

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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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 7th Edition (2020) 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" (Pairs) 39" x 98" (Singles)
Maximum design pressure:	+/- 65 psf
Maximum door opening:	72" x 96" (Pairs) 36" x 96" (Singles)
Maximum glass size:	25" x 81"

Glass Type:

7/16" Safety Plus II Laminated Glass:

3/16" Annealed

0.090" Safety-Plus II Polylam Interlayer (NOA# 18-0619.01)*
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 7th Edition (2020) 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)

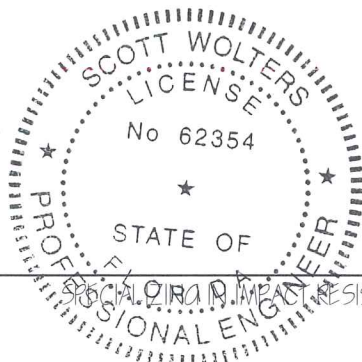
Note – All Flush Bolts and 3-Point lock bolts use Aluminum Strike Plates.

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
III 06 2020



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