

# 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: RT-ASI SERIES GLAZED ALUMINUM DOORS

MANUFACTURER: PHYSICAL SECURITY, LLC  
600 BELLVIEW  
BESSEMER, AL 35020

To all concerned,

The RT-ASI Series Glazed Aluminum Doors, manufactured by Physical Security LLC, are inswing and outswing singles and pairs of glazed aluminum doors, set in aluminum frames. The doors have been tested per TAS 201, 202, 203, ASTM E1886-13a, and ASTM E1996-14a by Blackwater Testing Services Inc, with results shown in test reports BT-PSS-22-003, BT-PSS-24-001, and BT-PSS-24-003.

### Technical Documentation:

1. Drawing "RT-ASI-HZ", dated 5/1/25 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Blackwater Testing Services Inc, signed & sealed by Michael Caldwell, PE.
3. Supplemental calculations to support "RT-ASI-HZ", 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 8<sup>th</sup> Edition (2023) Florida Building Code generally, and chapters 10, 11, 16, 20, and 24 specifically, including the HVHZ provisions.

Limitations: This door is approved for use inside and outside of the HVHZ. Glass types GL-1, GL-2, & GL-4 are Level D large and small missile impact resistant, and glass type GL-3 is Level E large and small missile impact resistant. Shutters are not required in Windborne Debris Regions.

<u>Overall Dimensions:</u>	Max Frame Width:	Singles - 50"
		Pairs - 98"
	Max Frame Height:	122"
	Max Design Pressure:	Varies – See Charts on Sheet 2/7 of Installation Drawings.

<u>Glazing:</u>	GL-1: 1 1/8" Insulated/Laminated (Level D, +/- 75 psf) 3/16" Tempered 3/8" Air Space (Alum Spacer) 1/4" Heat Strengthened 0.090" PVB ES Interlayer (NOA# 23-0717.32) 1/4" Heat Strengthened
	GL-2: 1 1/8" Insulated/Laminated (Level D, +/- 120 psf) 3/16" Tempered 3/8" Air Space (Alum Spacer) 1/4" Heat Strengthened 0.090" Sentryglas Interlayer (NOA# 23-0717.30) 1/4" Heat Strengthened
	GL-3: 1 1/8" Insulated/Laminated (Level E, +/- 120 psf) 3/16" Tempered 3/8" Air Space (Alum Spacer) 1/4" Heat Strengthened 0.180" Sentryglas Interlayer (NOA# 23-0717.30) 1/4" Heat Strengthened
	GL-4: 1 5/16" Insulated/Laminated (Level D, +75/-132 psf) 1/4" Tempered 1/2" Air Space (Alum Spacer) 1/4" Heat Strengthened 0.090" Sentryglas Interlayer (NOA# 23-0717.30) 1/4" Heat Strengthened

Max DLO = 40 3/4" x 105 15/16" (Glass Types GL-1, GL-2, GL-3)  
40 3/4" x 81 15/16" (Glass Type GL-4)


Locking Hardware: See Chart on Sheet 2/7 of Installation Drawing RT-ASI-HZ.

Hinges: See Chart on Sheet 2/7 of Installation Drawing RT-ASI-HZ.

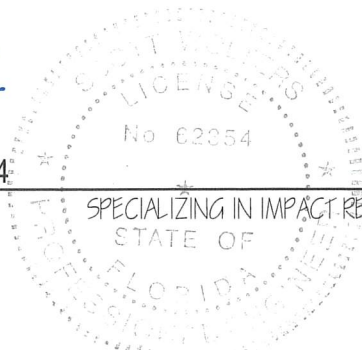
Thresholds: See Details 6/5 & 8/6 of Installation Drawing RT-ASI-HZ.

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

Thank you,

  
Scott Wolters  
FL PE# 62354

MAY 01 2025



SPECIALIZING IN IMPACT RESISTANT CURTAINWALLS, STOREFRONTS, & WINDOWS