EIEI POWER

Solar glass installed in EU buildings

Overview

Where is solar control glazing used?

For residential buildings, solar control glazing is applied on all buildings' orientations in the southern regions of Europe. In the other climatic zones, solar control glazing is used in the south orientation and several types of Low-E glazing are used on the north, west and east façades. More details in the table below.

Why do European cities need solar cladding?

In European cities, where building preservation often meets sustainability requirements, solar cladding systems offer flexibility in design and appearance. Available in different colours and textures, these solutions can complement existing architecture while contributing to energy efficiency goals.

What is solar glass & windows?

Solar glass and windows represent a groundbreaking advancement in building-integrated photovoltaics, offering a seamless blend of functionality and energy generation. These innovative solutions incorporate ultra-thin solar cells between glass layers, allowing natural light to pass through while capturing solar energy.

How many solar panels are there in the EU in 2024?

The EU had around 338 GW solar PV installed in 2024, but a big effort is still needed to reach the set target (source: SolarPower Europe). The directive requires that all new buildings are designed to optimise their solar energy generation.

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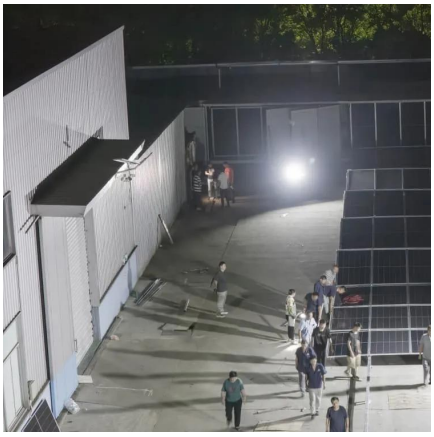

Solar Control Glass for Greater Energy Efficiency

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