A better environment inside and out. ™

Solar Gard®Solar Control Window Films

Ecolux™ 70

Discover the window film that does it all.

Our environmentally friendly Ecolux window film helps you achieve energy and carbon savings, improving insulation performance by up to 88%*.

By combining a low-e coating with solar control properties, we've developed an Innovative window-insulating film technology that out performs solar control films:

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

Insulation improvement

Installing Ecolux onto your existing glass can increase your insulation ability by 88%.* It's like double-glazed performance at a quarter of the price.

88% insulation improvement based on annual averaged R-value calculation. Annual averaged U-value calculation is 47% improvement. (6mm Single pane clear glass.)

Solar Gard® Ecolux™

Low-e Window Film

Feel Good Inside.

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

Solar Gard® SAINT-GOBAIN

A better environment inside and out. ™

Solar Gard®Solar Control Window Films

Ecolux™ 70

Without Ecolux window film

With Ecolux window film

Performance results

	4mm
Visible light	
Transmittance %	68%
Reflectance exterior %	13%
Reflectance interior %	4%
Glare reduction %	24%
Solar energy	
Transmittance %	43%
Absorptance %	31%
Reflectance %	26%
Total solar energy rejected %	52%
Solar heat gain coefficient	0.48%
Summer solar heat gain reduction %	43%
Light to solar gain ratio (VLT/SHGC)	1.42
Thermal energy	
Emissivity	0.09
Winter U-Value (W/m²°C)	3.45
Summer U-Value (W/m²°C)	2.52
Ultraviolet light	
Blocked @ 300 to 380 nm %	>99%

Physical properties nominal

Gauge	3.0 mil (75 micron)

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, winter heat loss reduction, and glare reduction are calculated by comparing filmed glass to that of untreated glazing.
4. All performance results are based on the film installed on the inside surface of 3mm, 6mm and 3mm + 12mm air + 3mm.

www.solargard.com/au

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