

# WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97<sup>TH</sup> Road N  
West Palm Beach, FL 33412  
Ph/Fx: (561) 225-1982

## PRODUCT EVALUATION

PRODUCT: PORTILLO SERIES SWING DOORS

MANUFACTURER: LAG DESIGN OF FLORIDA  
3850 BYRON DRIVE, #1  
RIVIERA BEACH, FL 33404

To all concerned,

The Portillo Series Swing Door, manufactured by Lag Design of Florida, is a wood or wood and glass door or pair of doors set in a wood frame. Both in-swing and out-swing doors have been tested per Florida Building Code protocols TAS 201, TAS 202, and TAS 203 by Architectural Testing Inc (West Palm Beach), with results shown in test report #B3858.01-450-18.

### Technical Documentation:

1. Portillo Series Swing Door Drawings (#002), signed and sealed by Scott Wolters, PE.
2. Test Report B3858.01-450-18 from Architectural Testing, Inc. (West Palm Beach), signed and sealed by Vinu Abraham, PE.
3. Portillo Series Swing Door Calculations, 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:

#### Overall Dimensions:

Maximum frame size:	75" x 98"
Maximum design pressure:	+/- 65 psf
Maximum door opening:	72" x 96"
Maximum glass size:	25" x 81"

Glass Type:

7/16" Safety Plus II Laminated Glass:

3/16" Annealed

0.090" Safety-Plus II Polyam Interlayer (NOA# 13-0909.10)\*  
with PET film at perimeter

3/16" Annealed

\* I have evaluated the Safety-Plus II interlayer, manufactured by Polymer Extrusion Technology Inc. (dba Glasslam), in the NOA referenced above and find that it complies with the requirements of the 5<sup>th</sup> Edition (2014) Florida Building Code for use in this product.

Lock Options:

Active Leaf Option 1:

Schlage or Emtek door knob (36" above Floor)

Schlage or Emtek deadbolt (48" above Floor)

Florida Impact Door Systems "Stormbolt" Flush Bolts (Head and Sill).

Active Leaf Option 2:

GU "Wolverine" 3-point locking system.

In-Active Leaf Option 1:

Deltana Stainless Steel Flush Bolts. (Head and Sill)

In-Active Leaf Option 2:

Deltana Brass 12" Extension Flush Bolts. (Head and Sill)

Note – All Flush Bolts and 3-Point lock bolts use Aluminum Strike Plates.

Hinges: Deltana Brass Hinges (4 per Leaf)

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

Thank you,

  
Scott Wolters  
FL PE# 62354  
AUG 29 2015

