

AN ALMOST INVISIBLE SOLAR PHOTOVOLTAIC FAÇADE

The realization at Boudry, NE (Switzerland)

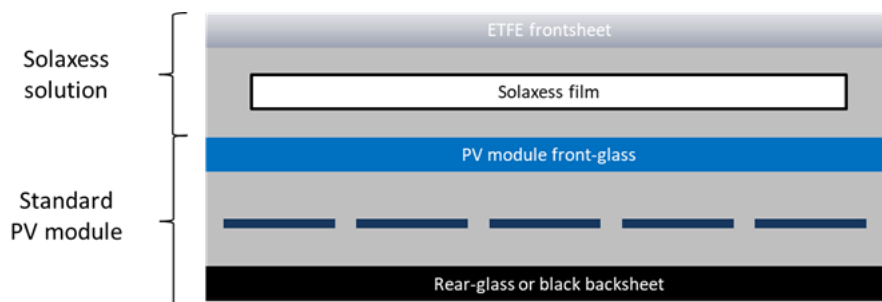
A small PPE located in the north of the commune of Boudry (NE), requested a local façade specialist for the realization of a part of facade in photovoltaic panels. The objective was to completely blend in a few dozen m² of panels (to power the heat pump and the common premises) with the rest of the plastered 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 MWh to 2.9 MWh
- PV module manufacturer : SI Modules



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



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/backsheets and glass/glass configurations are supported.

Monitoring :

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

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