



Novartis Campus Gehry Building Basel (BS-CH)

Building Details

CONTACTS	Name	Website (or e-mail)
Owner	Novartis Pharma AG	www.novartis.com
Architect	Gehry Partners Ltd	www.foga.com
Energy Consultant	Baumgartner GmbH	www.baumgartner-gmbh.de
PV Installer	TRITEC AG	www.tritec-energy.com

BUILDING

Completion year	2008 Building	2008 PV Plant		
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other

Description

The project consists of a group of volumes including a restaurant and an underground auditorium. A fully glazed skin that is largely made of curved and shingled surfaces, following the complex architectural shape, encloses the main building. For the facade a sun protection triple glazing with a cavity that accommodates specially designed sun shades has been used. The entire glazed roof has been equipped with semi-transparent photovoltaic (PV) modules able to compensate the energy demand for artificial lighting. PV cells and modules are custom made applying a punched pattern and special colour that have been customized thanks to the in cooperation between the architect and manufacturer.



Pictures: Thomas Mayer ©

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	grey
Transparency	partially (laser shaped)
Frame	frameless
Aknowledgments	N/A

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	Si micro-perforated	
	Module	Schüco & Sunways	
Power	kWp	92.74	
Size	m²	1 300	
Energy production	kWh/year	65 000	