

## Performance Data of Basic Types of Laminated Glass

Thickness	Color	Laminated Glass Makeup	Visible Light Trans %	SHGC	Winter U-Factor
1/4"	Clear	1/8" Clear Glass + 0.030" Clear PVB + 1/8" Clear Glass	88	0.79	1
5/16"	Clear	1/8" Clear Glass + 0.090" Clear PVB + 1/8" Clear Glass	88	0.76	0.96
3/8"	Clear	3/16" Clear Glass + 0.030" Clear PVB + 3/16" Clear Glass	87	0.76	0.97
7/16"	Clear	3/16" Clear Glass + 0.090" Clear PVB + 3/16" Clear Glass	87	0.72	0.94
1/2"	Clear	1/4" Clear Glass + 0.030" Clear PVB + 1/4" Clear Glass	87	0.75	0.96
9/16"	Clear	1/4" Clear Glass + 0.090" Clear PVB + 1/4" Clear Glass	86	0.74	0.92
1/4"	Gray	1/8" Gray Glass + 0.030" Clear PVB + 1/8" Clear Glass	61	0.65	1
1/4"	Gray	1/8" Clear Glass + 0.030" Gray PVB + 1/8" Clear Glass	43	0.62	1
1/4"	Gray	1/8" Gray Glass + 0.030" Clear PVB + 1/8" Gray Glass	42	0.55	1
5/16"	Gray	1/8" Gray Glass + 0.090" Clear PVB + 1/8" Clear Glass	60	0.63	0.96
5/16"	Gray	1/8" Gray Glass + 0.090" Clear PVB + 1/8" Grey Glass	41	0.55	0.96
5/16"	Gray	1/8" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 1/8" Clear Glass	43	0.60	0.96
3/8"	Gray	3/16" Gray Glass + 0.030" Clear PVB + 3/16" Clear Glass	49	0.56	0.98
3/8"	Gray	3/16" Clear Glass + 0.030" Gray PVB + 3/16" Clear Glass	43	0.58	0.98
3/8"	Dark Gray	3/16" Gray Glass + 0.030" Clear PVB + 3/16" Gray Glass	28	0.46	0.98
7/16"	Gray	3/16" Gray Glass + 0.090" Clear PVB + 3/16" Clear Glass	49	0.55	0.94
7/16"	Dark Gray	3/16" Gray Glass + 0.090" Clear PVB + 3/16" Gray Glass	28	0.46	0.94
7/16"	Gray	3/16" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 3/16" Clear Glass	43	0.57	0.94
1/2"	Gray	1/4" Gray Glass + 0.030" Clear PVB + 1/4" Clear Glass	43	0.53	0.97
1/2"	Gray	1/4" Clear Glass + 0.030" Gray PVB + 1/4" Clear Glass	42	0.57	0.97
9/16"	Gray	1/4" Gray Glass + 0.090" Clear PVB + 1/4" Clear Glass	43	0.52	0.93
9/16"	Gray	1/4" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 1/4" Clear Glass	42	0.56	0.93
1/4"	Bronze	1/8" Clear Glass + 0.030" Bronze PVB + 1/8" Clear Glass	52	0.64	1
1/4"	Bronze	1/8" Bronze Glass + 0.030" Clear PVB + 1/8" Clear Glass	67	0.67	1
1/4"	Bronze	1/8" Bronze Glass + 0.030" Clear PVB + 1/8" Bronze Glass	51	0.59	1
5/16"	Bronze	1/8" Bronze Glass + 0.090" Clear PVB + 1/8" Clear Glass	66	0.65	0.96
5/16"	Bronze	1/8" Bronze Glass + 0.090" Clear PVB + 1/8" Bronze Glass	50	0.58	0.96
3/8"	Bronze	3/16" Clear Glass + 0.030" Bronze PVB + 3/16" Clear Glass	51	0.6	0.98
3/8"	Bronze	3/16" Bronze Glass + 0.030" Clear PVB + 3/16" Clear Glass	57	0.6	0.98
3/8"	Dark Bronze	3/16" Bronze Glass + 0.030" Clear PVB + 3/16" Bronze Glass	38	0.51	0.98
7/16"	Bronze	3/16" Clear Glass + 0.030" Bronze PVB + 0.060" Clear PVB + 3/16" Clear Glass	51	0.59	0.94
7/16"	Bronze	3/16" Bronze Glass + 0.090" Clear PVB + 3/16" Clear Glass	57	0.59	0.94
7/16"	Dark Bronze	3/16" Bronze Glass + 0.090" Clear PVB + 3/16" Bronze Glass	38	0.51	0.94
1/2"	Bronze	1/4" Clear Glass + 0.030" Bronze PVB + 1/4" Clear Glass	50	0.58	0.97
9/16"	Bronze	1/4" Clear Glass + 0.030" Bronze PVB + 0.060" Clear PVB + 1/4" Clear Glass	50	0.57	0.93
1/4"	Green	1/8" Green Glass + 0.030" Clear PVB + 1/8" Green Glass	75	0.57	1
1/4"	Green	1/8" Green Glass + 0.030" Clear PVB - 1/8" Clear Glass	82	0.65	1
5/16"	Green	1/8" Green Glass + 0.090" Clear PVB + 1/8" Green Glass	75	0.56	0.96
5/16"	Green	1/8" Green Glass + 0.090" Clear PVB + 1/8" Clear Glass	81	0.64	0.96
3/8"	Dark Green	3/16" Green Glass + 0.030" Clear PVB + 3/16" Green Glass	69	0.52	0.98
3/8"	Green	3/16" Green Glass + 0.030" Clear PVB + 3/16" Clear Glass	78	0.59	0.98
1/2"	Green	1/4" Green Glass + 0.030" Clear PVB + 1/4" Green Glass	75	0.57	0.97
9/16"	Green	1/4" Green Glass + 0.090" Clear PVB + 1/4" Clear Glass	77	0.59	0.94
9/16"	Dark Green	1/4" Green Glass + 0.090" Clear PVB + 1/4" Green Glass	69	0.52	0.94
1/4"	White	1/8" Clear Glass + 0.030" White PVB + 1/8" Clear Glass	63	0.65	1
5/16"	White	1/8" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 1/8" Clear Glass	63	0.64	0.96
3/8"	White	3/16" Clear Glass + 0.030" White PVB + 3/16" Clear Glass	62	0.63	0.99
7/16"	White	3/16" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 3/16" Clear Glass	62	0.62	0.95
1/2"	White	1/4" Clear Glass + 0.030" White PVB + 1/4" Clear Glass	61	0.61	0.98
9/16"	White	1/4" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 1/4" Clear Glass	61	0.6	0.94