

MÄNNEDORF, 100 % NICE ACTIVE FACADES

April 2020 : realization in Männedorf (ZH), Switzerland

This project **by architect René Schmid** combines the latest innovations in terms of energy production. In addition to heat pumps and a high-efficiency energy management system, the two buildings consist of 900 square meters of photovoltaic panels installed on the facade.



Männedorf (ZH), April 2020

Aesthetic Strengths

- Building whose facades are 100% active, both the rust brown and the white parts
- Respect of the contrasts desired by the architect René Schmid
- The authentic character of the buildings is preserved thanks to the use of the latest photovoltaic technologies.

Simple integration into PV modules

The film is simply added over the PV cells when the module is laminated.

This technology ensures perfect uniformity and excellent stability.

Solaxess supplies films in different colors for the integration of photovoltaic panels in facades.



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White panels technical data

- Active façade of 90 sqm white PV panels per building, using Solaxess technology
- Multiple PV panels dimensions up to 2060 x 1100 mm
- Glass-glass modules, frameless, ETFE finish
- 2 times 4 mm tempered glasses
- Up to 210 Wp per panel
- PV module manufacturer : New ISSOL, Belgium

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