

## WHITE COLOUR REQUIRES SPECIAL TECHNOLOGY

### A realization in Uppsala, Sweden, for student dormitories' facades

The project, located outside the city center of Uppsala, was the largest solar project for the property owner, with a total area of about 1'900 square meters. Three of twelve facades of the properties have been installed with PV modules integrating our solution; in addition, ten of the rooftops were equipped with conventional solar systems. In total\*, the area's photovoltaic systems generate about 240'000 kWh per year, which corresponds to 5-10 percent of the total electricity consumption of the 2000 students housing units.



*Sun city project Flogsta in Uppsala, Sweden, September 2019*

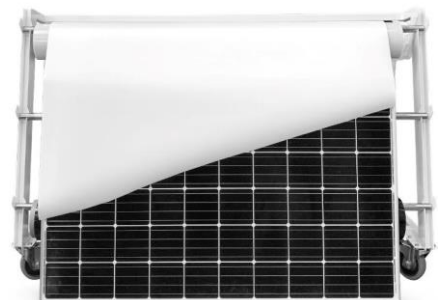
### Aesthetic Strengths

- Perfect colour uniformity across the surface
- Cells completely invisible
- Best aesthetic-performance trade-off
- Seamless integration of active façade elements
- No visible pixels
- Mineral look
- Glare-free matt appearance
- Self-cleaning frontsheet properties

### 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.



### Contact:

Solaxess SA  
2074 Marin / Switzerland  
E-Mail: [info@solaxess.ch](mailto:info@solaxess.ch)  
Tel. +41 32 727 28 28  
[www.solaxess.ch](http://www.solaxess.ch)

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### Technical data

- Active facade of 520 sqm white PV panels using Solaxess technology
- PV panel dimension : 1618 mm x 981 mm
- Framed glass-backsheet modules
- 3,2 mm tempered glasses
- 60 cells panels of 160 Wp
- Total energy produced per year : \* 240'000 kWh
- PV module manufacturer : Naps Solar Estonia