



ŁOTWA SYSTEM

Solar roof effect glass





Overview

What are the benefits of roof glazing & solar control glass?

Overhead glazing such as roof glazing can help reduce the need for artificial lighting, as well as provide a natural source of daylight to help brighten and open up the interior spaces of a building. Solar control glass can help address both solar protection and thermal insulation needs.

How can solar control glass help reduce energy costs?

Used in double or triple glazing, they help reduce energy costs associated with indoor heating systems. The energy efficiency of buildings can be improved as solar control glass helps limit the overheating of interiors through the glazing, therefore helping to reduce demands on air conditioning.

Can solar energy cause glare?

Excess heat and glare caused by the solar energy from the sun can be a major source of discomfort in some indoor environments, especially those with glass roofs, glazed facades, conservatories or with large areas of glazing.

Can solar control glass reduce glare?

Solar control glass can help mitigate glare from the sun and increase the visual comfort of building occupants, particularly if a glazed façade is directly exposed to the sun and with a high window-to-wall ratio.



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Solar Reflecting CoatingHow Is Solar Control Measured? Solar Factor Or 'G' ValueSpectral 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](#)

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