

AN ALMOST INVISIBLE SOLAR PHOTOVOLTAIC FAÇADE

The realization at Boudry, NE (Switzerland)

A small PPE located in the north of the commune of Boudry (NE), requested a local façade specialist for the realization of a part of facade in photovoltaic panels. The objective was to completely blend in a few dozen m2 of panels (to power the heat pump and the common premises) with the rest of the plastered façade. Thanks to our white film integrated during the PV-panels manufacturing, the color of the whole building is completely uniform and has been working to satisfaction for several months.

Technical datas

- Active facade of 32 m2 using 32 white PV panels using Solaxess technology
- PV panel dimension: 2060 mm x 515 mm
- · Glass-glass modules
- 4 mm tempered glasses (Heat-soak tested)
- · White frame screen-printed on the front glass
- 36 PERC cells per panel, with a power of 100 Wp per module
- Installed capacity of 3,2 kWp
- Facade orientation: 151° south-east
- Aluminum rails glued on the rear glass
- Energy produced per year: between 2.6 kWh to 2.9 kWh



Important: thanks to our technology, PV panels do not generate any dazzle



Monitoring:

https://9.enerface.online/customer/day?id=1

Contact:

Solaxess SA Rue de la Maladière 71c 2000 Neuchâtel Tel: +41 32 930 28 28

Tel: +41 32 930 28 28 E-Mail: info@solaxess.ch

Simple integration into PV modules

To obtain the best possible performance and reliability, our films are simply added on top of standard PV modules during the lamination process. Both glass/backsheet and glass/glass configurations are supported.