

Solar Control



Slate series 4 Shades Available

Maximized heat rejection for excellent energy savings and payback time. Window films that are dual reflective – offering increased privacy while maintaining views from the interior.

- Low interior reflectance maintains views to the outside, especially at night.
- High heat rejection results in improved indoor comfort.
- UV blockers protect people and property from damaging UV rays.

CX Series 3 Shades Available

Ceramic products leverage solar absorbing technology to provide high heat rejection without sacrificing views.

- Advanced sputtered ceramic technology rejects up to 58% of total solar energy resulting in improved indoor climate control and total comfort.
- Low visible reflectivity provides uncompromising views to the outside while maintaining the natural appearance of the exterior.
- Exceptional durability makes it optimal for use in demanding coastal environments
- UV blockers protect people and property from damaging UV rays.

Hilite Series 4 Shades Available

Hilite is SolarSafe and Secures flagship product line and is manufactured with 16 layers of nickel, gold and silver. This non-reflective window film is designed to block 98% of the infrared radiation.

- Industry leading “spectral selectivity” by blocking heat out while letting the light in.
- Less visibly reflective than clear glass -providing superior optical clarity.
- High heat rejection results in improved indoor comfort.
- UV blockers protect people and property from damaging UV rays.

Warranty - We offer a Lifetime residential, and a 12 year commercial warranty that covers film, labor and color change.

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PERFORMANCE RESULTS



Product Name/Description	SOLAR ENERGY			VISIBLE LIGHT			Emissivity	Winter U-factor (Btu hr/ft ² °F)	Shading coefficient	Solar heat gain coefficient	Light to solar heat gain ratio (LT/SHGC)	Ultraviolet light blocked @ 300 to 380 nm %	Total solar energy rejected %	Solar heat gain reduction (%)	Glare reduction (%)	Winter heat loss reduction (%)
	Transmittance %	Total solar absorbance %	Solar energy reflectance %	Transmittance %	Reflectance exterior %	Reflectance interior %										
Single clear	83	9	8	90	9	9	.84	1.04	.98	.86	1.05	27	14	-	-	-
SPECTRALLY SELECTIVE FILMS																
Hilite® 80	54	21	25	80	9	10	.78	1.01	.69	.60	1.33	>99	40	30	11	3
Hilite® 70	37	28	35	72	9	9	.77	1.00	.52	.45	1.61	>99	55	48	20	4
Hilite® 55	34	36	30	59	8	8	.78	1.01	.51	.44	1.33	>99	56	48	34	3
Hilite® 40	27	43	30	42	6	7	.75	.99	.46	.40	1.05	>99	60	53	53	5
Hilite® 25	19	53	28	23	6	6	.77	1.00	.40	.35	.65	>99	65	59	75	4
Hilite® 15	17	60	23	12	5	6	.74	.99	.40	.35	.35	>99	65	60	87	5
CERAMIC FILMS																
CX 60	50	38	12	61	11	9	.85	1.04	.71	.62	.99	>99	38	28	32	0
CX 50	39	46	15	51	13	11	.83	1.03	.61	.53	.96	>99	47	38	44	1
CX 35	26	53	21	37	17	15	.79	1.01	.48	.42	.89	>99	58	51	59	3
DUAL REFLECTIVE FILMS																
Slate 40	34	43	23	44	18	12	.81	1.02	.54	.47	.94	>99	53	45	51	2
Slate 30	23	48	29	30	24	14	.84	1.04	.43	.37	.80	>99	63	56	67	0
Slate 20	16	48	36	23	31	17	.84	1.04	.35	.31	.74	>99	69	64	75	0
Slate 10	8	45	47	12	45	21	.82	1.03	.25	.22	.54	>99	78	75	87	1
SAFETY FILMS																
8 Mil Hilite® 70	38	30	32	72	10	10	.79	1.01	.54	.47	1.53	>99	53	45	20	3
8 Mil Slate 40	35	42	23	45	17	14	.78	1.00	.55	.48	.94	>99	52	44	50	4

1 Infrared rejection = 1 - average unweighted transmittance using ASTM E 903.

Performance results generated using LBNL Window 7.2 and NFRC standards. For full details and additional information please visit www.solargard.com/panorama.

Contact Us for a Free Estimate

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