

International Window 6220 3/4" Insulating Glass Unit Performance												
Casement/Awning w/Steel Spacer Steel Spacer	U-Value Residential Only						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
	SS clear/ SS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.64	0.54	0.59	0.66	0.54
DS clear/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.62	0.52	0.57	0.65	0.54	0.59
3/16 clear/ 3/16 clear	0.69	0.66	0.71	0.69	0.71	0.69	0.59	0.50	0.54	0.64	0.53	0.58
SS EnergyShield™/ SS clear	0.54	0.50	0.55	0.51	0.54	0.50	0.31	0.27	0.29	0.56	0.46	0.51
DS EnergyShield™/ DS clear	0.54	0.50	0.55	0.51	0.54	0.50	0.31	0.27	0.29	0.56	0.46	0.51
3/16 EnergyShield™/ 3/16 clear	0.57	0.52	0.60	0.56	0.60	0.56	0.31	0.26	0.29	0.55	0.45	0.50
SS EnergyShield Xtreme™/ SS clear	0.54	0.50	0.55	0.51	0.54	0.50	0.24	0.21	0.22	0.44	0.36	0.40
DS EnergyShield Xtreme™/ DS clear	0.54	0.50	0.55	0.51	0.54	0.50	0.24	0.21	0.22	0.43	0.36	0.40
3/16 EnergyShield Xtreme™/ 3/16 clear	0.57	0.52	0.60	0.56	0.60	0.56	0.24	0.21	0.23	0.43	0.35	0.39
SS bronze/ SS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.56	0.47	0.51	0.53	0.44	0.49
DS bronze/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.51	0.43	0.47	0.48	0.40	0.44
3/16 bronze/ 3/16 clear	0.69	0.66	0.71	0.69	0.71	0.69	0.46	0.38	0.42	0.42	0.34	0.38
3/16 Solarcool/ 3/16 clear	0.69	0.66	0.71	0.69	0.71	0.69	0.31	0.26	0.28	0.17	0.14	0.15
SS grey/ SS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.48	0.40	0.44	0.44	0.36	0.40
DS grey/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.48	0.40	0.44	0.43	0.36	0.40
3/16 grey/ 3/16 clear	0.69	0.66	0.71	0.69	0.71	0.69	0.42	0.35	0.38	0.36	0.30	0.33
DS greylite # 31/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.39	0.33	0.36	0.22	0.18	0.20
SS Azuria/ SS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.45	0.38	0.42	0.59	0.49	0.54
DS Azuria/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.40	0.34	0.37	0.56	0.46	0.51
3/16 Azuria/ 3/16 clear	0.69	0.66	0.71	0.69	0.71	0.69	0.36	0.30	0.33	0.51	0.42	0.47
SS bronze/ SS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.33	0.28	0.31	0.46	0.38	0.42
DS bronze/ DS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.31	0.26	0.28	0.41	0.34	0.38
3/16 bronze/ 3/16 EnergyShield™	0.57	0.52	0.60	0.56	0.60	0.56	0.28	0.24	0.26	0.36	0.29	0.33
SS grey/ SS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.29	0.25	0.27	0.37	0.31	0.34
DS grey/ DS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.31	0.26	0.28	0.41	0.34	0.38
3/16 grey/ 3/16 EnergyShield™	0.57	0.52	0.60	0.56	0.60	0.56	0.26	0.22	0.24	0.31	0.25	0.28
SS Azuria/ SS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.32	0.27	0.30	0.50	0.42	0.46
DS Azuria/ DS EnergyShield™	0.54	0.50	0.55	0.51	0.54	0.50	0.30	0.26	0.28	0.48	0.39	0.43
3/16 Azuria/ 3/16 EnergyShield™	0.57	0.52	0.60	0.56	0.60	0.56	0.28	0.24	0.26	0.44	0.36	0.40
3/16 Solexia/ 3/16 EnergyShield™	0.57	0.52	0.60	0.56	0.60	0.56	0.30	0.25	0.28	0.49	0.40	0.44

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