



## 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)



Glasswire Links

[Glasswire Home](#)  
[View all articles](#)  
[Subscribe to Glasswire](#)



Latest Glasswire Newsletter

**Solar Gard Helps UK Firms Cut Office Cooling Costs With Energy-Efficiency Audit & Reports**  
 07 Dec 2009

CAPSOL Building Simulation Software Helps Businesses Predict Energy-Saving Impact, and Cost Benefits, of Installing Solar Control Window Film



London – December 1st, 2009 – Solar Gard® announced the availability of CAPSOL, an internationally-recognised energy-efficiency audit tool that helps businesses measure the impact of solar heat gain on, and the likely cost of cooling, their office buildings. The CAPSOL audit and Solar Gard’s corresponding consulting service can be used to predict the impact of retrofitting solar control window film and provide an accurate assessment of the resulting reduction in the building’s annual cooling costs.

CAPSOL is a complex modeling software tool that works by recreating a building’s exact properties. Then, using real local weather and construction material information, CAPSOL provides an accurate reading of future heat absorption by the building, as well as any subsequent energy savings once solar control window film is applied. CAPSOL can also estimate temperatures before and after window film is installed giving customers a deeper understanding of the comfort factors affecting occupants.

Other data supplied by CAPSOL analysis includes bespoke advice on heating and cooling times, a precise assessment of CO2 reduction and emissions, and a clear indication of likely peak energy usage.

Peter Reece, managing director of Solar Gard UK, said “The CAPSOL audit and Solar Gard’s reports give businesses the means to help accurately calculate the return on investment (ROI) of installing window film, over a given period, against likely cooling costs. Since the most traditional cooling choice is to simply crank up the air conditioning, CAPSOL helps demonstrate how window film can offer businesses an environmentally-friendly alternative that can also save them money.”

Saving energy and going green remains high on every UK corporate agenda. However, with UK meteorologists predicting annual temperature increases over the next few decades, the issue of cooling office buildings without increasing air conditioning is becoming an even greater challenge. To compound matters, impending EU legislation will soon require all businesses to publish details on their organization’s carbon footprint.

Reece concludes: “The use of air conditioning by businesses will continue to grow unless more environmentally-friendly options are explored. At present, up to 30 per cent of a company’s annual energy bill comes from air conditioning. Businesses need to look at every possible avenue to reduce their carbon footprint. Clearly, assessing the impact of window film on an office building, and evaluating this in terms of ROI, could prove to be a very smart move.”

**How to get a CAPSOL Audit**

Businesses wishing to book a CAPSOL audit for their building can call Solar Gard at 01905 640400. Please allow two weeks to complete the audit and report. There is a one-time audit fee of £1,995 which is fully redeemable against a future installation of solar control window film from Solar Gard.

**CAPSOL credentials**

In addition to being used by the International Energy Agency and the U.S. Department of Energy, CAPSOL is recognised by a number of respected EU and global standards bodies. These include:

- The International Organization for Standardization
- The European Union
- Centre for Window and Cladding Technology, University of Bath, U.K.

About Solar Gard®

Bekaert Specialty Films LLC, [www.bekaertfilms.com](http://www.bekaertfilms.com) is a global leader in the development, manufacture and distribution of specialty films for use as solar control and safety window films and for industrial applications. The company delivers solutions for safety, security, glare, energy use and CO2 emission reduction through a network of independent certified dealers and distributors in more than 60 countries under the Solar Gard®, Panorama®, Quantum® and Solar Gard® Armorcoat® brands. Bekaert Specialty Films also manufactures industrial films for the photovoltaic, electronics, medical, graphic arts and imaging, automotive and aerospace industries. ISO 14001:2004 certified, the company is the first in the industry to certify its carbon footprint, is a Climate Action Leader and is committed to environmental responsibility. Headquartered in San Diego, CA, Bekaert Specialty Films LLC is a subsidiary of the Bekaert group (Euronext Brussels: BEKB) a global company headquartered in Belgium with annual combined sales of €4 billion, more than \$5 billion.

More information on professionally-installed Solar Gard window film is available at [www.solargard.co.uk](http://www.solargard.co.uk). For media inquiries, samples or photography, contact [solargard@touchdownpr.com](mailto:solargard@touchdownpr.com).

Related articles in the category: [Glassex](#)

[View all Glasswire articles here](#)

