

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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

PRODUCT EVALUATION

PRODUCT: SL500 SERIES RESILIENCE R104 AUTOMATIC SLIDING DOOR SYSTEM (HVHZ)
FIXED SIDE-LITE WITH EX PANEL OPTION

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

To all concerned,

The SL500 Series Resilience R104 Automatic Sliding Door System - Fixed Sidelite with EX Panel Option, 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 K0586.03-550-18.

Technical Documentation:

1. Drawing "1022586" dated 5/24/22 (Rev. 2), 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 "1022586", signed 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 of the requirements of the 8th Edition (2023) Florida Building Code generally, and chapters 10, 11, 16, 23, and 24 specifically, including the HVHZ provisions.

Limitations: This door is approved for use inside and outside of the HVHZ. Glass Type 1 is Large and Small Missile Impact Resistant. Glass Type 4 is not impact resistant, and requires shutters for use in windborne debris regions. (Glass Type 4 may be used in the optional EX panels in windborne debris regions without shutters when Glass Type 1 is used in the main door panels).

<u>Overall Dimensions:</u>	Maximum Frame Height:	104 in
	Maximum Frame Width:	120 in (O-SX-SX-O)
	Maximum Panel Width:	30 ¾ in
	Maximum EX Panel Height:	45 in (EX-SW Panels) 45 in (EX-SL Bottom Panels) 14 13/16 in (EX-SL Top Panels)
	Maximum EX Panel Width:	26 ½ in (EX-SW Panels) 30 ¾ in (EX-SL Panels)
	Maximum Design Pressure:	+/- 80 psf

Water Infiltration:

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)

Note: The EX Option Panels are not a part of the building envelope. The impact resistance of the system is based on the glass type used in the main door panels only.

Locks:

Manufacturer's Standard 4 Pt. Lock

Hardware:

Please see Bill of Materials on Sheets 25-26 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

