



Solar Roof Hallenbad-Buchensaal Speicher

Speicher / St.Gallen / Switzerland

Building Details

CONTACTS

	Name	Website
Owner energy plant	St. Gallisch-Appenzellische Kraftwerke AG	www.sak.ch
Owner building	Municipality Speicher AR	www.speicher.ch
Architect	RAB Rutz + Bänziger Architekten	www.rab-architekten.ch
Energy Consultant	St. Gallisch-Appenzellische Kraftwerke AG	www.sak.ch
PV Installer	Streule & Alder AG	www.streule-alder.ch

BUILDING

Completion year	12/2014 PV Plant	9/2015 Building		
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other

Description

The building was built in 1977 for housing an indoor swimming pool and a book room. In 2014-2015 the building has been renovated and the whole double-oriented pitched roof has been completely replaced with a PV roof. The new Solar Roof is provided with snowguards and a belay system for maintenance operations and the modules has been integrated in the whole roof providing an homogenous look with a new dark surface.



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	Megasol Nicer M260-60-b & M130-30-b	
Power	kWp	173.29	
Size	m²	1,100	
Energy production	kWh/year	155,000	