

Performance Results

1/4"
(6mm)
Single Pane Clear

Product Description	SOLAR ENERGY			VISIBLE LIGHT			Emissivity	% Winter U-Factor (Btu hr/ft ² °F)	Shading Coefficient	Solar Heat Gain Coefficient	Solar Selectivity Index- Luminous Efficacy (LT/SC)	Light to Solar Heat Gain Factor (LT/SHGC)	% Ultraviolet Light Blocked (300 to 380 Nanometers)	% Total Solar Energy Rejected	% Summer Solar Heat Gain Reduction	% Glare Reduction
	% Transmittance	% Absorptance	% Reflectance	% Transmittance	% Reflectance Exterior	% Reflectance Interior										
Clear Glass	77	16	7	89	9	9	.84	1.02	.94	.82	.94	1.09	34	18	-	-
SPECTRALLY SELECTIVE FILMS - clear dry adhesive																
Hilite 70	35	36	29	71	9	9	.77	.99	.53	.45	1.34	1.57	>99	55	44	20
Sterling 70	52	33	15	68	13	12	.75	.97	.71	.62	.96	1.11	>99	38	24	23
Sterling 60	45	34	20	62	17	16	.78	.99	.64	.55	.97	1.13	>99	45	32	30
Sterling 50	33	40	28	49	25	24	.69	.94	.51	.44	.95	1.11	>99	56	46	45
Sterling 40	26	41	33	41	32	30	.68	.94	.43	.37	.94	1.09	>99	63	54	54
Sterling 20	14	45	42	22	44	42	.67	.93	.30	.26	.74	.85	>99	74	68	75
REFLECTIVE FILMS - clear dry adhesive																
Slate 50	34	45	22	47	24	24	.76	.98	.54	.46	.86	1.01	>99	54	43	47
Slate 40	32	48	20	44	17	12	.81	1.00	.54	.46	.81	.94	>99	54	43	51
Slate 30	21	54	25	29	23	14	.84	1.02	.43	.37	.68	.79	>99	63	54	67
Slate 20	15	53	32	22	30	17	.84	1.02	.37	.31	.61	.72	>99	69	61	75
Slate 10	8	51	41	12	43	21	.82	1.01	.27	.23	.43	.50	>99	77	71	87
Autumn Bronze 30	21	47	32	33	23	16	.77	.99	.40	.35	.83	.96	>99	65	57	62
SAFETY FILMS - pressure sensitive adhesive																
4 Mil Sterling 60	43	35	22	61	19	18	.72	.96	.61	.52	1.00	1.16	>99	48	35	31
4 Mil Slate 40	33	48	19	44	17	14	.78	.98	.54	.47	.82	.95	>99	53	43	50
8 Mil Slate 40	33	48	19	44	17	15	.78	.98	.54	.47	.82	.95	>99	53	43	50
SA4	73	19	8	87	9	9	.90	1.05	.91	.79	.96	1.11	>99	21	3	1
SA8	69	21	10	83	13	12	.88	1.03	.87	.75	.95	1.10	>99	25	7	7

SC = Shading Coefficient SHGC = Solar Heat Gain Coefficient VLT = Visible Light Transmission
TOTAL SOLAR ENERGY REJECTED = Amount of solar energy reflected by glass

1. Performance results were generated using LBNL Window 5.2, and calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Performance results are subject to variations within industry standards.

2. These test data contain only results arrived at after employing specific test procedures and standards. The included data do not constitute a recommendation for, endorsement of, or certification of the product or material tested. These data are provided for informational purposes only and are not to be considered part of the basis of any bargain or transaction involving Bekaert Specialty Films, LLC's ("Bekaert") products. Bekaert makes no representation or warranty, expressed or implied, including the implied warranties of merchantability or fitness for a particular purpose, that its products will conform to these test data. Bekaert's limited warranty should be carefully reviewed prior to purchasing any Bekaert product. Extrapolation of data from the sample or samples relating to the batch or lot from which data were obtained may not correlate and should be interpreted accordingly with caution. Bekaert shall not be responsible for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by persons or under conditions over which Bekaert has no control.

3. Performance results for summer solar heat gain reduction and glare reduction are calculated by comparing filmed glass to that of untreated glazing.

