A better enviroment inside and out.™

Solar Gard® Solar Control Window Films

Clear Frost

Performance results

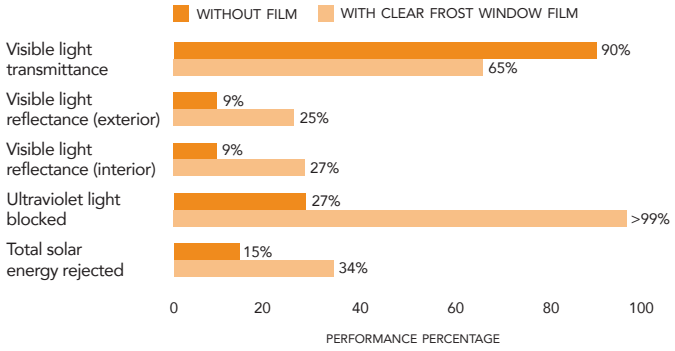
	4mm single	4mm double
Solar energy		
% Transmittance	60	50
% Absorptance	21	29
% Reflectance	19	21
Visible light		
% Transmittance	65	59
% Reflectance exterior	25	29
% Reflectance interior	27	30
Emissivity	.87	.87
Winter U-Factor (W/m²°C)	5.96	2.74
Shading coefficient	.76	.71
Solar heat gain coefficient	.66	.62
Solar selectivity index - luminous efficacy (VLT/SC)	.85	.83
Light to solar heat gain factor (VLT/SHGC)	.99	.96
% Ultraviolet light blocked (@ 300 to 380 nm)	>99	>99
% Total solar energy rejected	34	38
% Summer solar heat gain reduction	22	16
% Glare reduction	27	26

Physical properties nominal

Gauge	50 microns
Tensile strength	2,100 kg/cm²
Melting point	260 – 265°C

Film performance

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.

Notes

1. 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.
2. These test data contain only results arrived at after employing specific test procedures and standards. The included data do not constitute a recommendation for, endorsement of, or certification of the product or material tested. These data are provided for informational purposes only and are not to be considered part of the basic representation or warranty, expressed or implied, including the implied warranties of merchantability or fitness for a particular purpose, that its products will conform to these test data. Solar Gard's limited warranty should be carefully reviewed prior to purchasing any Solar Gard product. Extrapolation of data from the sample or samples relation to the batch or lot from which data were obtained may not correlate and should be interpreted accordingly with caution. Solar Gard shall not be responsible for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by persons or under conditions over which Solar Gard has no control.
3. Performance results for summer solar heat gain reduction and glare reduction are calculated by comparing filmed glass to that of untreated glazing.

www.solargard.com

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