

Silver AG 50 Low-E

Year round energy and cost savings

Our environmentally friendly window film helps you achieve energy and carbon savings, improving the winter heat loss reduction up to 24%**.

Low E window film can reduce your home's energy consumption during both cold and warm periods, providing year round energy and cost savings:

Improved comfort

Promotes more comfortable temperatures in every season, day and night

Smart savings

A sustainable upgrade that increases year-round energy savings and reduces carbon usage

Natural day lighting

Allows high visible light transmission with minimal heat, giving you clear views while preventing hot spots

UV protection

Rejects 99% of UV radiation to reduce the risk of skin cancer and fading on furniture and flooring

Winter heat loss reduction

Starts working immediately after installation and improves your windows' insulating properties by up to 24%

* Winter Heat Loss Reduction: The percentage by which heat energy loss through a given glazing system is reduced by the addition of an insulating material.

** 4mm Single pane clear glass



Solar Gard® Silver AG 50 Low-e Window Film

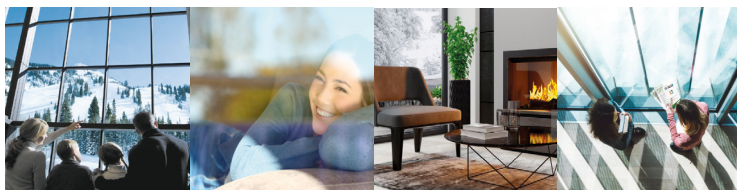
Feel Good Inside.

The low-e window film that adapts to the weather for comfort and energy savings all year round.

Solar Gard® Solar Control Window Films

Silver AG 50 Low-E

Interior
Film

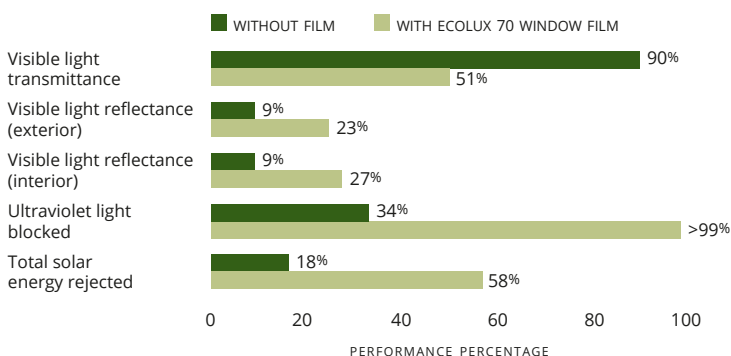


Performance results

	4mm single clear	4mm double clear
Visible light		
Transmittance %	51	47
Reflectance exterior %	23	28
Reflectance interior %	27	29
Glare reduction %	43	43
Solar energy		
Total solar energy rejected %	58	51
Solar heat gain coefficient	.42	.49
Transmittance %	36	32
Absorptance %	37	40
Reflectance %	27	28
Selective infrared energy rejected (SIRR) 280-2500nm %	83	86
Infrared energy rejected (IRER) 780-2500nm %	69	61
Thermal energy		
Emissivity	.37	.37
Winter U-Factor (W/m ² °C)	4.4	2.4
Fade control		
Fading factor (Tdw-ISO @300-700 nm) %	39	35
Fade reduction coefficient %	54	53
Ultraviolet light		
Blocked @300 to 380 nm %	>99	>99

Film performance

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



Notes

- Performance results are calculated using NFRC methodology and 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.
- Performance results for glare and fade reduction are calculated by comparing filmed glass to that of untreated glazing.

Only available through an Ecolux authorized dealer.

www.solargard.eu

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