

ALUMINUM WOOD SLIDING DOOR SYSTEM

PRODUCT TYPE: ALUMINUM WOOD MULTI SLIDE DOOR
 SERIES/MODEL: ALUMINUM WOOD
 DESCRIPTION: ALUMINUM STILE WITH WOOD INTERIOR FASCIA
 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	21.0 lbf 9.4 lbf	30.35 lbf 20.23 lbf
Latching Device	Open & Close	0.9 lbf	22.48 lbf
Air Infiltration Result ASTM-E 283	1.6 psf	0.18 CFM/FT ²	0.30 CFM/FT ²
No Exfiltration	N/A	0.19 CFM/FT ²	0.30 CFM/FT ²
Water Exfiltration Result ASTM-E 547	6.8 psf DP 45	No Leakage	No Leakage
Uniform Load Deflection ASTM-E 330	++45.0 psf DP 45	0.14" Positive 0.15" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	++67.5 psf DP 45	0.00" Positive 0.00" Negative	0.38" Positive 0.38" Negative
Uniform Load Structural ASTM-E 330	+90.0 psf	No Damage	No Damage
Overall DP Rating	DP 45		

NFRC RATINGS | THERMAL PERFORMANCE

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED PANEL SIZE 60" x 120"				
E180 - Air - Clear	15/16"	0.45	0.45	0.55
E270 - Air - Clear	15/16"	0.45	0.27	0.44
E272 - Air - Clear	15/16"	0.45	0.30	0.50
E366 - Air - Clear	15/16"	0.44	0.21	0.45
ARGON FILLED PANEL SIZE 60" x 120"				
E180 - Argon - Clear	15/16"	0.42	0.45	0.55
E270 - Argon - Clear	15/16"	0.42	0.27	0.49
E272 - Argon - Clear	15/16"	0.42	0.30	0.50
E366 - Argon - Clear	15/16"	0.41	0.20	0.45
ARGON FILLED WITH i89 PANEL SIZE 60" x 120"				
E270 - Argon - i89	15/16"	0.38	0.26	0.48
E272 - Argon - i89	15/16"	0.38	0.29	0.49
E366 - Argon - i89	15/16"	0.37	0.20	0.44