Scuola universitaria professionale della Svizzera italiana
Dipartimento ambiente costruzioni e design
Istituto sostenibilità applicata all'ambiente costruito

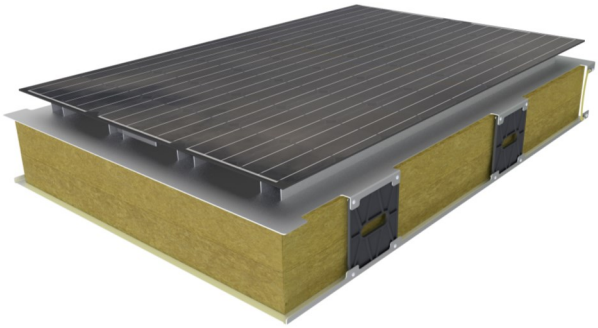
SUPSI

Swiss BiPV Competence Centre

Detail sheet

Solar Tiles

TCR 600



Product	**TCR 600**
Producer / CH supplier	**Designergy SA**
Address	**Via Pra Proed 1 CH - 6534 San Vittore**
Contact	**Tel: +41 919 71 24 66 Mail : info@designergy.ch Web: http://www.designergy.ch**

Product specifics

TCR 600 element provides, besides an high production of electrical energy, perfect waterproofing (double layer) combined with a thermal insulation layer able to meet every requirement. TCR stands for Triactive Core Roof, which means triple action for roofs. The system is suitable for pitched roofs with a slope between 6 and 60 degrees. The element consists of a rigid steel support under which it is fixed a layer of insulating mineral wool available in various thicknesses. Above this support is secured a photovoltaic module which in case of need can be unhooked and replaced.

Technology:	**Monocristalline**
Power [W]:	**250 - 300**
Size [mm] L, w, t:	**1708 x 1055 x 287**
Specific power [W/m^2]:	**139 - 167**
Price [CHF/m^2]:	**n/a**
Module weight [Kg]:	**76**
Specific weight [Kg/m^2]:	**42.5**
Min. tilt:	**6°**
Custom made:	**Thickness of the insulating layer**
Certifications:	**IEC 61215: 2005, IEC 61730-1: 2013 / EN 61730-1 / A2: 2013 and IEC 61730-2: 2012 / EN 61730-2 / A1: 2012**

Product details











