

Performance Results

1/8"
(3mm)
Single Pane Clear

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	% Absorptance	% Reflectance	% Transmittance	% Reflectance Exterior	% Reflectance Interior	Emissivity									
Clear Glass	83	10	8	90	9	9	.84	1.04	1.00	.86	.92	1.05	27	15	-	-
SPECTRALLY SELECTIVE FILMS - clear dry adhesive																
Hilite 70	37	28	35	72	9	9	.77	1.00	.52	.45	1.39	1.62	>99	55	48	20
Sterling 70	56	27	17	69	13	13	.75	.99	.74	.64	.94	1.09	>99	36	26	23
Sterling 60	49	28	23	63	17	16	.78	1.02	.65	.56	.97	1.12	>99	44	35	30
Sterling 50	35	33	32	49	26	24	.69	.96	.51	.44	.97	1.13	>99	56	49	45
Sterling 40	28	34	39	41	33	30	.68	.95	.43	.37	.96	1.12	>99	63	57	54
Sterling 20	15	37	49	23	45	42	.67	.95	.29	.24	.78	.92	>99	76	71	75
DUAL REFLECTIVE FILMS - clear dry adhesive																
Slate 50	36	39	25	47	25	24	.76	1.00	.54	.47	.88	1.01	>99	53	46	47
Slate 40	34	43	23	44	18	12	.81	1.02	.54	.47	.82	.95	>99	53	46	51
Slate 30	23	48	30	30	24	14	.84	1.04	.43	.37	.70	.81	>99	63	57	67
Slate 20	16	47	37	23	31	17	.84	1.04	.35	.30	.65	.76	>99	70	65	75
Slate 10	8	44	48	12	44	21	.82	1.03	.24	.21	.49	.57	>99	79	76	87
Autumn Bronze 30	23	40	38	34	23	16	.77	1.00	.39	.34	.86	1.00	>99	66	61	63
SAFETY FILMS - pressure sensitive adhesive																
4 Mil Sterling 60	46	28	26	62	20	19	.72	.98	.62	.53	1.00	1.16	>99	47	38	31
4 Mil Slate 40	35	42	23	45	15	14	.78	1.01	.55	.47	.82	.96	>99	53	45	50
8 Mil Slate 40	35	42	23	45	17	14	.78	1.01	.55	.47	.82	.96	>99	53	45	50
SA4	79	13	8	89	9	9	.90	1.07	.96	.83	.93	1.07	>99	17	4	1
SA8	75	14	11	84	13	12	.88	1.06	.91	.79	.93	1.07	>99	21	9	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.

