



## Notice

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## Press release

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### **Solar Gard® Offers New Cost-Efficient Energy Saving Option to Replacement Windows**

***New retrofit window film outperforms low e windows by providing energy savings at a lower cost and lower carbon footprint***

[Solar Gard®](#) has announced a new retrofit option for homeowners and facility managers that gives standard glass the performance of low emissivity windows, at a cost savings of up to 80% over replacement low e windows.

Solar Gard Silver AG 50 Low E window film transforms standard glass into high performance windows, reducing energy consumption year-round, lowering costs associated with heating and cooling, and improving a building's carbon footprint.

#### **Product benefits**

Windows are a major cause of energy loss, both in winter and summer. During colder periods, Solar Gard's new low e window film reflects 63% of interior heat back into a room, while only 16% of interior heat is reflected back into a room with untreated windows. During warmer periods, Solar Gard Silver AG 50 reflects solar heat away from windows, keeping interiors cooler and reducing the need for air conditioning. Solar Gard Silver AG 50 has the highest visible light transmission (VLT) of any low e window film on the market, allowing more natural light into a building and preserving views.

Solar Gard's Silver AG 50 Low E retrofit solution:

- Reduces winter heat loss
- Eliminates uncomfortable hotspots within a building
- Cuts energy consumption during cold and warm weather
- Provides almost two-thirds more UV protection than low e windows
- Blocks 99% of the sun's damaging UVA and UVB rays
- Decreases glare on television, computer and other screens
- Allows natural daylight to illuminate interior rooms better than other insulating window treatments

### **Cost-effective and carbon negative**

Retrofitting existing windows with Solar Gard Silver AG 50 Low E Window Film is up to 80% less expensive than installing new low e windows. Applying low e window film takes only a fraction of the time it takes to install new windows, and is cleaner, quieter, generates less waste and is less disruptive to building occupants.

The building sector is a key part of the climate change problem with 23 percent of Australia's total greenhouse gas (GHG) emissions accounted for by the residential and commercial building sectors. In addition, <sup>1</sup>[Peer-reviewed analyses](#) show that the [carbon footprint](#) of Solar Gard window films is much lower than the carbon footprint of new windows. The carbon footprint of standard window types – including aluminium, wood, PVC and curtain wall glazing – is at least 250 times greater than the carbon footprint of Solar Gard's new low e window film.

### **Statement from Solar Gard**

“Facility managers and homeowners alike are looking for easy energy efficient upgrades, and Solar Gard continues to provide environmentally-responsible solutions,” said Paul Mealing, Managing Director at Solar Gard Australia.. “Improving window performance on buildings can reduce energy consumption and cooling costs and help to reduce greenhouse gas emissions in commercial buildings. Retrofitting with Solar Gard will help accomplish both goals, and window film offers benefits that low e glass does not, including broad spectrum UV protection. In addition, the cost benefit of retrofitting with Solar Gard window film compares very favourably with most other retro fit options, particularly replacement glazing.”

### **Availability**

A complete list of our products and professional dealers and installers can be found at [www.solargard.com.au](http://www.solargard.com.au) or by calling 02 9838 8888.

### **About Solar Gard**

Solar Gard positively impacts lives with products that protect, save and renew. Solar Gard's architectural, automotive and industrial films are manufactured by Bekaert Specialty Films, LLC in an ISO 14001:2004 and ISO 9001:2008 certified facility in California. With environmental responsibility as a core mission, Solar Gard has obtained and published its Environmental Product Declaration, proving that its architectural solar control window films are carbon negative and reduce global greenhouse gas emissions. Solar Gard products are sold in more than 90 countries and provide a living for thousands of entrepreneurs worldwide. For more information, visit: [www.solargard.com.au](http://www.solargard.com.au)

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<sup>1</sup><http://www.architecture.com.au/policy/media/Sustainability.pdf>