

**ALUMINUM WOOD SWING DOOR SYSTEM**

PRODUCT TYPE: ALUMINUM WOOD OUTSWING SWING DOOR  
 SERIES/MODEL: ALUMINUM WOOD  
 DESCRIPTION: ALUMINUM WOOD CORE WITH THERMAL BREAKS  
 SILL TYPE: WEATHER RESISTANT SILL  
 PANEL SIZE: 42" x 120"

Weather Resistant Sill Test Results			
TEST DESCRIPTION		MEASURED	ALLOWED
Air Infiltration Result ASTM-E 283	1.6 psf (25 mph)	0.10 CFM/FT <sup>2</sup>	0.3 CFM/FT <sup>2</sup>
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	2.05" Positive 1.76" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	- + 60.0 psf DP 40	0.06" Positive 0.00" Negative	0.48" 0.48"
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	3/4"	0.56	0.50	0.52
LoE180 - Air - Clear	3/4"	0.46	0.42	0.50
LoE272 - Air - Clear	3/4"	0.45	0.28	0.46
LoE270 - Air - Clear	3/4"	0.45	0.25	0.44
LoE340 - Air - Clear	3/4"	0.45	0.14	0.25
LoE366 - Air - Clear	3/4"	0.45	0.20	0.41
ARGON FILLED				
Clear - Argon - Clear	3/4"	0.54	0.50	0.52
LoE180 - Argon - Clear	3/4"	0.43	0.42	0.50
LoE272 - Argon - Clear	3/4"	0.42	0.28	0.46
LoE270 - Argon - Clear	3/4"	0.42	0.25	0.44
LoE340 - Argon - Clear	3/4"	0.42	0.13	0.25
LoE366 - Argon - Clear	3/4"	0.42	0.19	0.41
SB60 - Argon - Clear	3/4"	0.43	0.27	0.46
SB70 - Argon - Clear	3/4"	0.42	0.19	0.41
ARGON FILLED WITH i89				
LoE272 - Argon - i89	3/4"	0.39	0.27	0.44
LoE270 - Argon - i89	3/4"	0.39	0.24	0.43
LoE340 - Argon - i89	3/4"	0.39	0.13	0.24
LoE366 - Argon - i89	3/4"	0.39	0.19	0.40
TRIPLE GLAZED - ARGON FILLED				
LoE366 - E180 - i89	1 1/4"	0.33	0.17	0.35
LoE366 - Clear - i89	1 1/4"	0.35	0.16	0.30