

Performance Results

1/4" + 1/4"
(6mm + 6mm)
Double Pane Clear
with 1/2" (12mm) air space

Product Description	SOLAR ENERGY			VISIBLE LIGHT				% 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	% Absorbance	% Reflectance	% Transmittance	% Reflectance Exterior	% Reflectance Interior	Emissivity									
Clear Glass	61	28	12	79	15	15	.84	.47	.81	.70	.98	1.13	50	30	-	-
SPECTRALLY SELECTIVE FILMS - clear dry adhesive																
Hilite 70	30	47	23	64	15	13	.77	.46	.57	.49	1.11	1.29	>99	51	30	20
Sterling 70	42	42	16	61	18	16	.75	.46	.69	.60	.89	1.03	>99	40	15	23
Sterling 60	37	44	19	56	22	19	.78	.46	.64	.55	.88	1.01	>99	45	21	29
Sterling 50	27	49	24	44	29	26	.69	.45	.56	.48	.78	.92	>99	52	31	45
Sterling 40	22	51	27	37	34	31	.68	.45	.50	.43	.74	.85	>99	57	38	53
Sterling 20	12	55	33	20	44	43	.67	.45	.41	.35	.50	.58	>99	65	49	74
REFLECTIVE FILMS - clear dry adhesive																
Slate 50	27	52	21	42	28	26	.76	.46	.59	.51	.72	.83	>99	49	27	47
Slate 40	26	55	19	39	22	13	.81	.47	.60	.52	.65	.76	>99	48	26	50
Slate 30	17	60	23	27	27	15	.84	.47	.54	.46	.49	.57	>99	54	33	66
Slate 20	13	61	27	20	33	17	.84	.47	.49	.42	.42	.49	>99	58	40	74
Slate 10	6	61	33	11	43	21	.82	.47	.41	.35	.26	.30	>99	65	49	87
Autumn Bronze 30	17	57	26	30	27	17	.77	.46	.50	.43	.60	.70	>99	57	38	62
SAFETY FILMS - pressure sensitive adhesive																
4 Mil Sterling 60	35	45	21	55	24	22	.72	.46	.62	.53	.88	1.03	>99	47	23	31
4 Mil Slate 40	26	55	19	40	22	15	.78	.46	.60	.52	.66	.77	>99	48	26	50
8 Mil Slate 40	26	55	19	40	22	15	.78	.46	.60	.52	.66	.77	>99	48	26	50
SA4	58	30	12	78	16	16	.90	.48	.80	.69	.97	1.13	>99	31	1	2
SA8	55	32	14	74	19	18	.88	.48	.77	.67	.96	1.11	>99	33	5	6

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.

