Silver AG 50 Low E

Solar Gard[®] Solar Control Window Films

Performance results	1/8" (3mm)	1/4" (6mm)	1/4"+1/4" (6mm+6mm)
Visibl <mark>e ligh</mark> t			
Transmittance %	53	52	47
Reflectance exterior %	23	22	26
Reflectance interior %	25	25	27
Glare reduction %	42	42	41
Solar energy			
Total solar energy rejected %	55	56	52
Solar heat gain coefficient	.45	.44	.48
Energy distribution			
Transmittance %	37	35	29
Absorptance %	35	41	49
Reflectance %	28	24	22
Thermal energy			
Emissivity	.37	.37	.37
Winter U-Factor (BTU hr/ft ² °F)	.78	.77	.40
Fade control			
UV Tdw-ISO @ 300 to 700 nm %	38	38	34
Fade reduction %	55	54	51
Ultraviolet light blocked @ 300 to 380 nm %	>99	>99	>99

All performance results are based on the film installed on the inside surface of 1/8" (3mm), 1/4" (6mm) 1/4"+1/4" (6mm+6mm) thick, clear glass.

Physical properties nominal

Gauge

2.0 mil (50 micron)

Film performance

Performance results were generated from testing 1/4" (6mm) thick clear glass.

	WITHOU	IT FILM	WITH SILVE	r ag 50 wind	OW FILM	
Visible light transmittance			5	2%		89%
Visible light reflectance (exterior)	9%	22%				
Visible light reflectance (interior)	9%	25%	b			
Ultraviolet light blocked @ 300 to 380 nm			34%			>99%
Total solar energy rejected		18%		56%		
	0	20 P	40 PERFORMANCE P	60 ercentage	80	100

Notes

- 1. Performance results are calculated using NFRC methodology and $\ensuremath{\mathsf{LBNL}}$ Window software, and are subject to variations within industry standards and only intended for estimating purposes. This data is provided for informational purposes only and are subject to normal manufacturing variances.
- 2. Performance results for glare and fade reduction are calculated by comparing filmed glass to that of untreated glazing.



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