

# Solar Gard® Ecolux™

Feel Good Inside.™



Get comfortable with the window film that does it all.



## Eco

Sustainable

Energy savings

Cost-effective



## Luxury

Maximum comfort

Highest quality

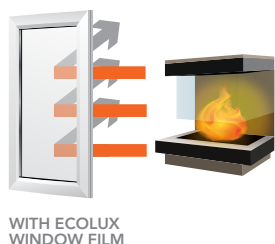
Superior performance

# Ecolux, the next generation in low-emissivity window film from Solar Gard.

Benefits enjoyed with Ecolux dual-action state-of-the-art technology

## SUMMER BENEFITS

On warm days solar heat is rejected, requiring less cooling to maintain a comfortable environment and save energy.



## WINTER BENEFITS

During winter, heat is reflected back into the room, requiring less heating to maintain a comfortable environment and save energy.



Year-round comfort and energy savings.

## The ultimate in energy-efficient window film from Solar Gard

This state of the art Low Emissivity (often referred to as Low-E) film offers year round energy savings and comfort through its combination of superior solar control properties and unique coating.

Applied internally to glass, together these advanced technologies keep the sun and ambient heat out in summer, while the special Low-E coating for winter works to reflect the radiant heat back into the room.

Ultimately you'll be reducing energy usage and keeping cooling and heating costs down all year round.

Comfortable temperatures,  
every day.



Solar Gard® Ecolux™  
Feel Good Inside.™



Without **Ecolux** window film



With **Ecolux** window film

# Every window becomes an energy and cost saving system.

"Since Ecolux was installed on my poolside windows I have been coming home to a more noticeably comfortable house" reports Mark Gason of NSW. "I am using my heater less, notice a marked improvement in glare, and am impressed by the clarity of the film."

In addition to improved winter warmth Ecolux will reduce over half of the incoming summer heat. Ecolux equals comfortable temperatures, every day.

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 on single pane glass based on annual averaged R-Value calculation. Annual averaged U-Value calculation is 47% improvement.

R-value measures resistance to heat flow and is the standard insulation measurement for non-glazing building materials. U-value is the opposite and measures the amount of heat flow. (U-value is the standard measurement for glazing.)

## THE IMPORTANCE OF COMFORT

Studies show that feeling comfortable at work or home can help us be more productive



Slightly lower-than-average room temperatures are associated with higher accuracy on simulated tasks and reduced sick leave.



Daylight and windows positively impact well being and may help reduce stress.

"Indoor temperature, productivity," HVAC&R Research, 2007, 13(4), 623-633

**Ecolux** is the next generation of technically advanced window film with superior performance and energy savings. You will reap the benefits of insulation comparable to double-glazed windows, minus the enormous price tag. Plus it only takes minutes to be professionally installed!

Its state-of-the-art low-e technology is sophisticated, but what it does is simple. Dual-action Ecolux helps keep heat out in summer and reflects heat back into the room in winter.

With a Skin Protection Factor (SPF) of 700+, Ecolux applied to your windows provides the ideal solution for protecting your skin from the sun's damaging UVA and UVB rays.

Cooler in summer and warmer in winter.



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## Benefits you can expect:

- Balanced summer and winter comfort
- Highest protection against harmful UV rays - 99% reduction or SPF 700+
- Significantly reduce interior furnishings from fading
- Maximise comfort zones (less hot or cold spots and more even temperatures)
- Maximise natural light

## Ecolux snapshot:

Solar heat rejection	✓✓✓✓ Good
Room heat retention	✓✓✓✓✓ Excellent
See-through visibility	✓✓✓✓✓ Excellent
Glare reduction	✓ Low
Fade reduction	✓✓✓✓ Good
Skin cancer protection	✓✓✓✓✓ Excellent
Low 'mirror' appearance	✓✓✓✓✓ Excellent





For over 30 years, Solar Gard has been one of the most trusted and popular window film lines in the world. Sold through company-owned distribution centers and independent dealers and distributors, Solar Gard window films are installed on thousands of buildings and millions of vehicles worldwide.





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## Protect. Save. Renew.

Smart solutions that positively impact lives.

### About Solar Gard®

Headquartered in San Diego, California, Solar Gard makes industry leading architectural and automotive window films, photovoltaics and custom coatings. A division of Saint-Gobain Performance Plastics, a subsidiary of Saint-Gobain, the world leader in the habitat and construction markets, Solar Gard's architectural solar control window films are proven carbon negative and reduce global greenhouse gas emissions. Solar Gard products are sold in more than 90 countries under the Solar Gard®, Quantum® and Solar Gard Armorcoat® brands. For more information, please visit: [www.solargard.com](http://www.solargard.com)

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