

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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

PRODUCT EVALUATION

PRODUCT: WINDCORD 5400/5500 SERIES AUTOMATIC SLIDING DOOR SYSTEM
(FULL BREAK-OUT)

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

To all concerned,

The WindCord 5400/5500 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 J5787.01-550-18-R4, J5787.02-550-18-R1, and J5787.03-550-18-R2 thru J5787.13-550-18-R2 (specimens 1-13).

Technical Documentation:

1. Drawing "1023672" 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 "1023672", 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 Types 1 & 2 are (Level D) Large and Small Missile Impact Resistant, and Glass Type 3 is (Level E) 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"
	Maximum Frame Width:	108" (SO-SX) 192" (SO-SX-SX-SO)
	Maximum Panel Width:	Varies (See Charts on Sheets 6 & 8)
	Maximum Design Pressure:	+/-75 psf (SO-SX) +/-70 psf (SO-SX-SX-SO)

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.

SPECIALIZING IN IMPACT RESISTANT CURTAINWALLS, STOREFRONTS, & WINDOWS

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 2: 1" Insulated Laminated (LMI – Level D)
3/16" Tempered
3/8" Air Space (Aluminum Spacer)
3/16" Heat Strengthened
0.090" SentryGlas Interlayer (NOA# 23-0717.30)
3/16" Heat Strengthened

Type 3: 9/16" Laminated (LMI – Level E)
1/4" Heat Strengthened
0.180" 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:

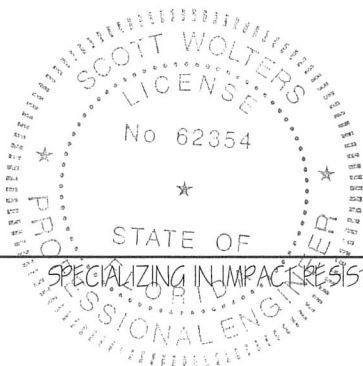
Manufacturer's Standard 3 Pt Lock (Single Slide) or 4 Pt. Lock (Bi-Part)
Or
Adams-Rite 8600 Series CVR Panic

Please see Bill of Materials and Hardware Details on Sheets 15-20 of Installation Drawings 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



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