

PANORAMA® STERLING® 60

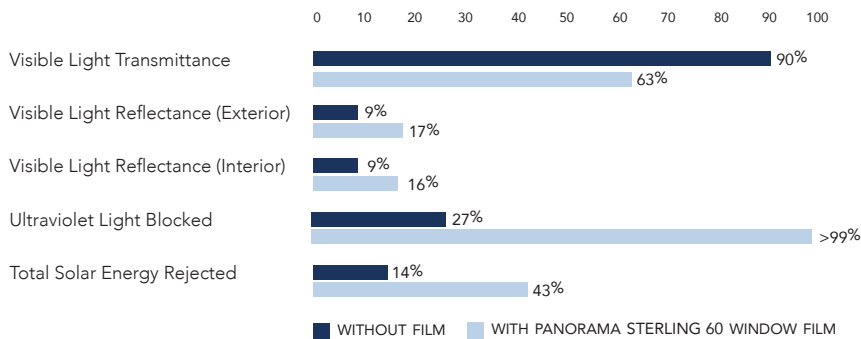


INTERIOR VIEW

PANORAMA® STERLING® 60

Sterling 60 offers moderate heat and glare reduction, added privacy and ample natural light. This film is lightly tinted, with a subtle reflective finish inside and outside.

Comparison of performance on 1/8" (3mm) thick clear glass.



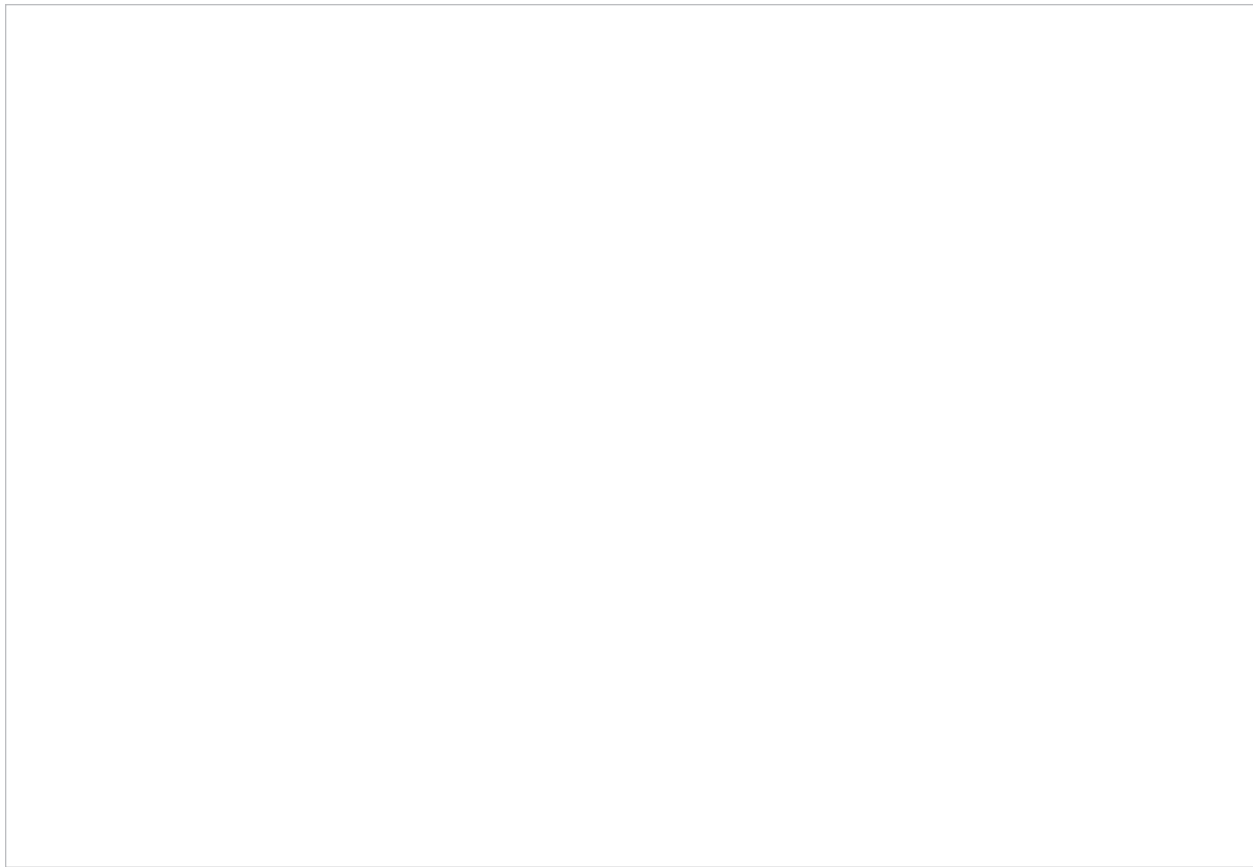
The Sterling Series offers a high level of visible light transmission and solar energy performance, generally with relatively higher reflectance.



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PANORAMA® STERLING® 60



Performance Parameters for Different Window Types

	1/8" (3mm) Single clear		1/4" (6 mm) Single clear		1/8" (3mm) Double clear		1/4" (6mm) Double clear	
	No film	Sterling 60	No film	Sterling 60	No film	Sterling 60	No film	Sterling 60
Visible light								
Transmittance %	90	63	89	62	81	58	79	56
Reflectance exterior %	9	17	9	17	16	22	15	22
Reflectance interior %	9	16	9	16	16	19	15	19
Glare reduction %	-	30	-	30	-	29	-	29
Solar energy								
Transmittance %	83	49	77	45	69	41	61	37
Absorptance %	9	28	16	35	18	35	27	44
Reflectance %	8	23	7	20	13	24	12	19
Total solar energy rejected %	14	43	18	44	24	42	30	44
Infrared rejection @ 780 to 2500 nm % ¹	20	70	28	86	-	-	-	-
Shading coefficient	.98	.65	.94	.64	.87	.66	.81	.64
Solar heat gain coefficient	.86	.57	.82	.56	.76	.58	.70	.56
Light to solar heat gain ratio (VLT/SHGC)	1.05	1.11	1.08	1.12	1.08	1.00	1.13	1.01
Solar heat gain reduction %	-	34	-	32	-	24	-	21
Thermal energy								
Emissivity	.84	.78	.84	.78	.84	.78	.84	.78
Winter U-factor (Btu hr/ft ² °F)	1.04	1.01	1.02	.99	.48	.47	.47	.46
Summer U-factor (Btu hr/ft ² °F)	.94	.90	.92	.89	.50	.49	.50	.49
Winter heat loss reduction %	-	3	-	3	-	2	-	2
Ultraviolet light								
Blocked @ 300 to 380 nm %	27	>99	34	>99	41	>99	50	>99

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

EXTERIOR VIEW



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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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