

Solar reflective glass





Overview

How does glass manage solar heat radiation?

Glass manages solar heat radiation by three mechanisms: reflectance, transmittance and absorptance. These are defined as follows: Reflectance – the proportion of solar radiation reflected back into the atmosphere. Direct transmittance – the proportion of solar radiation transmitted directly through the glass.

What is T-sunlux reflective glass?

T-Sunlux, is a specially designed magnetron coated glass, that provides the perfect combination of elegant aesthetics and high solar control. This high-performance solar control reflective glass specializes in blocking heat and is a great fit for architectural glass applications, where it helps to maintain the thermal comfort of the building.

What are solarcool® glasses?

Combined in a one-inch insulating glass unit (IGU) with clear glass, Solarcool® glasses offer an expansive palette of appearance and performance options with solar heat gain coefficients (SHGCs) ranging from 0.34 to 0.14 and exterior reflectance of up to 37 percent.

What is solar glass & how does it work?

Solar glass, or solar control glass is standard glass that has a specialist metallic coating applied to reflect away infrared radiation whilst allowing UV light through the glass. This results in a glass that can allow the maximum amount of light in balance with reducing the heat from the sun.



Solar reflective glass

SOLAR REFLECTIVE GLASS

Solar reflective Glass is produced by depositing one or more layers of nanoscale metal or (metal) compound thin films on float glass by ...

Solar Glass

Solar glass is a specialized low-iron, tempered soda-lime silicate glass, often enhanced with an anti-reflective coating. This combination delivers ultra-high light transmittance, superior ...

Solarcool Glass , Vitro Architectural Glass

Aesthetic & Performance Options Solarcool® glasses can be glazed with the reflective coating positioned on either the first or second surface. The glass has improved performance and ...

Solar Control Glass

Solar control glass can be an attractive feature of a building whilst at the same time minimising, or even eliminating the need for an air conditioning ...

Solar Control Glass

Solar control glass can be an attractive feature of a building whilst at the same time minimising, or even eliminating the need for an air conditioning system, reducing running costs of the building ...

Solar Reflective Glass Energy-saving Glass Factory 15 Years

Nov 12, 2025 · Solar Reflective Glass Solutions Use Sun's Power , VGC VGC is Solar Reflective glass Manufacturer and Supplier from China, the glass also known as one-way mirror or ...

Solarcool Glass , Vitro Architectural Glass

Aesthetic & Performance Options Solarcool® glasses can be glazed with the reflective coating positioned on either the first or second surface. The ...

SunGuard® Solar , Guardian Glass

SunGuard® Solar is a commercial solar control glass that helps to reflect the sun's energy. Making it ideal for applications when excessive solar heat gain could result in uncomfortable ...

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SOLAR REFLECTIVE GLASS

Solar reflective Glass is produced by depositing one or more layers of nanoscale metal or (metal) compound thin films on float glass by magnetron sputtering under high vacuum. The main



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Solar Reflective Glass Energy-saving Glass ...

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Solar Control Glass Explained

Solar control glass works through a combination of reflection, absorption, and transmission to regulate the amount of solar heat and light entering a building: Reflection: a portion of the ...

T-Sunlux

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