

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: WINDCORD 5400/5500 SERIES AUTOMATIC SLIDING DOOR SYSTEM
(FIXED SIDE-LITE)

MANUFACTURER: RECORD U.S.A. INC.
4324 PHIL HARGETT COURT
MONROE, NC 28110

To all concerned,

The WindCord 5400/550 Series Automatic Sliding Door System, manufactured by Record U.S.A. Inc, 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-R2, K0586.02-550-18-R1, and K0586.03-550-18-R1.

Technical Documentation:

1. Drawing "1023671" dated 4/24/23, 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 "1023671", 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 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 High Velocity Hurricane Zone.

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 non-impact and require an impact resistant shutter system 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:	+/- 75 psf (O-SX) +/- 70 psf (O-SX-SX-O)

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 (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 15-16 of the Installation Instructions 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

