clear or Color) is manufactured by Eastman Chemical, per NOA# 15-1201.11.

+ The 0.075" Saflex CP Interlayer (with PET Core) is manufactured by Eastman Chemical, per NOA# 14-0423.15

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

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

Thank you,


Scott Wolters
FL PE# 62354
APR 11 2017

