

International Window 6220 Residential 3/4" Insulating Glass Unit Performance												
Horizontal Slide	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	0.65	0.63	0.65	0.63	0.65	0.63	0.68	0.56	0.63	0.72	0.58	0.65
DS clear/ DS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.66	0.54	0.61	0.71	0.57	0.64
3/16 clear/ 3/16 clear	0.67	0.64	0.70	0.67	0.70	0.67	0.63	0.52	0.58	0.70	0.56	0.63
SS EnergyShield/ SS clear	0.50	0.47	0.52	0.48	0.50	0.47	0.33	0.27	0.30	0.62	0.49	0.55
DS EnergyShield/ DS clear	0.50	0.47	0.52	0.48	0.50	0.47	0.33	0.27	0.30	0.61	0.49	0.55
3/16 EnergyShield/ 3/16 clear	0.54	0.49	0.58	0.53	0.58	0.53	0.32	0.27	0.30	0.60	0.48	0.54
SS EnergyShield Xtreme/ SS clear	0.50	0.47	0.52	0.48	0.50	0.47	0.25	0.21	0.23	0.48	0.38	0.43
DS EnergyShield Xtreme/ DS clear	0.50	0.47	0.52	0.48	0.50	0.47	0.25	0.21	0.23	0.48	0.38	0.43
3/16 EnergyShield Xtreme/ 3/16 clear	0.54	0.49	0.58	0.53	0.58	0.53	0.25	0.21	0.24	0.47	0.38	0.42
SS bronze/ SS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.59	0.49	0.55	0.59	0.47	0.53
DS bronze/ DS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.54	0.45	0.50	0.53	0.42	0.47
3/16 bronze/ 3/16 clear	0.67	0.64	0.70	0.67	0.70	0.67	0.48	0.40	0.45	0.46	0.37	0.41
3/16 Solarcool/ 3/16 clear	0.67	0.64	0.70	0.67	0.70	0.67	0.32	0.27	0.30	0.18	0.15	0.16
SS grey/ SS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.51	0.42	0.47	0.48	0.38	0.43
DS grey/ DS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.50	0.42	0.47	0.48	0.38	0.43
3/16 grey/ 3/16 clear	0.67	0.64	0.70	0.67	0.70	0.67	0.44	0.37	0.41	0.40	0.32	0.36
DS greylite # 31/ DS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.41	0.34	0.38	0.24	0.19	0.22
SS Azurelite/ SS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.48	0.40	0.44	0.65	0.52	0.58
DS Azurelite/ DS clear	0.65	0.63	0.65	0.63	0.65	0.63	0.42	0.35	0.39	0.61	0.49	0.55
3/16 Azurelite/ 3/16 clear	0.67	0.64	0.70	0.67	0.70	0.67	0.37	0.31	0.35	0.56	0.45	0.51
SS bronze/ SS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.35	0.29	0.32	0.50	0.40	0.45
DS bronze/ DS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.32	0.27	0.30	0.45	0.36	0.41
3/16 bronze/ 3/16 EnergyShield	0.54	0.49	0.58	0.53	0.58	0.53	0.29	0.25	0.27	0.39	0.31	0.35
SS grey/ SS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.30	0.25	0.28	0.41	0.33	0.37
DS grey/ DS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.32	0.27	0.30	0.45	0.36	0.41
3/16 grey/ 3/16 EnergyShield	0.54	0.49	0.58	0.53	0.58	0.53	0.27	0.23	0.25	0.34	0.27	0.30
SS Azurelite/ SS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.34	0.28	0.31	0.55	0.44	0.50
DS Azurelite/ DS EnergyShield	0.50	0.47	0.52	0.48	0.50	0.47	0.31	0.26	0.29	0.52	0.42	0.47
3/16 Azurelite/ 3/16 EnergyShield	0.54	0.49	0.58	0.53	0.58	0.53	0.29	0.25	0.27	0.48	0.39	0.43
3/16 Solex/ 3/16 EnergyShield	0.54	0.49	0.58	0.53	0.58	0.53	0.31	0.26	0.29	0.53	0.43	0.48

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.