



SUPSI

Swiss BiPV Competence Centre



Historical building from 1765 (protected)

Affoltern i.E. / BE / Switzerland

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Anliker Christian	
Architect	Anliker Christian	www.ch-anliker.ch
Energy Consultant		
PV Installer	Clevergie gmbh	www.clevergie.ch

BUILDING

Completion year	1765 Building	2015 Renovation		
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other

Description

This intervention demonstrates the potential PV implementation in a protected building and within a sensible landscaping heritage. The solar tiling completely replace the roof surface. The homogeneous solar cladding, extended to the whole roof area, creates a clear recognizability/expression of PV respecting the general lines and the morphology of the pre-existing building typology.



@clevergie

BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved
Façade	Cladding	Balcony	Greenhouse
Glass	Façade	Roof	Solar shading Canopy
Orientation	South	West	East North

ARCHITECTURAL EVALUATION

Color	Black
Transparency	Opaque
Frame	Frameless

Aknowledgments

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells		
	Module	MegaSlate II –185	
Power	kWp	85	
Size	m²	550	
Energy production	kWh/year	74,000	

