

An aesthetic Sunroof !



Do you wish no longer that a roof is disfigured by classic PV panels, then choose for the Sunslate from Smartroof. These Sunslates integrates photovoltaic elements in a slate. The Sunslate is aesthetically pleasing, functional, storm-resistant and easy to install.

Belgian development and production!



The Sunslates from Smartroof are placed on a sloped roof and can be installed during roof renovations and new constructions. No special underroof is needed.



The **Sunslate** needs a tiling batten distance of **14.6** cm. Sunslate dimensions are 1140 x 400 x 5 mm. The overlap is 11 cm. The counter battens need to be minimum 20 mm height for good ventilation and let the connectors go under the battens while



After placement of the tiling battens , each row is positioned on **1140.3** cm. After this we can prepare the solar cables on the under roof. We can connect one end of the string to the Sunslates and the other end inside the building to the Optimizers and inverter.



Each Sunslate is fixed with two stainless steel screws on the tiling batten. A specific hook makes that the Sunslates are holding nicely each other and making the roof homogeneous, airtight and weathers the storm. Total weight of the system is only 24 kg/m²!



The electrical connection between the Sunslates is easy: just click in each other two MC4 connectors and electrical connection is a fact! Each Sunslate has its own bypass diode. If one Sunslate is defective, the string will not be interrupted!



Finishing the roof can be in combination with the natural slates of Cupa, Samaca, Gaëlic, ... 40/22 but also with the synthetic slates New Stonit from Etex 40/24. Ventilation at the ridge is necessary to obtain a good natural convection of the underroof and cool down the Sunslates.



The Sunslates are electrical connected to the grid as a normal PV system.

We advise to install SolarEdge technology so that you can connect the Sunslates to Optimizers and add a battery system and/or EV charger if needed!

In short, it's easy to install and you get an aesthetic and functional Smartroof solar roof.

Additionally, you will receive from Smartroof technical assistance during installing the Sunslates on the roof or/and with the electrical installation if needed.



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