



## Notice

Since the production of this document, Solar Gard has been purchased by Saint-Gobain Performance Plastics Corporation. Solar Gard is now a subsidiary of Saint-Gobain. All references within this document to Bekaert, Bekaert Specialty Films or Bekaert Specialty Films LLC, including but not limited to legal notes, copy and or copyrights are null and void. All rights and responsibilities expressed or written within this document have been transferred from Bekaert Specialty Films, LLC to Saint-Gobain.

Saint-Gobain Performance Plastics  
Unit 13, Ball Mill Top Business Park  
Grimley, Worcestershire WR2 6LS  
United Kingdom  
Tel: +44 (0) 1905 640 400  
E-mail: [solargardukinfo@saint-gobain.com](mailto:solargardukinfo@saint-gobain.com)  
[www.solargard.co.uk](http://www.solargard.co.uk)



- Home
- Links
- About Us
- Agents
- Contact us
- Newsletter Sign up
- Release Your News
- Blog
- Shop
- Publications
- Advertise

Search:  All News

login:  password:    
 Remember me  [Click here](#) to retrieve password.

**Subscribe to Your Industry News**

Your News Headlines

- [Your Industry News](#)
- [Your Communication News](#)
- [Your Defence News](#)
- [Your Metal News](#)
- [Your Mining News](#)
- [Your Nuclear News](#)
- [Your Oil & Gas News](#)
- [Your Petrochemical News](#)
- [Your Project News](#)
- [Your Renewable News](#)
- [Your Ship Building News](#)
- [Your Subsea News](#)

Your Regional News

- [Africa](#)
- [North America](#)
- [South America](#)
- [Asia](#)
- [Europe](#)
- [Middle East](#)
- [Oceania](#)



posted in:

[Home](#) > [Renewable News](#), > [North America](#), > [Solar Gard offers new cost-efficient energy saving option to replacement windows](#)

## Solar Gard offers new cost-efficient energy saving option to replacement windows

Friday, Mar 18, 2011

Solar Gard® today introduced 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.

"Facility managers and homeowners alike are looking for easy energy efficient upgrades, and Solar Gard continues to provide environmentally-responsible solutions"

### 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.

Buildings produce 39% of global greenhouse gas emissions in the U.S.<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 Kathryn Giblin, Vice President of Marketing at Solar Gard. "Improving window performance on buildings can reduce energy consumption and cooling costs by up to 30%, and reduce greenhouse gas emissions by 10 to 40% 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."

### Availability

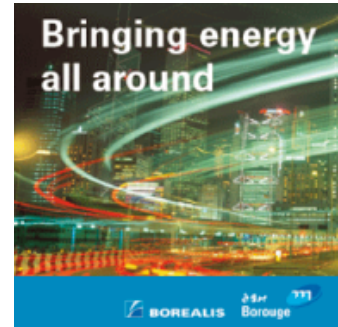
Additional product information or an energy audit of your home or business may be conducted through Solar Gard's professional [dealer network](#).

Source: [Business Wire](#)

Bookmark with:

- [Delicious](#)
- [Digg](#)
- [reddit](#)
- [Facebook](#)
- [StumbleUpon](#)
- [Twitter](#)
- [LinkedIn](#)

Advertisers



posted in:

[Home](#) > [Renewable News](#), > [North America](#), > [Solar Gard offers new cost-efficient energy saving option to replacement windows](#)

Copyright © 2010 [Red Mist Media](#) | All Rights Reserved

## Other Renewable News

[Here Enterprises' newly renovated cycle ranch speedway & wind park attracts feature events](#)

[Hanwha SolarOne reports fourth quarter 2010 and full year 2010 results](#)

[Xcel Energy and SunPower complete 19-megawatt Solar PV Plant, Colorado's largest to dates](#)

[TVA employees honored for research project](#)

[LDK Solar reports financial results for fourth quarter of fiscal 2010](#)

[Inovateus Solar and Solar Technology Manufacturers combine efforts to educate industry at solar summit March 29 - 31, 2011](#)

[Cenergy Power provides 579.6 kw of solar power to J. Marchini Farms](#)

[Reliant Energy powers 20 days of rodeo with 100 percent renewable energy](#)