

How much does a good solar tile cost per square meter





Overview

How much does a solar roof tile system cost?

To give you an idea, the average 3.5 kW solar roof tile system will cost around £13,000, compared to approximately £7,000 for a regular PV system. However, remember that you are also getting a new roof with your solar tiles, so a direct price comparison is slightly misleading. Information last updated in April 2025.

Are solar panels better than roof tiles?

Solar panels, that is solar panels on slate roofs, are still the better investment overall compared to solar roof tiles. Roof tiles are expensive because you are ultimately installing a new roof, and while they look great, they can be less efficient than solar panels.

How efficient are solar tiles?

Solar tiles typically have an efficiency rating of around 10%-23%, making them, on average, less efficient than typical solar panels, which are 18%-25% efficient. There are cases where solar tiles are much more efficient than panels.

Why are roof tiles so expensive?

Roof tiles are expensive because you are ultimately installing a new roof, and while they look great, they can be less efficient than solar panels. As we've mentioned, solar tiles tend to range between 10% and 20%, although some models approach the best solar panels, topping at around 23%.



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Costs for solar tiles

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