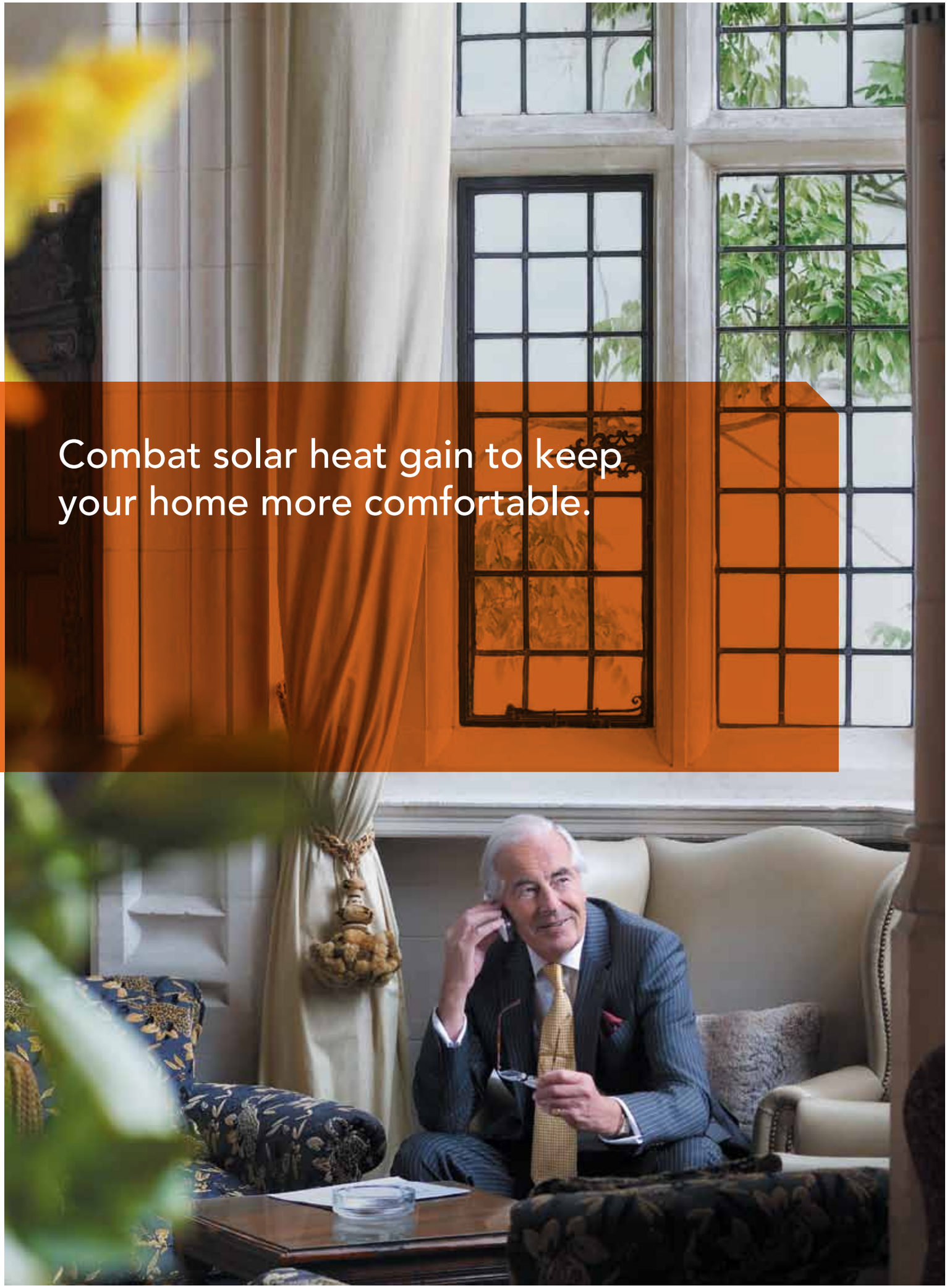
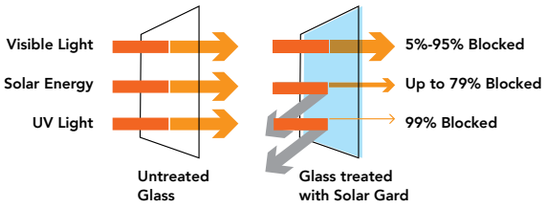
A better environment inside and out.®

Residential Window Films for Solar, Safety and Energy-Saving Solutions

Solar Gard® SAINT-GOBAIN



Combat solar heat gain to keep your home more comfortable.



