

Solar glass roof solution





Overview

What is a Solarglass Roof?

The Solarglass Roof is made of transparent tempered glass that is three times more durable than conventional roof tiles. It has the highest ratings in hail (Class 4), fire (Class A) and windproof (Class F) tests, demonstrating excellent durability.

What is Photovoltaic Glass?

Our photovoltaic glass offers a cutting-edge solution for both new construction and renovation projects. When integrated into ventilated façades, this glass enhances building aesthetics while providing key benefits such as radiation protection, thermal and acoustic insulation, and improved occupant comfort.

How does Photovoltaic Glass work?

Photovoltaic glass operates on the same basic principle as any solar system: it converts sunlight into electricity. It uses solar cells made of materials such as amorphous silicon, crystalline silicon, or advanced thin-film technologies. These cells are encapsulated between layers of glass, making the product durable, safe, and functional.

What is solar glass used for?

Thanks to its versatility, solar glass can be used in a wide variety of construction settings—from residential homes to offices, factories, shopping centers, and more. Some of the most common applications include: These applications are ideal for maximizing solar capture and turning passive structures into active energy generators.



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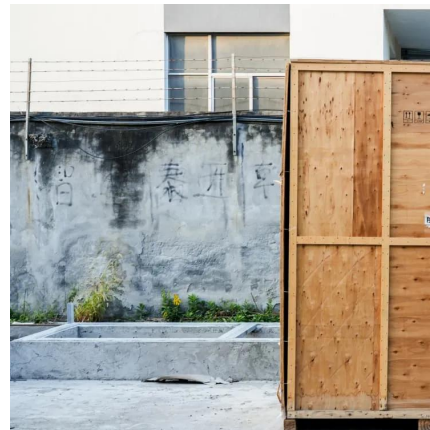


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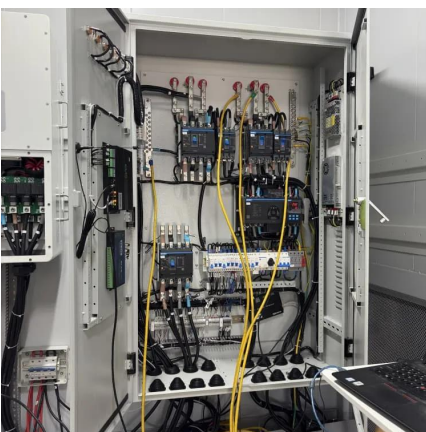
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