

**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 <sup>2</sup>	0.30 CFM/FT <sup>2</sup>
Air Exfiltration Result ASTM-E 283	1.6 psf	0.19 CFM/FT <sup>2</sup>	0.30 CFM/FT <sup>2</sup>
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  
 PANEL SIZE: 89 3/4 SHORT + 148 1/4 LONG + NOT EXCEEDING 60 SQ. FT.

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED				
Clear - Air - Clear	1"	0.56	0.53	0.57
LoE180 - Air - Clear	1"	0.45	0.44	0.55
LoE270 - Air - Clear	1"	0.45	0.27	0.48
LoE272 - Air - Clear	1"	0.45	0.30	0.50
LoE366 - Air - Clear	1"	0.44	0.21	0.45
Solarban 60	15/16"	0.45	0.29	0.50
Solarban 70	1-1/16"	0.44	0.21	0.46
AIR FILLED WITH i89				
LoE270 - Air - i89	1"	0.40	0.26	0.47
LoE272 - Air - i89	1"	0.40	0.29	0.49
LoE366 - Air - i89	1"	0.39	0.20	0.44
ARGON FILLED				
Clear - Argon - Clear	1"	0.55	0.53	0.57
LoE180 - Argon - Clear	1"	0.42	0.44	0.55
LoE270 - Argon - Clear	1"	0.42	0.27	0.48
LoE272 - Argon - Clear	1"	0.42	0.30	0.50
LoE366 - Argon - Clear	1"	0.41	0.21	0.45

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ARGON FILLED (continued)				
Solaban 60				
Solarban 70				
ARGON FILLED WITH i89				
LoE270 - Argon - i89	1"	0.38	0.26	0.47
LoE272 - Argon - i89	1"	0.38	0.29	0.49
LoE366 - Argon - i89	1"	0.37	0.20	0.44
MONOLITHIC				
1/4" Clear Laminated	1/4"	.93	0.58	0.63
1/4" Clear Tempered	1/4"	.94	0.60	0.64
8.6 Impact Monolithic Laminated SGP - Clear	5/16"	.89	0.57	0.63
3/8" Clear Laminated	3/8"	.89	0.55	0.62
11.7 Impact Monolithic Laminated SGP - Clear	7/16"	.62	0.88	0.54