

Technical Data Sheet

ASSA ABLOY SL500 Resilience R128

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



The ASSA ABLOY SL500 Resilience R128 is the ideal product for home centers, garden centers and any application where an over height door package is required. With size parameters that take you up to 16' wide for bi-parts, 9' width for single slides and 128" overall frame heights, you're assured of an expansive door opening to meet your most challenging needs. Plus, its hurricane rated. Equipped with structural steel, the full impact package is rated to 114 psf design pressure for use in hurricane zones. The package is Category D large missile impact test rated at 50 feet per second and features single point unlocking per operable panel to comply with NFPA 101 Life Safety Code.

Features

- ANSI/BHMA A156.10 American National Standard for Power Operated Pedestrian Doors compliant
- TAS 202 and ASTM E283 for air leakage rate below 1.0 CFM/ square foot
- Full dry-glazed system that allows for glass replacement on site
- Attractive lock bodies that allow for single point of release per operable panel
- Emergency breakout to meet Life Safety Codes
- Replaceable track that extends the life of the overall door package
- Two heavy duty high performance plastic roller wheels per wheel assembly, for a total of four (4) roller wheels, 1-7/16 inch (36.51 mm) diameter, per active door leaf for operation over a replaceable aluminum track

Optional Features

- **Convenience Battery:** Capable of full operation with blackout conditions, including sensor capabilities for minimum of 100 cycles.
- **Digital Cycle Counter:** Battery powered, 7 digit LCD cycle counter with a reset feature to track door usage cycles

Access Control Package Electric Lock Management (Optional)

Electrified slide lock automatically locks the sliding function of all sliding door panels within the entrance when the door panels are in the closed position.

- **Fail secure operation:** Slide lock shall lock the sliding function of the door panels upon loss of power.
- **Fail safe operation:** Slide lock shall unlock the sliding function of the door panels upon loss of power.

Complies with

1. ANSI/BHMA A156.10, ICC A117.1,
2. ICC/IBC - International Building Code.
3. UL/CUL – Approved for use in Canada and USA.
4. NFPA 70 - National Electrical Code.
5. NFPA 101 - Life Safety Code.

Activation

Sensor Package ANSI/BHMA A156.10 compliant

Combination Activation Motion Sensor/Safety Presence Sensor utilizing K-band microwave technology

1. Motion Sensor to activate door
2. Presence Detector while door is closing, mounted on each side of header

Knowing Act/Manual Activation

1. Push Plates to activate door
2. Presence Detector mounted on each side of header

Approvals/Code Compliances

AAMA 1304 & ASTM F482
TAS 202, ASTM E 330-97 Static Air Pressure
TAS 202, ASTM E 283-99 Air Filtration
TAS 201, ASTM E 1996-02 Impact, Large Missile
TAS 203, ASTM E 1996 Cyclical Test



State of Florida & Miami-Dade Approvals:

- Impact/Non Impact Bi-Part and Single Slide - 30356

ASSA ABLOY SL500 Resilience R128 Door Package	Florida Approval Number	Miami-Dade Approval Number
FBO Bi-Part/SingleSlide Impact	30356	NOA# 21-0324.12
FBO Bi-Part/Single Slide Non-Impact	30356	NOA# 21-0324.13

	Bi-Parting Medium Stile		Single Slide Medium Stile	
	Min	Max	Min	Max
Frame Width	120"	192"	86"	108"
Clear Opening	40 1/2"	76 1/2"	32 3/8"	43 3/8"
Mounting Height	104 1/4"	128"	104 1/4"	128"
Clear Opening	94 1/4"	118"	94 1/4"	118"

