



ARCHITECTURAL

Film Performance Results

Performance results were generated from testing 1/8" (3mm) thick clear glass and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Performance results are subject to variations within industry standards.

Film Type	Adhesive		Solar Energy			Visible Light				E	Thermal Energy				UV Light T%	Total Solar Energy Rejected (%)
	PSA	CDA	T%	A%	R%	T%	A%	Exterior R%	Interior R%		Summer U-Value	Winter U-Value	SC	SHGC		
Stainless Steel																
Stainless Steel 50 Formerly Stainless Steel 150	•	•	44	44	12	48	39	13	11	.89	1.13	1.13	.66	.57	<2	43
Stainless Steel 35 Formerly Stainless Steel 160		•	39	48	13	42	43	15	13	.88	1.13	1.13	.61	.53	<2	47
Stainless Steel 30 Formerly Stainless Steel 165	•		31	52	17	34	46	20	17	.86	1.13	1.12	.53	.46	<2	54
Stainless Steel 20 Formerly Stainless Steel 175	•	•	22	55	23	23	49	28	25	.84	1.12	1.11	.43	.37	<2	63
Stainless Steel 10 Formerly Stainless Steel 190	•		9	55	36	9	48	43	42	.79	1.10	1.08	.28	.24	<2	76
Quantum																
Quantum/Silver/Quantum 20		•	22	61	17	22	60	18	14	.83	1.10	N/A	.45	.39	<2	61
Quantum/Silver/Quantum 10		•	8	74	18	10	71	19	N/A	.85	1.16	N/A	.35	N/A	<2	70
Solar Bronze																
Solar Bronze 50 Formerly Solar Bronze 150	•	•	29	34	37	45	32	23	21	.69	1.01	1.03	.44	.38	<2	62
Solar Bronze 35 Formerly Solar Bronze 165	•	•	21	36	43	35	36	29	27	.68	1.00	1.03	.35	.30	<2	70
Solar Bronze 20 Formerly Solar Bronze 175	•	•	12	39	49	22	41	37	37	.66	1.00	1.02	.25	.22	<2	78
Aluminum																
Silver 50	•	•	35	34	31	47	24	29	27	.77	1.05	1.07	.51	.44	<2	56
Silver 35 Formerly Silver 60	•	•	25	39	36	34	29	37	36	.73	1.04	1.05	.41	.35	<2	64
Silver 20 Formerly Silver 80	•	•	11	37	52	16	26	58	58	.70	1.02	1.04	.24	.21	<2	79
Grey/Silver 15 Formerly Grey/Silver 85		•	9	62	29	8	81	11	49	.72	1.07	1.05	.30	.26	<2	74
Bronze/Silver 15 Formerly Bronze/Silver 85	•	•	7	57	36	8	73	19	59	.71	1.06	1.04	.26	.22	<2	77
Gold/Silver 20 Formerly Gold/Silver 80	•		11	41	48	15	33	52	59	.69	1.02	1.03	.25	.21	<2	78
Grey/Silver/Grey 10 Formerly Grey/Silver/Grey 90	•	•	11	64	25	6	83	11	10	.79	1.11	1.08	.34	.29	<2	70
Bronze/Silver/Bronze 10 Formerly Bronze/Silver/Bronze 90	•	•	11	63	26	8	78	14	14	.70	1.06	1.04	.33	.28	<2	71
Summer/Winter Low-Emissivity																
Silver Ag 25 Low-E Formerly Summer/Winter 25	•		14	42	44	22	37	41	49	.33	.80	.84	.26	.23	<2	77

Legend

T = Transmittance A = Absorptance R = Reflectance E = Emissivity U-Value = Heat Transfer Coefficient SC = Shading Coefficient
 SHGC = Solar Heat Gain Coefficient UV = Ultraviolet

Notes:

1. Bekaert Specialty Films, LLC is a participating member of AIMCAL, the Association of Industrial Metallizers, Coaters and Laminators. All data reported on performance results has been tested using ASHRAE, ASTM, IWFA and AIMCAL calculations and test procedures. Performance results are subject to variations within industry standards and only intended for estimating purposes.
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