



LLSE CONTAINERS

What does solar shingles mean





Overview

What are solar shingles?

Solar shingles are an integrated photovoltaic (PV) building product, which means they directly generate electricity from sunlight. They're made with specific materials that naturally undergo an electronic process in the presence of sunlight. From a distance, they look like ordinary roof shingles. But up close, it's obvious they're more than that.

Are solar shingles the same as solar panels?

Solar shingles are made of the same materials as those used in regular solar panels, including wire, a photosensitive waterproof product to protect the roof from outdoor elements, and material that can generate an electric current in sunlight. In fact, solar shingles and solar panels operate the same way and are overall quite similar.

How do Solar shingles work?

Solar panels have one function: They generate electricity. But solar shingles serve a dual purpose -- they generate electricity and act as shingles, which makes them less expensive in the long run. If you're curious how solar shingles work, turn to the next page to learn about their interesting technical aspects.

Can solar shingles be installed on a roof?

Solar shingles can be installed on a roof that can support their weight, but their energy efficiency depends on the roof slope and direction. Solar panels can be installed on any kind of roof that can hold their weight, but solar shingles have specific requirements.



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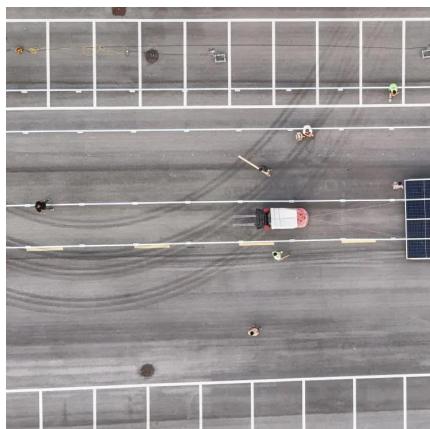
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