Facade elements

Solaxess coloured film

Solaxess is a Swiss company that specialises in the high-tech solar sector. Solaxess markets nanotechnology-based films enabling all PV module manufacturers to provide architects, developers and ultimately owners with white or light-coloured active full-building elements that are cost effective, durable and aesthetically pleasing.

These façade panels have the appearance of a noble material – with a matt aspect and bright colour (white, grey, beige) – yet retain excellent power output. This breakthrough allows architects and designers to maintain their aesthetic vision while providing a solution for renewable energy integration into the built environment – a crucial aspect for the design of construction projects complying with the new building regulatory requirements. Conventional passive façade elements, made of plaster, aluminium, marble or other materials are coming to an end. With these active building elements – being aesthetic and producing energy – the building envelope is stepping into a new era.

With Solaxess excellence and design are not a mere expense, but a real investment.

Product specifics

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Technology:

Laminated film on regular PV modules

Power [W]: Variable depending on size and colour

Size [mm] L, w, t: 1665 maximum width, any length

Specific power [W/m²]: 100-140, depending on the colour

Price [CHF/m²]: TBD

Module weight [Kg]: Refer to the PV module manufacturer

Specific weight [Kg/m²]: Refer to the PV module manufacturer

Min. tilt: No limitation

Custom made: Colour can be adapted depending on the project size

Certifications: Pre-certifications undergoing
Product details

Installation PV at the Jardin des énergies - Énergie Service Biel/Bienne (ESB)*

Sunlight → Visible light → Infrared rays

Colored film made with innovative nanotechnology

Highly efficient PV module