

International Window 6920/21/60 Residential 3/4" Insulating Glass Unit Performance

Sliding Glass Door	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
DS clear/ DS clear	0.64	0.63	0.66	0.63	0.64	0.63	0.66	0.52	0.59	0.71	0.54	0.62
3/16 clear/ 3/16 clear	0.66	0.64	0.70	0.67	0.70	0.67	0.63	0.50	0.56	0.70	0.54	0.61
1/4 clear/ 1/4 clear	0.69	0.66	N/A	N/A	0.70	0.66	0.62	N/A	0.55	0.69	N/A	0.61
DS EnergyShield/ DS clear	0.50	0.46	0.52	0.48	0.50	0.46	0.33	0.26	0.29	0.61	0.47	0.53
3/16 EnergyShield/ 3/16 clear	0.53	0.48	0.59	0.54	0.59	0.54	0.33	0.26	0.29	0.60	0.46	0.53
1/4 EnergyShield/ 1/4 clear	0.57	0.51	N/A	N/A	0.59	0.53	0.33	N/A	0.29	0.59	N/A	0.52
DS EnergyShield Xtreme/ DS clear	0.50	0.46	0.52	0.48	0.50	0.46	0.25	0.20	0.22	0.47	0.36	0.42
3/16 EnergyShield Xtreme/ 3/16 clear	0.53	0.48	0.59	0.54	0.59	0.54	0.25	0.20	0.23	0.47	0.36	0.41
DS bronze/ DS clear	0.64	0.63	0.66	0.63	0.64	0.63	0.55	0.43	0.48	0.53	0.40	0.46
3/16 bronze/ 3/16 clear	0.66	0.64	0.70	0.67	0.70	0.67	0.49	0.38	0.43	0.46	0.35	0.40
1/4 bronze/ 1/4 clear	0.69	0.66	N/A	N/A	0.70	0.66	0.45	N/A	0.40	0.41	N/A	0.36
3/16 Solarcool/ 3/16 clear	0.66	0.64	0.70	0.67	0.70	0.67	0.32	0.26	0.29	0.18	0.14	0.16
DS grey/ DS clear	0.64	0.63	0.66	0.63	0.64	0.63	0.51	0.40	0.45	0.47	0.36	0.42
3/16 grey/ 3/16 clear	0.66	0.64	0.70	0.67	0.70	0.67	0.44	0.35	0.39	0.39	0.30	0.35
1/4 grey/ 1/4 clear	0.69	0.66	N/A	N/A	0.70	0.66	0.41	N/A	0.36	0.34	N/A	0.30
DS greylite # 31/ DS clear	0.64	0.63	0.66	0.63	0.64	0.63	0.41	0.32	0.37	0.24	0.18	0.21
1/4 greylite # 14/ 1/4 clear	0.69	0.66	N/A	N/A	0.70	0.66	0.31	N/A	0.27	0.11	N/A	0.09
DS Azurelite/ DS clear	0.64	0.63	0.66	0.63	0.64	0.63	0.43	0.34	0.38	0.61	0.47	0.53
3/16 Azurelite/ 3/16 clear	0.66	0.64	0.70	0.67	0.70	0.67	0.37	0.30	0.33	0.56	0.43	0.49
DS bronze/ DS EnergyShield	0.50	0.46	0.52	0.48	0.50	0.46	0.32	0.26	0.29	0.45	0.35	0.40
3/16 bronze/ 3/16 EnergyShield	0.53	0.48	0.59	0.54	0.59	0.54	0.30	0.24	0.26	0.39	0.30	0.34
DS grey/ DS EnergyShield	0.50	0.46	0.52	0.48	0.50	0.46	0.32	0.26	0.29	0.45	0.35	0.40
3/16 grey/ 3/16 EnergyShield	0.53	0.48	0.59	0.54	0.59	0.54	0.27	0.22	0.24	0.34	0.26	0.30
DS Azurelite/ DS EnergyShield	0.50	0.46	0.52	0.48	0.50	0.46	0.32	0.25	0.28	0.52	0.40	0.46
3/16 Azurelite/ 3/16 EnergyShield	0.53	0.48	0.59	0.54	0.59	0.54	0.30	0.23	0.26	0.48	0.37	0.42
3/16 Solex/ 3/16 EnergyShield	0.53	0.48	0.59	0.54	0.59	0.54	0.31	0.25	0.28	0.53	0.41	0.47

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.