

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: MQ LIFT AND SLIDE WOOD SLIDING GLASS DOORS

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

To all concerned,

The MQ Lift and Slide Wood Sliding Glass Door, manufactured by MQ Window and Door, is a multi-panel glazed mahogany door 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 report 0118-1002-07.

Technical Documentation:

1. Drawing "MQ-LSD-M1", 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 "MQ-LSD-M1", 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:	126" with sill option A (wood) 126 9/16" with sill option B (alum. over wood) 125 11/16" with sill option C (fiberglass)
Maximum Frame Width:	Varies – See elevations on Sheets 1-5.
Maximum Design Pressure:	+50 / -60 psf

Glazing Options:

7/16" Monolithic Laminated

3/16" Annealed

0.075" Saflex CP Interlayer*

3/16" Annealed

7/16" Monolithic Laminated

3/16" Heat Strengthened

0.075" Saflex CP Interlayer*

3/16" Heat Strengthened

1" Insulated Laminated

3/16" Annealed

0.075" Saflex CP Interlayer*

3/16" Annealed

3/8" Air Space

3/16" Tempered

1" Insulated Laminated

3/16" Heat Strengthened

0.075" Saflex CP Interlayer*

3/16" Heat Strengthened

3/8" Air Space

3/16" Tempered

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

Lift & Slide Hardware:

Ferco GU-937 Lift & Slide with
K-13265 Handle

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

Thank you,


Scott Wolters
FL PE# 62354
AUG 25 2016

