

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: S200 SERIES SINGLE HUNG WOOD WINDOWS

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

To all concerned,

The MQ S200 Series Single Hung Wood Window, manufactured by MQ Window and Door, has been tested per TAS 201, 202, and 203 by Hurricane Test Lab, Inc. with results shown in test reports 0118-0911-07, G118-0202-05, G118-0705-05, 0118-1215-03, and G118-0816-04.

Technical Documentation:

1. Drawing "W06-11", 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 "W06-11", 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 Width:	57 5/16 in.
Maximum Frame Height:	108 1/4 in.
Maximum Design Pressure:	+60/-70 psf

Glazing Options:

3/8" Monolithic Laminated

5/32" Annealed

0.090" PVB Interlayer*

5/32" Annealed

3/8" Monolithic Laminated

5/32" Annealed

0.075" Saflex CP Interlayer**

5/32" Annealed

1" Insulated Laminated

5/32" Annealed

0.090" PVB Interlayer*

5/32" Annealed

7/16" Air Space

5/32" Annealed

1" Insulated Laminated

5/32" Annealed

0.075" Saflex CP
Interlayer**

5/32" Annealed

3/8" Air Space

5/32" Annealed

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

** The 0.075" Saflex CP Interlayer is manufactured by Eastman Chemical per NOA# 14-0423.15.

Hardware:

Locks:

LKF18 Bronze Cam Lock, (2) per Window.

Balance Option:

S400 Block & Tackle Balance (Balance Systems, Inc.)

Counterweight Option:

SP250BBRE Bronze Pulley

#45 Flat Chain

Steel Counterweight

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

Thank you,


Scott Wolters

FL PE# 62354

OCT 20 2016

