

System Performance



System Type: Aluminum Wood Bi-Fold Door System
Swing Direction: Outswing

Standard Sill Test Results			
Test Description		Measured	Allowed
Air Infiltration ASTM-E 283	1.57 psf (25 mph)	0.18 CFM/Ft ²	0.3 CFM/Ft ²
Water Penetration ASTM-E 547	3.75 PSF	No Leakage	No Leakage
Uniform Load Deflection at Design Pressure ASTM-E 330	35.0 PSF Positive Design Pressure 35.0 PSF Negative Design Pressure	1.11" 1.08"	No Damage No Damage
Uniform Load Structural	52.5 PSF Positive Design Pressure 52.5 PSF Negative Design Pressure	No Damage No Damage	No Damage No Damage

Thermal Performance			
Glass Type	IG Glass Thickness	U-Factor	SHGC Solar Heat Gain Coefficient
Clear - Air - Clear	3/4"	.57	.751
E240 - Air - Clear	3/4"	.46	.256
E272 - Air - Clear	3/4"	.46	.413
E270 - Air - Clear	3/4"	.46	.366
E366 - Air - Clear	3/4"	.46	.280
E240 - Argon - Clear	3/4"	.43	.248
E272 - Argon - Clear	3/4"	.43	.409
E270 - Argon - Clear	3/4"	.43	.362
E366 - Argon - Clear	3/4"	.43	.274
E366 - Air - E366	3/4"	.38	.238

Note: Thermal Performance results based on simulations only in accordance with NFRC.
 Pending Physical testing and certification.