

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	0.30 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

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED PANEL SIZE 66" x 126"				
Clear - Air - Clear	15/16"	0.64	0.58	0.61
E272 - Air - Clear	15/16"	0.52	0.33	0.54
E270 - Air - Clear	15/16"	0.52	0.29	0.52
E366 - Air - Clear	15/16"	0.51	0.23	0.48
ARGON FILLED PANEL SIZE 66" x 120"				
Clear - Argon - Clear	15/16"	0.62	0.58	0.61
E272 - Argon - Clear	15/16"	0.48	0.32	0.54
E270 - Argon - Clear	15/16"	0.48	0.29	0.52
E366 - Argon - Clear	15/16"	0.48	0.22	0.48
ARGON FILLED WITH i89 PANEL SIZE 66" x 120"				
E272 - Argon - i89	15/16"	0.44	0.32	0.52
E270 - Argon - i89	15/16"	0.44	0.28	0.51
E366 - Argon - i89	15/16"	0.44	0.22	0.47