

Safety & Security Window Films

Stainless Steel 30

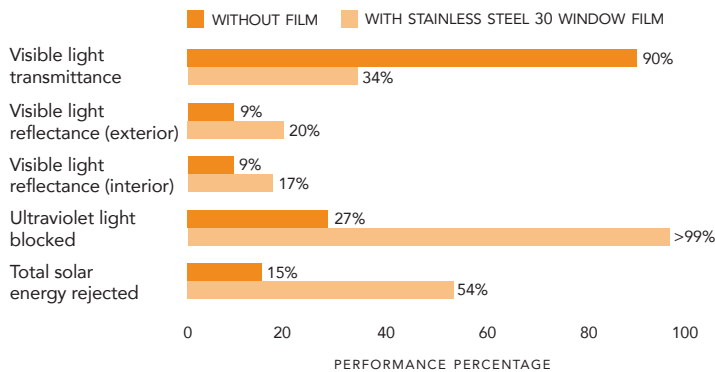
Performance results	1/8" (3mm)	1/4" (6mm)	1/8" + 1/8" (3mm+3mm)
Solar energy			
% Transmittance	31	28	26
% Absorptance	53	57	55
% Reflectance	17	15	19
Visible light			
% Transmittance	34	33	31
% Reflectance exterior	20	19	25
% Reflectance interior	17	17	18
Emissivity	.86	.86	.86
Winter U-Factor (W/m ² C)	5.96	6.24	2.72
Shading coefficient	.54	.52	.64
Solar heat gain coefficient	.47	.45	.55
Solar selectivity index – luminous efficacy (VLT/SC)	.62	.63	.48
Light to solar heat gain factor (VLT/SHGC)	.72	.73	.56
% Ultraviolet light blocked @ 300 to 380 nm	>99	>99	>99
% Total solar energy rejected	54	55	45
% Summer solar heat gain reduction	46	45	26
% Glare reduction	63	63	62

Physical properties nominal

Gauge	2.0 mil (50 micron)
Tensile strength	30,000 lbs/in ² (2,110 kg/cm ²)

Film Performance

Performance results were generated from testing 1/8" (3mm) thick clear glass.



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

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SKEX0314SS30AU 02/12
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Notes

- 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.

