

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: SL500 SERIES RESILIENCE R104 AUTOMATIC SLIDING DOOR SYSTEM
(FIXED SIDE-LITE)

MANUFACTURER: ASSA ABLOY ENTRANCE SYSTEMS
1900 AIRPORT ROAD
MONROE, NC 28110

To all concerned,

The SL500 Series Resilience R104 Automatic Sliding Door System, manufactured by Assa Abloy Entrance Systems, is a multi-panel glazed aluminum automatic sliding door set in an aluminum frame. The door has been tested per TAS 201, 202, and 203 by Intertek B&C, with results shown in test reports K0586.01-550-18, K0586.02-550-18, and K0586.01-550-18.

Technical Documentation:

1. Drawing "SL500-R104-FSL" dated 10/11/19, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C, signed and sealed by Vinu Abraham, PE.
3. Supplemental Calculations to support "SL500-R104-FSL", 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 8th Edition (2023) Florida Building Code generally, and chapters 10, 11, 16, 23, and 24 specifically, for use outside of the HVHZ.

Limitations: This door is approved for use outside of the HVHZ. Glass Type 1 is Large and Small Missile Impact Resistant. Glass Types 4 & 5 are not impact resistant, and require shutters for use in windborne debris regions.

<u>Overall Dimensions:</u>	Maximum Frame Height:	104 in
	Maximum Frame Width:	108 in (O-SX) 192 in (O-SX-SX-O)
	Maximum Panel Width:	Varies (See Charts on Sheets 6 & 8).
	Maximum Design Pressure:	Glass Type 1: +/- 80 psf Glass Types 4 & 5: See Charts on Sheet 4

This door system is not tested or rated for water infiltration resistance. It is intended for use only in locations where water infiltration resistance is not required, or where it is protected by an overhang meeting the requirements of FBC Section 1709.5.1.

Glass: Type 1: 9/16" Laminated (LMI – Level D)
1/4" Heat Strengthened
0.090" SentryGlas Interlayer (NOA# 23-0717.30)
1/4" Heat Strengthened

Type 4: 1/4" Tempered (Non-Impact)

Type 5: 1" Insulated Tempered (Non-Impact)
1/4" Tempered
1/2" Air Space (Aluminum Spacer)
1/4" Tempered

Locks: Manufacturer's Standard 3 Pt Lock (Single Slide) or 4 Pt. Lock (Bi-Part)

Please see Bill of Materials on Sheets 15-17 for a complete list of door hardware requirements.
If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FL PE# 62354
DEC 17 2024

