

ALUMINUM SWING DOOR SYSTEM

PRODUCT TYPE: ALUMINUM OUTSWING SWING DOOR
 SERIES/MODEL: ALUMINUM
 DESCRIPTION: ALUMINUM CORE
 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)	0.23 CFM/FT ²	0.3 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	2.12" Positive 2.15" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	- + 60.0 psf DP 40	0.12" Positive 0.15" 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"	0.71	0.55	0.57
LoE180 - Air - Clear	3/4"	0.60	0.46	0.55
LoE272 - Air - Clear	3/4"	0.59	0.31	0.50
LoE270 - Air - Clear	3/4"	0.59	0.28	0.48
LoE366 - Air - Clear	3/4"	0.59	0.22	0.45
ARGON FILLED				
Clear - Argon - Clear	3/4"	0.69	0.55	0.57
LoE180 - Argon - Clear	3/4"	0.56	0.46	0.55
LoE272 - Argon - Clear	3/4"	0.55	0.31	0.50
LoE270 - Argon - Clear	3/4"	0.55	0.28	0.48
LoE366 - Argon - Clear	3/4"	0.55	0.22	0.45
SB60 - Argon - Clear	3/4"	0.55	0.29	0.50
SB70 - Argon - Clear	3/4"	0.55	0.22	0.45
ARGON FILLED WITH i89				
LoE272 - Argon - i89	3/4"	0.52	0.30	0.49
LoE270 - Argon - i89	3/4"	0.52	0.27	0.47
LoE366 - Argon - i89	3/4"	0.52	0.21	0.44