

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: LUXBAUM DIRECT GLAZED WOOD FIXED WINDOWS

MANUFACTURER: LUXBAUM WINDOWS & DOORS
2400 CENTREPARK WEST DRIVE, SUITE 150
WEST PALM BEACH, FL 33409

To all concerned,

The Luxbaum Direct Glazed Wood Fixed Windows , manufactured by Luxbaum Windows & Doors, is a glazed wood window system with steel reinforced mullions. The system has been tested per TAS 201, 202, and 203 by Intertek, Inc. with results shown in test report H6254.02-450-18 R0.

Technical Documentation:

1. Drawing "DIRECT GLAZED", signed and sealed by Scott Wolters, PE.
2. Intertek test report H6254.02-450-18 R0, signed and sealed by Vinu Abraham, PE.
3. Supplemental calculations to support "DIRECT GLAZED", 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 6th Edition (2017) Florida Building Code generally, and chapters 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:	138 in
Maximum Frame Width:	Unlimited
Maximum Panel Width:	80 in
Maximum Design Pressure:	+51/-60 psf

Glazing Options:

1 3/8" Insulated Laminated
1/4" Heat Strengthened
0.180" Sentryglas Interlayer+
1/4" Heat Strengthened
1/2" Air Space
3/16" Tempered

3/4" (min) RTD Plywood

* I have evaluated the SentryGlas interlayer (NOA# 14-0916.11) referenced above and find that it complies with the requirements of the 6th Edition (2017) Florida Building Code for use in this product.

Mullion Reinforcing: 1/2" x 5" Steel, Length = Frame Height - 8".

Frame Anchors: See Sheet 3 for fastener information.

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

Thank you,


Scott Wolters
FL PE# 62354
DEC 14 2017

