



Primag Neerach

Neerach, Canton Zurich (CH)

Building Details

CONTACTS	Name	Website (or e-mail)
Owner	Herr Naef	-
Architect	-	-
Energy Consultant	-	-
PV Installer	WindGate AG	www.windgate.solarlog-web.ch

BUILDING

Completion year	2014 Building	2014 Plant		
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other

Building Energy Performance kWh/m²y

Description

This is a multi-family house located on a sloping ground in Neerach, a small city in the north of Switzerland. All the coverage surfaces are aesthetically integrated by PV system. The solar modules are inserted in the retaining hooks in the subframe. The elements are arranged so that they are vertically overlapping, with the water drainage channels having a dual function in that they support the solar modules and allow the rain to run off. The optimum rear ventilation prevents the accumulation of moisture in the sub-roof. Special customized blind modules are installed in correspondence of dormer, creating an homogeneous and uniform surface. There're also special glass modules positioned in line with the PV modules with skylights function.

Aknowledgments -



SOURCE: WindGate AG



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 (PV modules/laminates)			

ARCHITECTURAL EVALUATION

Color	Dark Blue
Transparency	Opaque
Frame	Frameless

COSTUMIZATION LANGUAGE AT COMPONENT SCALE

PV CELL	MODULE LAYERING	MODULE FEATURES	DUMMIES
DESCRIPTION	Blind modules specially made		

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	156x156 mm Monocrystalline MB-PERC	
	Module	Meyer Burger MegaSlate II Standard 170 Wp	
Power	kWp	39.95	
Size	m²	252	
Energy production	kWh/year	31173	
Cost	€/m²	-	