University of Applied Sciences and Arts of Southern Switzerland Department of Environment Constructions and Design Institute of Applied Sustainability to the Built Environment

SUPSI

Swiss BiPV Competence Centre

Detail sheet

PV Tiles

GIELLENERGY



Product	GIELLENERGY
Producer / CH supplier	GIELLEPLAST
Address	Via Luigi Einaudi 7 IT-10060 Pancalieri (TO)
Contact	Tel: ++39 (0)11 973 45 24
	Mail : info@giellenergy-tile.eu
	Web.: www.giellenergy-tile.eu

Product specifics

Giellenergy tile is made of thermoplastic resin. The PV module is set inside the thermoplastic resin structure and is composed of two standard 156mm EVA encapsulated monocrystalline cells, covered with textured and tempered low-iron high transmittance (>92%) glass. Giellenergy tile is designed to optimize solar light exposure, as tiles are specifically shaped to prevent the chance of any shadow zone irrespectively of solar inclination.

Technology:	Monocristalline
Power [W]:	8
Size [mm] L, w, t:	360 x 203 x 45
Specific power [W/m ²]:	104
Price [CHF/m ²]:	
Module weight [Kg]:	1.5
Specific weight [Kg/m ²]:	19.5
Min. tilt:	
Custom made:	Color
Certifications:	IEC 61215/II e IEC 61730-2

Product details



Swiss BiPV Competence Centre, Campus Trevano, CH-6952 Canobbio, info@bipv.ch, www.bipv.ch