Authorities	
Operator Type	DC Electro-mechanical 1/4 HP
Max Panel Width	Narrow Stile: Bi-Part is 48-3/4", single slide 53 7/8". Medium Stile: Bipart is 49-5/8, single slide 54 -3/4.
Door Weight	max weight 400 lbs.
Power Supply	85V-265V adjusting automatically
Power Consumption	250W
AMP Requirements	A maximum of 3 amp draw, allowing 5 operators on one 20 amp circuit
Electro-Mechanical Locking Device	Fail Safe/Fail Secure
Impact Levels/Glass Compatibility	Level D: large missile impact test rated at 50 feet per second and is available in 9/16 and 1in insulated glass Non-Impact: Non-impact entrances require shutter system for use in wind borne debris regions
Opening Time	1.5 Sec. Max. size* (700mm/sec.)
Closing Time	3.5 Sec. Max. size*
Hold Open Time	0-60 adjustable
Ambient Temperature	-31° F to 122° F (-35° C to 50° C)
Usage	This product can be installed internally or externally with suitable weather protection
Complies and exceeds	ANSI/BHMA A156.10, ICCA117.1, ICC/IBC - International Building Code, CUL - Approved for use in Canada, NFPA 70 - National Electrical Code, NFPA 101 - Life Safety Code.

*Consult ASSA ABLOY for custom configurations

Aesthetics

Anodized Finish:

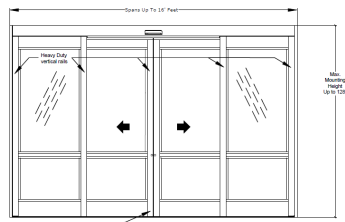
Clear, Dark Bronze, Custom anodized to match architects sample.

Painted Finish:

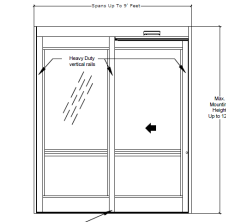
Powder coat painted to match architect's specs.

Configurations

	Narrow	Medium
Vertical Stiles	2-1/4"	4"
Bottom Rails	10"	10"



SL500 Resilience R128
Bi-Parting Medium Stile



SL500 Resilience R128
Single Slide Medium Stile

PSF Rating - Single Slide Non- Impact Narrow Stile
Frame Width

Frame Height	Frame Width							
	80	84	88	92	96	100	104	108
104	114	109	104	99	95	91	88	85
108	106	101	96	92	88	85	82	79
112	98	93	89	85	82	78	75	73
116	90	88	82	78	75	72	69	66
119	84	82	76	73	70	67	64	62
122	78	74	71	68	65	62	60	57
125	72	68	65	62	60	57	55	53
128	66	62	60	57	55	52	50	48

PSF Rating - Single Slide Non- Impact Medium Stile
Frame Width

Frame Height	Frame Width							
	80	84	88	92	96	100	104	108
104	116	110	105	101	96	93	89	86
108	112	106	101	97	93	89	86	83
112	108	102	98	93	90	86	83	80
116	104	99	94	90	86	83	80	77
119	101	96	92	88	84	81	78	75
122	99	94	90	86	82	79	76	73
125	96	92	88	84	80	77	74	71
128	94	90	85	82	78	75	72	70

PSF Rating - Single Slide Level D Impact Medium Stile
Frame Width

Frame Height	Frame Width							
	80	84	88	92	96	100	104	108
104	114	112	104	99	95	91	88	85
108	109	103	99	94	90	87	83	80
112	103	98	94	90	86	82	79	76
116	97	93	89	85	81	78	75	72
119	93	89	85	81	78	74	72	69
122	89	85	81	77	74	71	68	66
125	85	81	77	74	71	68	65	63
128	81	77	73	70	67	64	62	60

PSF Rating - Bi-Part Level D Impact Medium Stile
Frame Width

Frame Height	Frame Width							
	120	132	144	156	168	180	192	
104	99	96	93	89	86	83	80	
108	96	93	89	86	83	80	76	
112	93	91	88	86	84	82	80	
116	90	86	83	80	76	73	70	
119	87	84	81	77	74	70	67	
122	85	82	78	75	71	68	65	
125	83	79	76	72	69	65	62	
128	80	77	73	70	66	63	60	

PSF Rating - Bi-Part Non Impact Narrow and Medium Stile
Frame Width

Frame Height	Frame Width							
	120	132	144	156	168	180	192	
104	112	101	93	86	80	74	70	
108	108	98	90	83	77	72	67	
112	104	94	86	80	74	69	65	
116	100	90	83	76	71	66	62	
119	97	88	80	74	69	64	60	
122	94	85	78	72	67	62	58	
125	91	82	75	70	65	60	56	
128	88	80	73	67	62	58	55	