

# WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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## PRODUCT EVALUATION

PRODUCT: LUXBAUM DOUBLE HUNG WOOD WINDOWS

MANUFACTURER: LUXBAUM WINDOWS & DOORS  
1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407

To all concerned,

The Luxbaum Double Hung Wood Window, manufactured by Luxbaum Windows & Doors, is a glazed wood 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 0271-0304-07.

### Technical Documentation:

1. Drawing "DOUBLE HUNG", signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Hurricane Test Lab, Inc. signed and sealed by Vinu Abraham, PE.
3. Supplemental calculations to support "DOUBLE HUNG", 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 5<sup>th</sup> 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. The window is limited as detailed in drawing "DOUBLE HUNG"

|                            |                          |                                                                   |
|----------------------------|--------------------------|-------------------------------------------------------------------|
| <u>Overall Dimensions:</u> | Maximum Frame Height:    | 108" (Single)<br>168" (With Transom)                              |
|                            | Maximum Frame Width:     | 62" (Single – windows can be mulled together in unlimited widths) |
|                            | Maximum Design Pressure: | +/- 75 psf                                                        |

Glazing Options:

1 1/8" Insulated Laminated  
3/16" Heat Strengthened  
0.090" SentryGlas Interlayer  
3/16" Heat Strengthened  
1/2" Air Space  
3/16" Tempered

9/16" Monolithic Laminated  
1/4" Heat Strengthened  
0.090" SentryGlas Interlayer  
1/4" Heat Strengthened

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

Thank you,

  
Scott Wolters  
FL PE# 62354  
OCT 30 2015

