

A better environment inside and out.™

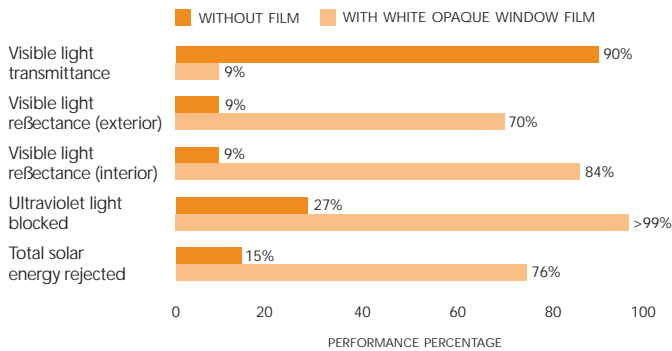
Solar Gard® Solar Control Window Films

# White Opaque

	4mm single	4mm double
Solar energy		
% Transmittance	14	12
% Absorptance	33	42
% Reflectance	53	46
Visible light		
% Transmittance	9	9
% Reflectance exterior	70	68
% Reflectance interior	84	84
Emissivity	.88	.88
Winter U-Factor (W/m <sup>2</sup> °C)	5.99	2.74
Shading coefficient	.28	.36
Solar heat gain coefficient	.24	.31
Solar selectivity index - luminous efficacy (VLT/SC)	.33	.24
Light to solar heat gain factor (VLT/SHGC)	.38	.28
% Ultraviolet light blocked (@ 300 to 380 nm)	>99	>99
% Total solar energy rejected	76	69
% Summer solar heat gain reduction	72	58
% Glare reduction	90	89

Gauge	50 microns
Tensile strength	2,100 kg/cm <sup>2</sup>
Melting point	260 – 265°C

Performance results were generated from testing 4mm thick clear glass.



All performance results are based on the film installed on the inside surface of 4mm and 4mm+4mm thick, clear glass.



- Solar Gard is a participating member of AIMCAL (the Association of Industrial Metallizers, Coaters and Laminators), IWFA, and EWFA. Performance results are calculated using NFRC methodology and LBNL Window 5.2 software, and are subject to variations within industry standards and only intended for estimating purposes.
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- Performance results for summer solar heat gain reduction and glare reduction are calculated by comparing filmed glass to that of untreated glazing.

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