

Solar thin film tiles





Overview

What are thin-film solar roof tiles?

Thin-film solar roof tiles belong to the second generation of technology. They're made by placing layers of thin PV materials over a substrate of glass or plastic. These tiles don't boast the same lifespan (around 10 to 20 years) or efficiency (usually between 9 and 13 per cent) as their monocrystalline cousins.

What are thin-film solar panels?

Thin-film solar panels are different from mono and poly solar panels. They are much newer in the solar industry, and are not always designed from silicon. Thin-film solar panels are considered 2nd generation solar panels mostly used in PV power stations, smaller solar systems, or integrated into buildings.

What are solar roof tiles?

Unlike traditional roof-mounted solar panels, solar roof tiles aren't designed to sit on the roof; and, unlike integrated solar panels, they're not built to be embedded in the roof, either. Solar roof tiles are in fact the roof itself. Because of this, solar roof tiles are one of the most subtle domestic solar technologies money can buy in the UK.

What is HanTile solar roof?

Based on Hanergy's MiaSolé high efficiency Thin Film cells, the Hantile is the ultimate roof application of thin film. Finally all visible surface of a curved solar roof tile can be efficiently used, making it possible to get maximum yield of a tile roof. Under all circumstances.



Solar thin film tiles

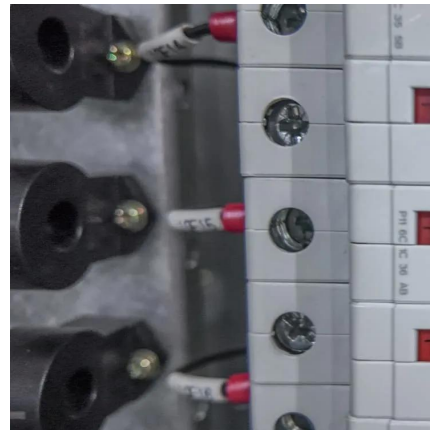


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