

International Window 8880 1" Insulating Glass Unit Performance												
Sliding Door w/Steel Spacer	U-Factors						SHGC			Visible Light		
	Air fill	With Argon	Sculptured Grid	Sculptured Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon		Sculptured Grid	1/8" x 3/4" Grid		Sculptured Grid	1/8" x 3/4" Grid
	1/8 clear/ 1/8 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.63	0.56	0.56	0.67	0.59
3/16 clear/ 3/16 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.60	0.54	0.54	0.66	0.58	0.58
1/8 EnergyShield™/ 1/8 clear	0.44	0.40	0.44	0.40	0.44	0.40	0.34	0.30	0.30	0.60	0.52	0.52
3/16 EnergyShield™/ 3/16 clear	0.43	0.39	0.43	0.39	0.43	0.39	0.33	0.30	0.30	0.59	0.52	0.52
1/8 EnergyShield Xtreme™/ 1/8 clear	0.43	0.40	0.43	0.40	0.43	0.40	0.23	0.21	0.21	0.53	0.46	0.46
3/16 EnergyShield Xtreme™/ 3/16 clear	0.43	0.39	0.43	0.39	0.43	0.39	0.23	0.21	0.21	0.52	0.46	0.46
1/8 bronze/ 1/8 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.52	0.46	0.46	0.50	0.44	0.44
3/16 bronze/ 3/16 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.46	0.41	0.41	0.43	0.38	0.38
5/32 Solarcool/ 3/16 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.30	0.26	0.26	0.18	0.16	0.16
1/8 grey/ 1/8 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.48	0.43	0.43	0.45	0.39	0.39
3/16 grey/ 3/16 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.42	0.37	0.37	0.37	0.33	0.33
1/8 greylite # 31/ 1/8 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.27	0.24	0.24	0.18	0.16	0.16
1/8 Azuria/ 1/8 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.40	0.36	0.36	0.57	0.50	0.50
3/16 Azuria/ 3/16 clear	0.57	0.55	0.57	0.55	0.57	0.55	0.36	0.32	0.32	0.53	0.47	0.47
1/8 bronze/ 1/8 EnergyShield™	0.44	0.40	0.44	0.40	0.44	0.40	0.32	0.29	0.29	0.44	0.39	0.39
3/16 bronze/ 3/16 EnergyShield™	0.43	0.39	0.43	0.39	0.43	0.39	0.29	0.26	0.26	0.38	0.34	0.34
1/8 grey/ 1/8 EnergyShield™	0.44	0.40	0.44	0.40	0.44	0.40	0.30	0.27	0.27	0.40	0.35	0.35
3/16 grey/ 3/16 EnergyShield™	0.43	0.39	0.43	0.39	0.43	0.39	0.27	0.24	0.24	0.33	0.29	0.29
1/8 Azuria/ 1/8 EnergyShield™	0.44	0.40	0.44	0.40	0.44	0.40	0.31	0.27	0.27	0.51	0.45	0.45
3/16 Azuria/ 3/16 EnergyShield™	0.43	0.39	0.43	0.39	0.43	0.39	0.28	0.25	0.25	0.47	0.41	0.41
3/16 Solexia/ 3/16 EnergyShield™	0.43	0.39	0.43	0.39	0.43	0.39	0.32	0.29	0.29	0.52	0.46	0.46
1/8 EnergyShield Xtreme™/ 1/8 ILE	0.38	0.35	0.38	0.35	0.38	0.35	0.22	0.20	0.20	0.50	0.44	0.44
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.37	0.35	0.37	0.35	0.37	0.35	0.22	0.20	0.20	0.49	0.43	0.43

U-Value is the overall coefficient of heat transmittance of heat flow measured in BTU/hr.* ft2*°F. Lower U-Values indicate better performance. Winter nighttime U-Values are calculated using an outdoor air temperature of 0°F and indoor air temperature of 70°F.

Solar Heat Gain Coefficient is defined that fraction of incident solar radiation that actually enters a building through the window as heat gain. The SHGC is expressed as a dimensionless number from 0 to 1.0 A high coefficient signifies high heat gain, while a low number means low heat gain.

Visible Transmittance is the amount of light in the visible portion of the spectrum that passes through a glazing material. This property does not directly affect heating and cooling loads in a building.

Clear glass - includes all non-tinted pattern glass, i.e. Obscure, Rain, Delta Frost

EnergyShield™ spectrally selective Low-E with emissivity 0.036

EnergyShield Xtreme™ spectrally selective Low-E with emissivity 0.024

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