Solar Gard blocks harmful rays while letting visible light through.

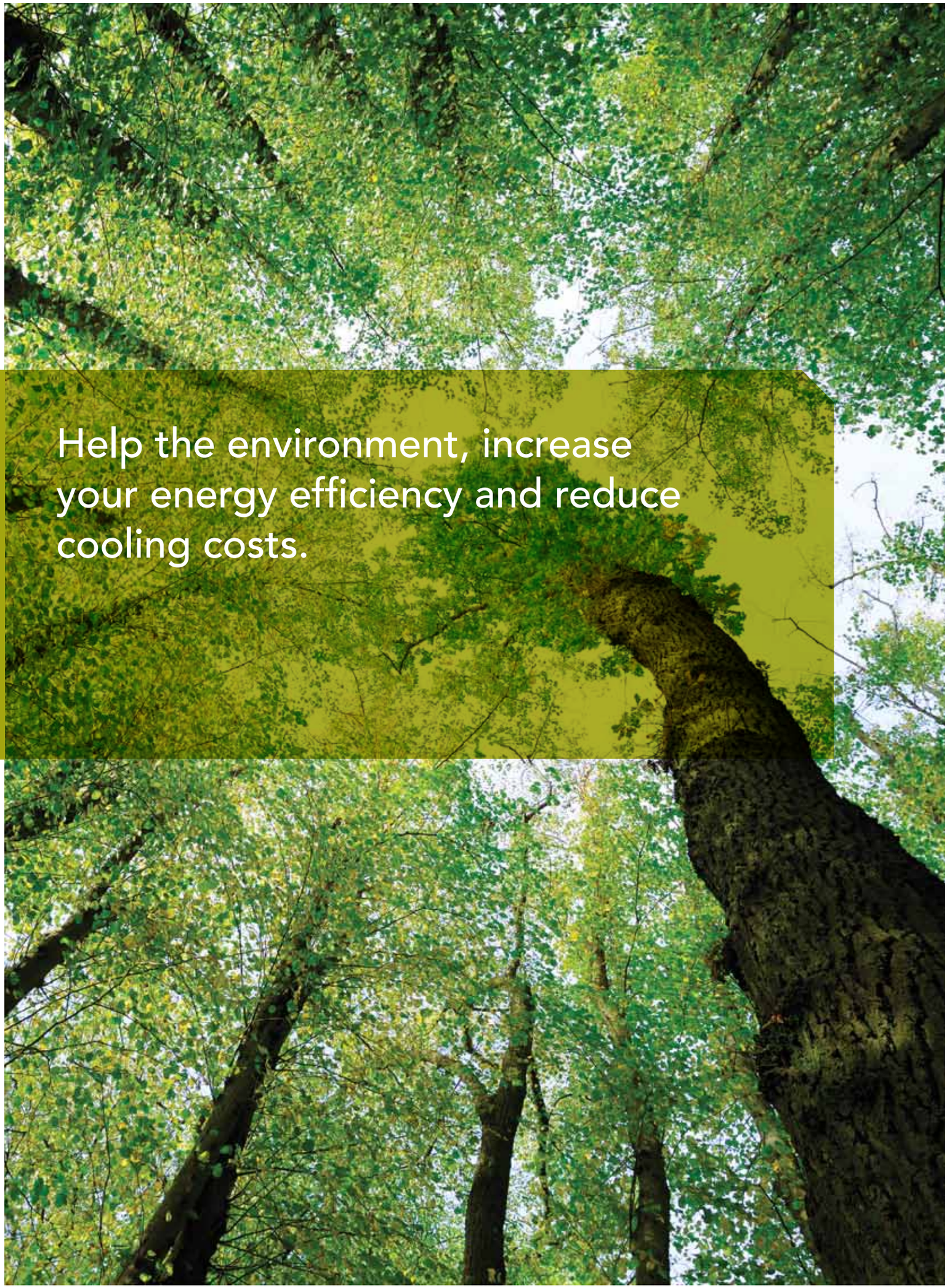
Practically invisible when installed onto glass, Solar Gard window films reject high levels of solar heat – offering you strong protection against bothersome glare, uncomfortable hotspots, and uneven temperature fluctuations. You'll feel an immediate difference upon installation. Solar Gard window films allow you to enjoy your home with your blinds wide open, without the excessive solar heat you'd expect.

