

S[☀]LAR ENERGY HAS NEVER BEEN *so pretty*



SOLAR ENERGY IS AN EXCELLENT, TIME-TESTED INVESTMENT.

If you opt for green electricity, you only pay a fixed price for years to come. Even so, you may still be hesitant. After all, solar panels are not exactly the prettiest things. We have the perfect solution for you: Smartroof suntiles and sunslates are discrete and give you a great return on your investment, without ruining the view of your roof. Suntiles and sunslates are an elegant, architecturally sound improvement of any home, whether it is being renovated or built from scratch.

SMARTROOF 

ENERGY FROM THE ROOF THAT IS *easy on the eyes*

The thought of solar panels ruining the appearance of your home is probably not very appealing to you. You are not alone: conventional PV systems are a thorn in the side of architects as well. Even so, green electricity is still one of the best long-term investments you can make. You enjoy environmentally friendly energy for many years to come, at a fixed price.

Does that mean you have to cast aside your aesthetic principles? Most certainly not! The suntiles and sunslates of Belgian company Smartroof allow you to kill two birds with one stone: you reap all the benefits of free solar energy without the conspicuous solar panels that tarnish the appearance of your home..

DEFINITELY THE BEST PROFIT OUT OF YOUR ROOF

Suntiles or sunslates? You've read that right. Smartroof has developed innovative tiles and slates with integrated photovoltaic elements. Not only do they look stylish but they also cover the entire roof down to the smallest nooks and crannies. Smartroof guarantees the highest PV returns from a sloping roof. Suntiles and sunslates are the smart choice; both from an aesthetic and financial point of view. Indeed, **the suntiles and sunslates will improve your EPC significantly** and your investment will pay itself back within ten years.

THE PERFECT SOLUTION FOR EVERY ROOF

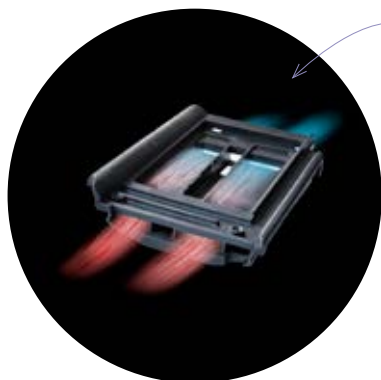
Smartroof offers original, patented types of suntiles and slates. The CeraSolPan as a flat suntile with a sleek look, and the sunslate for a beautifully continuous slate roof with integrated PV cells. This way, we have a solution for every style, from classic townhouses and parsonage houses to modern urban homes and villas. Suitable for new build and renovation projects.



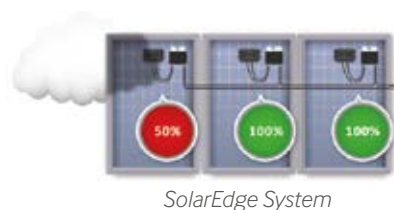
CERASOLPAN

power: 175 Wp/m²
weight: 18 kg/m²
roof pitch starting at 18°

BESIDES BEING EASY ON THE EYES, SUNTILES AND SUNSLATES OFFER THE FOLLOWING ADVANTAGES:



- ✓ They are **compatible** with the tiles and slates of leading manufacturers.
- ✓ Almost no loss of efficiency thanks to internal air ducts and the use of natural convection.
- ✓ Unbreakable, frost-resistant, and environmentally friendly.
- ✓ A **performance guarantee** of 90% after ten years, and 80% after twenty years.



MAXIMUM PERFORMANCE WITH SMART SOLAREGE TECHNOLOGY

solaredge

Smartroof suntiles and sunslates cover the entire roof's surface. This is not just expedient for complex roof shapes (around dormer windows or skylights for instance) but also for smaller urban homes where every square metre counts.

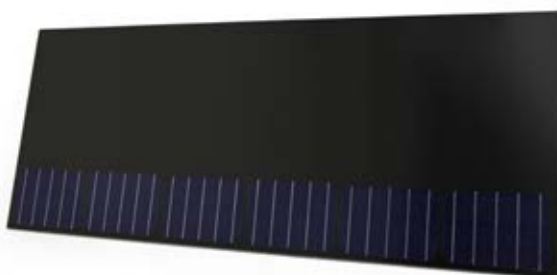
We use high-tech SolarEdge Optimizers and inverters for optimal energy production. This enables us to divide the installation in different electric compartments. It ensures you will always have the maximum amount of electricity at your disposal, even if one of the suntiles or sunslates is dirty or in the shade. Our technology can harvest to 15% more energy from your roof! The PV system has a brief start-up time and is longer active compared to conventional systems.

SolarEdge allows you to monitor each circuit of suntiles or sunslates individually via pc, laptop, or the free app for iPhone and Android. You can view your hourly, monthly, and yearly energy savings at the touch of a button. Thanks to SolarEdge, you no longer have to climb on the roof should you ever have a technical issue. SolarEdge's hybrid inverters can also be expanded with battery storage and/or an electric vehicle (EV) charging station.



SUNSLATE

power: 165 Wp/m²
weight: 24 kg/m²
roof pitch starting at 25°





NO MORE ENERGY SPILLAGE THANKS TO THE BATTERY

Families use on average 30% of the solar energy they generate. The excess energy is transferred to the main power grid. Do you want to get even more out of your suntiles or sunslates? Smartroof will store the excess energy in a battery and/or have an electric vehicle (EV) charging station. Energy independence is within your grasp.

BATTERY STORAGE

At Smartroof, we offer storage solutions for various grid connections. So, for a completely new installation, you have the choice between a single phase or a three-phase SolarEdge hybrid inverter. For existing installations with a single phase or a three-phase SolarEdge inverter we offer a simple solution by inserting the efficient StorEdge Interface between the inverter and the battery.

Your one-stop-shop FOR SOLAR ENERGY

Smartroof is the company of choice for the design, placement, electrical connection, online monitoring and maintenance of aesthetically pleasing PV systems. Our suntiles/sunslates combine a beautiful design with optimal performance.

Smartroof will handle the entire project.

- 1** We coordinate the roofing work for the installation of sun tiles and slates.
- 2** We apply for all available premiums in your location
- 3** We will also take care of the electrical installation and the system's inspection

Smartroof is your one-stop shop for an aesthetically pleasing and energy-efficient PV system!

Tip: don't hesitate to get in touch with us!

We would gladly discuss the details with your architect. We are also willing to get in contact with your EPC assessor, so your new(ly renovated) home will pass the energy requirement tests with flying colours.

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