



WALMER ENERGY

Solar Thermal Glass





Overview

What are the different types of solar and thermal glass?

Our solar and thermal glass is available in different types. From invisible protection by in the form of a solar control coating on the glass (Briljant®) and mass-coloured glass and/or a reflective coating (Isolide Sun®), to fully integrated sun protection between the windows using Screenline®. Be inspired by our showcases.

What is solar and thermal glass?

Solar and thermal glass offer an environmentally friendly, energy-efficient solution without sacrificing daylight. Solar and thermal glass is used in offices, shops and public spaces, as well as in residential buildings. They offer a smart solution, especially for large window surfaces that get a lot of sunlight.

How does solar control glass work?

The indoor space remains bright but cooler compared to uncoated glass. In terms of thermal insulation performance, most of our solar control glass products - those with at least one silver coating, help reflect indoor heat back into the room and form a shield against the cold exterior.

Can solar control glass be combined with thermal insulating glass?

Solar control glass can be combined in an IGU with thermal insulating glass to further improve the thermal insulation performance and help keep temperatures comfortable for the building's occupants all year round. It can also be combined with laminated glass to provide safety and security features, as well as sound reduction.



Solar Thermal Glass

Solar control glass

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Solar control glass , SunGuard glass products , Guardian Glass

Thermal insulation In terms of thermal insulation performance, most of our solar control glass products - those with at least one silver coating, help reflect indoor heat back into the room ...

Top 10 Companies in the Photothermal Glass Industry ...

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Photovoltaic glass production line-SHANGHAI PONY ...

Solar glass is a high-performance material specifically designed for solar energy applications, primarily used in photovoltaic modules and solar thermal collectors.

Flat plate solar thermal collector glass,solar ...

Photothermal Solar Glass is a high performance low iron glass with high solar energy transmittance. When toughened, its strength and durability make it ...

Solar Thermal Glass

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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 ...

Flat plate solar thermal collector glass,solar thermal collector,solar

Photothermal Solar Glass is a high performance low iron glass with high solar energy transmittance. When toughened, its strength and durability make it the ideal choice for ...

Solar control glass , SunGuard glass products , Guardian ...

Solar Reflecting CoatingHow Is Solar Control Measured? Solar Heat Gain Or 'G' ValueLight to Solar Heat Gain (Lshg) Or SelectivityInsulated Glass UnitSolar control performance is achieved



through the use of a very thin, transparent, and permanent coating that helps limit the solar energy entering inside. It helps control solar gain to various levels depending on the coating while allowing natural daylight in and views on the outside. See more about how glass is coated. See more on guardianglass chemicalresearchinsight Top 10 Companies in the Photothermal Glass Industry ... Aug 11, 2025 · In this comprehensive analysis, we examine the Top 10 Photothermal Glass Manufacturers --industry pioneers developing cutting-edge solar glass technologies for power ...

Solar Technologies

Solar thermal collectors: We offer low iron float glass products with high solar transmission for use as cover plates in solar thermal collectors. These products can be combined with our anti ...

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