Solar Gard® Solar Protection

Nothing adds life to your home more than great natural light, but it's also possible to have too much of a good thing. With natural sunlight comes unwanted heat and hotspots, which can really affect your overall comfort and make for a less inviting atmosphere. Solar Gard films reject up to 79% of solar energy – providing you greater temperature stability and comfort while reducing solar heat gain and bothersome glare.

Easy installation and maintenance

A trained installer will professionally fit window film to the inside of your existing windows. Many films are optically clear, meaning they're virtually undetectable inside or out. Others offer a tint or reflectivity that increases your privacy and enhances the look of your home. Maintenance is worry-free. Simply clean windows as you normally would.



Help the environment, increase your energy efficiency and reduce cooling costs.

"Solar Gard window film made an enormous difference in our home. We had hotspots in the house both front and back, and now the house is an even temperature throughout. Our friends admire the windows and have no idea we have any window film on them at all."

Homeowner – Sarasota, Florida

Solar Gard Energy Efficiency

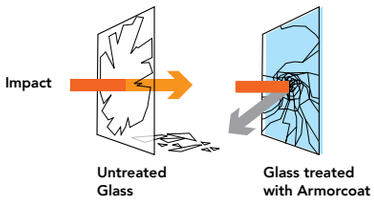
More and more, homeowners are interested in helping our environment and preserving precious resources. You can make a difference everyday simply by reducing your air conditioning usage. Solar Gard films help you do that by rejecting heat and keeping interior temperatures more controllable and stable. By running your air conditioning less, you consume less energy, reduce your carbon footprint and save money on utilities.

Energy-Consumption Comparison

Average annual energy consumption to cool home without window film	2655 kWh
Average annual energy consumption to cool home with Solar Gard window film	1400 kWh
Average annual reduction in energy consumption	1255 kWh
Average annual reduction percentage	47%

Data based on a 2,000 – 2,500 sq. ft. home. Projected results vary depending on climate, geography, home construction, thermostat setting, and type of window film installed.

Keep your family protected and improve the overall safety of your home.



Solar Gard Armorcoat safety films keep shattered glass intact, protecting your family and your home.

Anything from a kid's stray ball to severe weather can send dangerous shards of glass flying, subjecting your family to injury and your home to serious damage. Armorcoat safety films help keep dangerous shards together on impact, whether due to accidents, attempted burglary, or an act of nature.

Solar Gard Safety and Security

Your home is more than just a place for possessions. Which is exactly why it's worth protecting from anything and everything that can do it harm – accidental or not. Specially designed to hold shattered glass in place, Armorcoat® helps protect you and your family from dangerous shards of glass in the event of breakage and provides a deterrent barrier from burglary – giving you peace of mind that you, your loved ones and your valuables are safe and protected.

Armorcoat protects supersize estate

The largest home in Pinellas County, Florida is owned by 7-foot-1 former NBA player and real estate mogul Matt Geiger. The home spans 28,500 square feet and rests upon 40 acres of land. All of the home's expensive windows offer phenomenal views of Geiger's spectacular landscape, a 300,000-gallon water wonderland and his menagerie of exotic animals.

Yet, the same windows that offer these unprecedented views also posed a threat to his distinctive home accessories, beautiful high-end furnishings and exquisite hard-wood and stone flooring. These valuable possessions were vulnerable to two distinct harms: severe weather and ultraviolet light.

"When I learned that safety film helped to provide protection from broken glass in the event of severe weather, as well as ultraviolet radiation rejection, the decision was easy," said Geiger. What Geiger likes best is the that no one can tell he's had anything done to the windows.

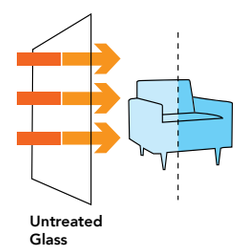
Keep your interiors from fading and protect your family from harmful ultraviolet light.

