

## An aesthetic sunroof!



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

**Belgian development and production!**



The Sun tiles from Smartroof are placed on a sloped roof such as the classic tile and can be installed during roof renovations and new constructions. No special underroof is needed.



Calibres facilitate placing the tiling battens and guarantees a correct distance. The **Cerasolpan** and **Mini module** needs a distance of **40 cm** between the tiling battens, Neosolpan 35.3 cm and the RenoSolPan 24.6 cm.



After placement of the tiling battens , each row is positioned on 35.2 cm (Cerasol) or 100.4 cm (Mini module). After this we can prepare the solar cables on the under roof. We can connect the sun tiles on one end and the Optimizers / inverter on the other.



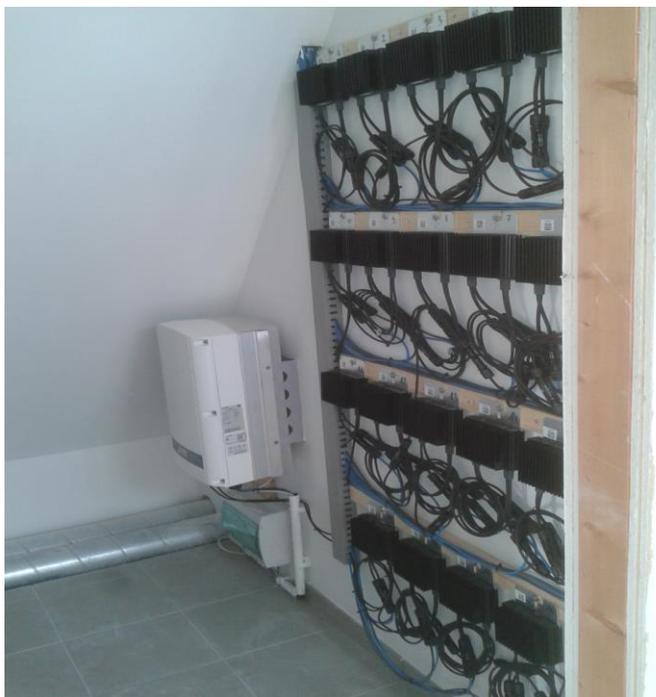
Each tile is fixed with a stainless steel screw on the tiling batten. An integrated hook makes that the tiles are holding nicely each other and making the roof homogeneous, airtight and weathers the storm. Total weight of the system is only 16 kg/m<sup>2</sup>!



The electrical connection between the sun tiles is easy: just click in each other two MC4 connectors and connection is a fact! Each Sun tile has its own bypass diode.



The further assembly of the roof can be in combination with the Neopan but also with the ceramic tiles from Terreal , Wienerberger, Imerys, Monier , Eternit and Nelskamp.



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 sun tiles on the roof or/and with the electrical installation if needed.



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