



Reformed Evangelical Church

Bubendorf, Canton Basel (CH)

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Elektra Baselland, Schweiz (plant)	www.ebl.ch
Architect		
Energy Consultant	TRITEC AG Schweiz	www.tritec-energy.com
PV Installer	TRITEC AG Schweiz	www.tritec-energy.com

BUILDING

Completion year	- Building	1995	PV Plant	
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other
Building Energy Performance	kWh/m²y	-		

Description

This is an evangelical church, located in Bubendorf in the canton Basel in Switzerland. The installation, which covers a uniform surface on the lower side of the roof, is well aesthetically integrated in the building, replacing the traditional roof tiling. The solar modules, special laminates, generate a peak power of 18 kWp, with an annual production of 17,000 kWh. In the curved part of the sloped roof, some special panels have been customized to fit the curvature.

Acknowledgments

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SOURCE: www.tritec-energy.com

BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved	
Façade	Cladding	Balcony	Greenhouse	Curved
Glass	Façade	Roof	Solar shading	Canopy
Orientation	South	West	East	North
BiPV System	In-roof Solar Tiles			

ARCHITECTURAL EVALUATION

Color	Black
Transparency	opaque
Frame	Frameless

COSTUMIZATION LANGUAGE AT COMPONENT SCALE

PV CELL	MODULE LAYERING	MODULE FEATURES	DUMMIES
DESCRIPTION Some panel, in the curved part of the roof, are cut and fit to the curvature.			

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	Sharp cell	
	Module	special laminates	
Power	kWp	18	
Size	m²		
Energy production	kWh/year	17,000	
Cost	€/m²	-	