

What is solar protection film?

Solar protection film is the ideal solution for effectively reducing overheating and improving the comfort of your home or business. Take full advantage of your windows and bay windows while being protected from the heat. Our range includes clear, effective solar films! What are you looking for? How do I apply window film?

Why should you use solar window film?

With solar window film, enjoy the light without the sun's harmful effects. When windows are exposed to strong sunlight, the heat can quickly become unbearable. Solar protection film rejects up to 89% of solar energy and reduces UV transmission by 99%.

How effective is solar film?

The effectiveness of solar film is not solely based its Visible Light Transmission (VLT) values. Solar radiation is made up of three components, visible light, infrared (felt as heat) and the invisible ultraviolet rays. So, keeping the heat out is not as simple as blocking out visible light.

Why do you need a solar film?

Provides a high level of daytime privacy without having to close curtains or blinds. Applying solar films increases exterior privacy by preventing outsiders from seeing into the building while still giving you an open feel. Effectively blocks 99% of harmful UV rays and up to 80% of solar heat.

Which encapsulation film is used for photovoltaic modules?

The highly transparent, weather-resistant and anti-adhesive ETFE film is used for the front and rear surface protection of photovoltaic modules. The fluoropolymer film for photovoltaic modules provides a strong dirt-repellent effect to the outside, while on the inside it allows a strong connection to the encapsulation film.

Are solar and UV window film a good alternative?

As an alternative, solar and UV window film offers a cost-effective, low maintenance alternative. The primary cause of glare and fabric fading is UV rays from the sun. A lesser cause is continuous exposure to high temperatures and daylight.

Total solar energy rejected: 78 %: Solar ratio : Solar energy reflection: 42 %: Solar energy absorption: 44 %: Solar energy transmission: 14 %: Reduction in Solar Glare: ... 99.50% UV ...

Following the Solar Gard tradition of superior quality and value, the Supreme series film gives you enhanced driving comfort and more shades to choose from than ever before to customize the ...

Our new virtually invisible heat reduction and UV window protection film is the latest generation of high performance window films. It works by filtering out select wavelengths of the sun's infrared ...

Protection: Films can provide a protective layer for the solar cell, shielding it from environmental factors such as moisture and dust, and our UV blocking laminate eliminates UV radiation. This can help to extend the lifespan of the solar cell ...

Conservatory Solar Window Film For DIY Install Conservatory roof film and conservatory solar control window film to buy online Reduce solar energy and glare entering your conservatory by ...

Climate 35 is part of the specialist Climate range of window films, designed to deliver exceptional solar control performance. The highly developed manufacturing process results in a window ...

Understanding Total Solar Energy Rejected (TSER) Total Solar Energy Rejected is a measure of the amount of solar energy prevented from entering a building through its windows. It quantifies ...

Commercial Buildings: Security window films and solar protection films help reduce excessive heat and glare, increasing energy efficiency and comfort in workspaces. Office Spaces: Decorative window films offer style while ensuring ...

Paint Protection Film | OEM Window Film Solutions: UV Protection & Energy Efficiency. Top Colour Film Ltd. is a professional manufacturer specializing in high-performance solar control films and safety window films. Our products are ...

Upgrade your space with our energy-saving window film and unlock a world of benefits! Say goodbye to sweltering temperatures, high energy bills, and harmful UV rays. Our film offers ...

Reduce glare and block out the heat with solar control from Solarshade Window Films. Established in 1983 we supply and install across the UK. ... Reflective window film not only provides heat control and protection from the sun's UV ...

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