

Performance Results

1/8"
(3mm)
Single pane clear

Product description	% Solar energy transmittance	% Solar energy absorptance	% Solar energy reflectance	% Visible light transmittance	% Visible light reflectance exterior	% Visible Light Reflectance interior	Emissivity	Winter U-Factor (Btu hr/ft ² °F)	Shading coefficient	Solar heat gain coefficient	% Ultraviolet light blocked (300 to 380 nanometers)	% Total Solar Energy Rejected
Decorative												
Clear Frost	59	22	19	65	25	27	0.87	5.79	0.78	0.67	>99	33
Black Opaque	0	95	5	0	6	7	0.87	5.79	0.42	0.36	>99	64
White Opaque	14	34	52	9	70	84	0.88	5.79	0.31	0.27	>99	73
Ecolux												
Ecolux 70	43	29	28	68	13	4	0.09	0.61	0.55	0.48	>99	73
Low E												
Silver AG 50 Low E	35	35	30	51	24	27	0.37	0.78	0.50	0.43	>99	52
Silver AG 25 Low E	14	42	44	22	41	48	0.33	0.75	0.27	0.23	>99	72
Quantum												
Quantum/Silver/Quantum 20	18	75	7	22	8	6	0.85	1.04	0.48	0.41	>99	57
Quantum/Silver/Quantum 10	7	70	23	9	24	22	0.85	1.04	0.33	0.28	>99	72
Sentinel Plus												
Sentinel Plus 4 Mil Clear OSW	78	14	8	89	10	10	0.90	1.04	0.95	0.82	>99	18
Sentinel Plus Stainless Steel 45 OSW	43	43	14	46	15	12	0.88	1.04	0.65	0.56	>99	44
Sentinel Plus Stainless Steel 40 OSW	37	46	17	39	18	16	0.87	1.04	0.58	0.50	>99	50
Sentinel Plus Stainless Steel 15 OSW	13	49	38	13	40	36	0.83	1.04	0.32	0.27	>99	73
Sentinel Plus Stainless Steel 25 OSW	23	50	27	24	28	26	0.86	1.04	0.43	0.37	>99	63
Sentinel Plus Silver 35 OSW	25	29	46	34	41	37	0.78	1.04	0.39	0.33	>99	67
Sentinel Plus Silver 20 OSW	11	25	64	16	61	58	0.76	1.04	0.22	0.18	>99	82
Sentinel Plus SX 50 OSW	36	31	33	48	27	25	0.78	1.04	0.52	0.45	>99	55

Performance results based on 1/8" (3mm) single pane clear glass using LBNL Window 5.2 and NFRC conditions.

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Silver												
Silver 50	39	38	23	53	23	22	0.77	1.00	0.58	0.50	>99	50
Silver 35	25	38	37	34	38	36	0.73	0.98	0.42	0.36	>99	64
Silver 20	12	35	53	16	58	58	0.70	0.97	0.25	0.21	>99	79
Grey/Silver/Grey 10	12	64	25	6	10	10	0.79	1.01	0.35	0.30	>99	70
Grey/Silver 15	9	61	30	8	11	49	0.72	0.98	0.31	0.27	>99	74
Solar Bronze												
Solar Bronze 50	29	34	37	45	23	21	0.69	0.96	0.45	0.38	>99	62
Solar Bronze 35	21	35	44	35	29	27	0.68	0.95	0.35	0.30	>99	70
Solar Bronze 20	12	38	50	22	37	36	0.66	0.94	0.26	0.22	>99	78
Stainless Steel												
Stainless Steel 50	44	44	12	48	13	11	0.89	1.07	0.67	0.57	>99	43
Stainless Steel 35	39	48	13	42	15	13	0.88	1.06	0.62	0.53	>99	47
Stainless Steel 20	22	55	23	24	28	25	0.84	1.04	0.45	0.38	>99	62
Stainless Steel 10	9	55	37	9	43	42	0.79	1.01	0.29	0.25	>99	75
TrueVue												
TrueVue 40	38	40	22	39	14	10	0.75	0.99	0.57	0.49	>99	51
TrueVue 30	27	41	32	31	22	13	0.75	0.99	0.45	0.39	>99	61
TrueVue 15	9	40	51	12	45	23	0.75	0.99	0.24	0.20	>99	80
TrueVue 5	6	43	51	5	45	8	0.75	0.99	0.21	0.18	>99	82
ULR												
ULR 70	50	43	7	73	8	8	0.92	1.08	0.73	0.63	>99	37
ULR 40	36	58	6	41	6	6	0.94	1.09	0.63	0.54	>99	46
ULR 20	30	65	5	23	5	5	0.92	1.09	0.58	0.50	>99	50

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