

ALUMINUM SLIDING DOOR SYSTEM

PRODUCT TYPE: ALUMINUM MULTI SLIDE DOOR
 SERIES/MODEL: ALUMINUM
 DESCRIPTION: ALUMINUM CORE
 SILL TYPE: WEATHER RESISTANT SILL WITH 2 5/16" LEG HEIGHT
 PANEL SIZE: 60" x 96"

Weather Resistant Sill Test Results			
TEST DESCRIPTION		MEASURED	ALLOWED
Operating Force - Breakaway ASTM-E 2068	Breakaway Operation	5.0 lbf 6.3 lbf	30.35 lbf 20.23 lbf
Latching Device	Open & Close	0.1 lbf	22.48 lbf
Air Infiltration Result ASTM-E 283	1.6 psf	0.13 CFM/FT ²	0.03 CFM/FT ²
Water Infiltration Result ASTM-E 547	6.0 psf DP 40	No Leakage	No Leakage
Uniform Load Deflection ASTM-E 330	++40.0 psf DP 40	1.25" Positive 1.14" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	++60 psf DP 40	0.12" Positive 0.13" Negative	0.38" Positive 0.38" Negative
Uniform Load Structural ASTM-E 330	+90.0 psf	No Damage	No Damage
Overall DP Rating	DP 40		

NFRC RATINGS | THERMAL PERFORMANCE
 PANEL SIZE: ALL SIZES

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED				
Clear - Air - Clear	15/16"	0.66	0.58	0.61
E180 - Air - Clear	15/16"	0.54	0.49	0.59
E272 - Air - Clear	15/16"	0.53	0.33	0.54
E270 - Air - Clear	15/16"	0.53	0.29	0.52
E340 - Air - Clear	15/16"	0.53	0.16	0.29
E366 - Air - Clear	15/16"	0.53	0.23	0.48
ARGON FILLED				
Clear - Argon - Clear	15/16"	0.64	0.58	0.61
E180 - Argon - Clear	15/16"	0.50	0.49	0.59
E272 - Argon - Clear	15/16"	0.49	0.32	0.54
E270 - Argon - Clear	15/16"	0.49	0.29	0.52
E340 - Argon - Clear	15/16"	0.49	0.15	0.29
E366 - Argon - Clear	15/16"	0.49	0.22	0.48
SB60 - Argon - Clear	15/16"	0.48	0.31	0.54
SB70 - Argon - Clear	15/16"	0.47	0.22	0.49
ARGON FILLED WITH i89				
E272 - Argon - i89	3/4"	0.45	0.31	0.52
E270 - Argon - i89	3/4"	0.45	0.28	0.50

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Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
ARGON FILLED WITH I89 (continued)				
E340 - Argon - I89	3/4"	0.45	0.15	0.28
E366 - Argon - I89	3/4"	0.45	0.22	0.47