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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.¹ **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](#)

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