

Solar flat tile roof





Overview

What is a Solar Tiled Roof?

A Solar Tiled Roof is a system that combines solar and roofing functionality into a perfect energy production system without compromising the visual appearance of your home. The building-integrated modules for tiled roofs interlock with nearly all concrete and clay tiles, leaving your home as beautiful as it ever was. Solar Tiled Roof is for homeowners looking to harness solar energy in an aesthetically pleasing way.

What are solar tiles?

Solar tiles are roofing materials that can produce energy directly from sunlight. Solar tiles are integrated into the roof itself and function as both a roofing substance and a source of energy, as opposed to conventional solar panels, which are mounted on top of an existing roof.

What is a flat roof solar system?

Flat roof solar is usually 'free-standing' on the roof. The mounting frames are not secured to the roof and therefore the system has to be weighted down using ballast. The structure of the roof needs to be able to support the ballast. On commercial properties, flat roofs tend to be a repository for air conditioning systems and lift motor housing.

Are solar roof tiles a good idea?

Just like conventional solar PV panels, solar roof tiles can generate electricity to heat the water, run the appliances and cool the house. But they have other advantages: There's no need to drill holes in the roof to install them. They're not bolted onto the roof, so there's no extra strain from natural wind flow.



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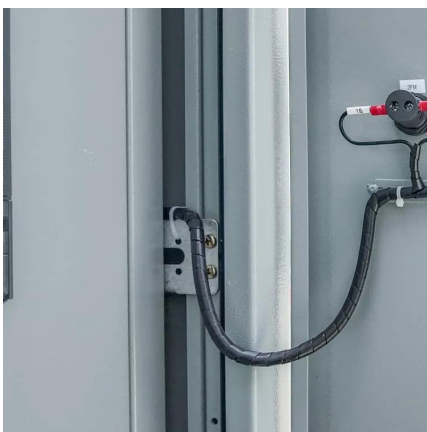


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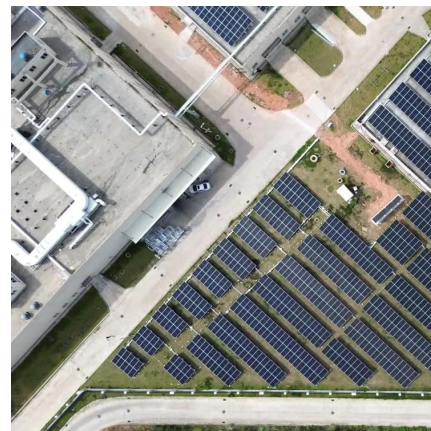
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