A better environment inside and out.™

Safety & Security Window Films

Armorcoat® 4 Mil Stainless Steel 35

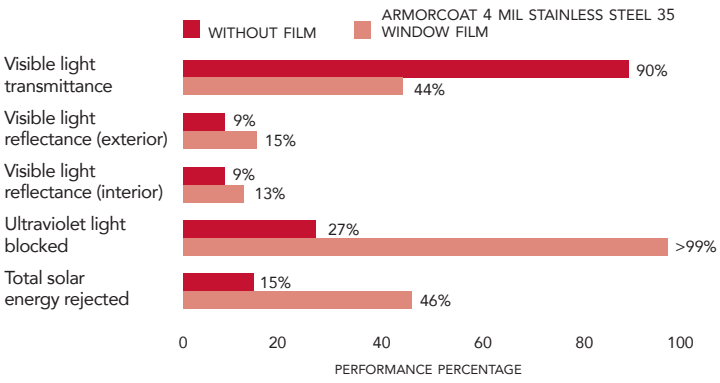
Performance results	4mm single	4mm double
Solar energy		
% Transmittance	41	33
% Absorptance	46	51
% Reflectance	13	16
Visible light		
% Transmittance	44	40
% Reflectance exterior	15	21
% Reflectance interior	13	14
Emissivity	.84	.84
Winter U-Factor (W/m²°C)	5.88	2.72
Shading coefficient	.63	.68
Solar heat gain coefficient	.54	.59
Solar selectivity index – luminous efficacy (VLT/SC)	.70	.59
Light to solar heat gain factor (VLT/SHGC)	.82	.68
% Ultraviolet light blocked (@ 300 to 380 nm)	>99	>99
% Total solar energy rejected	46	41
% Summer solar heat gain reduction	36	20
% Glare reduction	51	50

Physical properties nominal

Gauge	100 micron
Peel strength	985 g/cm
Tensile strength	2,110 kg/cm²
Break strength	22 kg/cm
ASTM D4830 puncture test	32 kg

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 vis 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.

Armorcoat Safety & Security Films www.solargard.co.uk

Solar Gard® SAINT-GOBAIN

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Please recycle

50% recycled materials