Solar Gard UV Protection

Even inside the house, you and your valuables are more exposed to sun damage than you probably realize. Ultraviolet light and solar heat coming through any window can cause fading and irreparable damage to the things you value most. Everything from your expensive artwork and furnishings, to hardwood floors, carpets and custom draperies are at risk. Even more important, so is your skin. Solar Gard films help by filtering visible light, rejecting solar heat and blocking over 99% of harmful UV light. With an SPF of 250+, Solar Gard window films significantly reduce your potential for damage and protect what you treasure most.

What causes fading?

Cause	% of Total Fade Damage
UV Light	40%
Visible Light	25%
Infrared Light	25%
Other Factors*	10%
Total Exposure	**100%**



In addition to the damaging effects UV light can have on your home's interior, it can do far worse damage to your skin. Two types of ultraviolet radiation, UVA and UVB, damage skin and increase your risk for skin cancer. UVB is the chief culprit behind sunburn, while UVA rays, which penetrate skin more deeply, are associated with wrinkling and other effects of photoaging. By blocking 99% of ultraviolet light, Solar Gard window films provide sunscreen-like protection while you're in your home.

*"Other Factors" include humidity, air quality, temperature and material construction.

Determining Which Film is Right for You

Determine your needs based on the needs of your home

Heat and Comfort
Whether it's your great room with expansive windows or sunroom off the kitchen, keep every area of your home a consistent, comfortable temperature.

Energy Consumption
Solar Gard window films are an easy retrofit to boost the energy efficiency of your home.

Safety and Security
Improve your protection against break-ins, vandalism and theft without changing the external appearance of your home.

Glare
Enjoy your views without having to use blinds to block excessive glare.

Fade Control
All Solar Gard window films block 99% of UV light, the primary cause of fading.

Appearance
Choose from a wide array of tints and colors, from optically clear to fully reflective, that allow you to change the appearance of your home as much or as little as you like.

Privacy
Protect your family from onlookers and passers-by with a reflective film that blocks views into your home.

Let us match your goals to the extensive product line from Solar Gard

Panorama® Hilite® Window Films
Reject solar heat, lower cooling costs, and block 99% of UV rays — protecting you and your belongings from harmful sun exposure.

Panorama Sterling® Window Films
Provide extraordinary solar energy rejection performance along with higher visible light transmission.

Panorama Slate Window Films
Boast exceptional solar rejection performance while maintaining views with reduced interior and exterior reflectance.

Stainless Steel Window Films
Provide extraordinary solar control with a subtle grey finish from the outside.

Solar Bronze Window Films
Feature a subtle exterior copper finish that naturally complements most home designs and landscapes.

Aluminum Window Films
Constructed of metals such as gold, silver and bronze for optimum privacy with dramatically reduced heat gain.

Low Emissivity Summer/ Winter Window Films
Protect from solar heat in the summer and also keep interior heat inside during the winter.

Decorative Window Films
Designed for privacy, with clear frost, black opaque and white opaque options.

Graffitigard®
A clear protective barrier, designed to be easily replaced, that protects painted and glass surfaces from permanent damage caused by vandals.

Armorcoat®
Safety and security films designed to reinforce glass and help keep shards in place in the event of breakage.

Feel confident in your purchase with professional installation and warranty coverage

Solar Gard offers strong warranty coverage for its line of Panorama and Solar Gard window films. Your investment in window film, and your home, is protected by a limited lifetime warranty. Ask your professional installer for details.

Solar Gard® SAINT-GOBAIN
Authorized Panorama® Dealer

Panorama films are only available through an authorized Panorama dealer.

Protect. Save. Renew.

Smart solutions that positively impact lives.

About Solar Gard®

Solar Gard positively impacts lives with products that protect, save and renew. 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, visit www.solargard.com.

www.solargard.com/us

Saint-Gobain Performance Plastics
4540 Viewridge Avenue
San Diego, CA 92123
Tel: 877-273-4364
E-mail: info@solargard.com

SK0141RES 05/14
© Copyright 2014, Saint-Gobain Performance Plastics Corporation and/or its affiliates
All Rights Reserved • www.solargard.com

Please recycle

Scan to explore

SAINT-GOBAIN