



» ARCHITECTURAL WINDOW FILMS

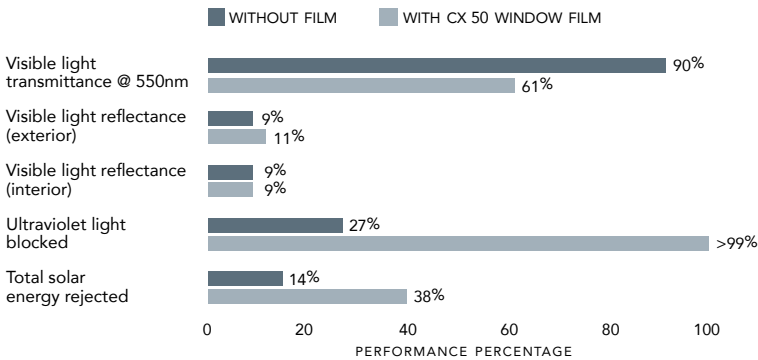
Solar Gard® CX 60

CX 60 offers noticeable heat control and lets you enjoy the natural light from and look of your original windows, both inside and outside.

View the world through advanced engineering. With a superior level of durability, the CX Ceramic Series offers an attractive balance of solar heat rejection and low reflectance. With a natural appearance that maintains views, this film line is ideal for demanding coastal environments.



Film performance (Comparison testing 1/8" (3mm) thick clear glass)



www.solargard.com



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Solar Gard® CX 60

Performance Parameters for Different Window Types

	1/8" (3mm) Single clear		1/4" (6mm) Single clear		1/8" (3mm) Double clear		1/4" (6mm) Double clear	
	No film	CX 60	No film	CX 60	No film	CX 60	No film	CX 60
Visible light								
Transmittance %	90	61	89	61	81	56	79	54
Reflectance exterior %	9	11	9	11	16	18	15	17
Reflectance interior %	9	9	9	9	16	12	15	12
Glare reduction %	-	32	-	32	-	31	-	32
Solar energy								
Transmittance %	83	50	77	45	69	42	61	36
Absorptance %	9	38	16	45	18	42	27	51
Reflectance %	8	12	7	10	13	16	12	13
Total solar energy rejected %	14	38	18	41	24	36	30	40
Infrared rejection @ 780 to 2500 nm % ¹	20	57	28	64	-	-	-	-
Shading coefficient	.98	.71	.94	.68	.87	.74	.81	.70
Solar heat gain coefficient	.86	.62	.82	.59	.76	.64	.70	.60
Light to solar heat gain ratio (VLT/SHGC)	1.05	.99	1.08	1.02	1.08	.87	1.13	.89
Solar heat gain reduction %	-	28	-	28	-	15	-	14
Thermal energy								
Emissivity	.84	.85	.84	.85	.84	.85	.84	.85
Winter U-factor (Btu hr/ft ² °F)	1.04	1.04	1.02	1.03	.48	.48	.47	.47
Summer U-factor (Btu hr/ft ² °F)	.94	.94	.92	.93	.50	.51	.50	.50
Winter heat loss reduction %	-	0	-	-1	-	0	-	0
Ultraviolet light								
Blocked @ 300 to 380 nm %	27	>99	34	>99	41	>99	50	>99
Fade control								
Tdw-ISO @ 300 to 700 nm % ²	85	40	82	40	74	36	70	36

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

² Tdw-ISO is the percentage of transmitted light that causes fading. A lower number means more protection against fading.



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

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