

International Window 7620/22/80/82 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	0.70	0.68	0.70	0.68	0.70	0.68	0.60	0.47	0.53	0.64	0.48	0.56
3/16 clear/ 3/16 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.58	0.45	0.51	0.63	0.47	0.55
1/8 EnergyShield™/ 1/8 clear	0.57	0.54	0.57	0.54	0.57	0.54	0.32	0.25	0.28	0.56	0.43	0.49
3/16 EnergyShield™/ 3/16 clear	0.57	0.54	0.57	0.54	0.57	0.54	0.31	0.25	0.28	0.56	0.42	0.49
1/8 EnergyShield Xtreme™/ 1/8 clear	0.57	0.53	0.57	0.53	0.57	0.53	0.23	0.18	0.20	0.50	0.38	0.44
3/16 EnergyShield Xtreme™/ 3/16 clear	0.57	0.53	0.57	0.53	0.57	0.53	0.23	0.18	0.21	0.49	0.37	0.43
1/8 bronze/ 1/8 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.50	0.39	0.44	0.47	0.36	0.41
3/16 bronze/ 3/16 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.44	0.35	0.39	0.41	0.31	0.36
5/32 Solarcool/ 3/16 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.29	0.23	0.26	0.17	0.13	0.15
1/8 grey/ 1/8 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.46	0.36	0.41	0.43	0.32	0.37
3/16 grey/ 3/16 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.41	0.32	0.36	0.35	0.27	0.31
1/8 greylite # 31/ 1/8 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.26	0.21	0.23	0.17	0.13	0.15
1/8 Azuria/ 1/8 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.39	0.31	0.35	0.54	0.41	0.48
3/16 Azuria/ 3/16 clear	0.70	0.68	0.70	0.68	0.70	0.68	0.34	0.27	0.31	0.50	0.38	0.44
1/8 bronze/ 1/8 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.30	0.24	0.27	0.42	0.32	0.37
3/16 bronze/ 3/16 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.28	0.22	0.25	0.36	0.28	0.32
1/8 grey/ 1/8 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.28	0.23	0.25	0.38	0.29	0.33
3/16 grey/ 3/16 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.25	0.20	0.23	0.31	0.24	0.27
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3/16 Azuria/ 3/16 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.27	0.21	0.24	0.45	0.34	0.39
3/16 Solexia/ 3/16 EnergyShield™	0.57	0.54	0.57	0.54	0.57	0.54	0.31	0.24	0.27	0.50	0.38	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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Sliding Door w/Xtreme 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
				Argon							Argon	
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