

SolarTerra®

Activ'Glass®

Honouring traditions

SolarTerra® is a solution developed in Switzerland which aims to equip old buildings with solar technology while respecting their cultural heritage.

It is a fully integrated solution that replaces conventional roofing tiles and generates electricity. With a seamless design, each tile looks beautiful from near and far, and complements the architecture of the building.

Built to last

SolarTerra® uses Solrif, a patented tiles system from the Swiss family business Ernst Schweizer located in Hedingen with +100 years of history. The system ensures water tightness and withstands heavy snow loads.

The red colour is obtained from ceramic pigments that are fused into the glass. The tile is equipped with high efficiency solar cells (>22,5%) to maximise electricity production.

SOLAR TILES FOR OLD BUILDINGS AND HERITAGE CONSERVATION



- Designed by art historians
- Stronger than traditional tiles
- Up to 185 kWh per m²

 **YouTube** <http://video.issol.ch> or <http://solarterra.issol.ch>



SolarTerra®

SolarTerra® uses Solrif, a system patented and certified by TÜV, Deutsche Institut für Bautechnik & CSTB

Lifetime

+40 years

Power Warranty

25 years

Front Material

Patterned Tempered

Glass 3,2 mm – RAL 8004

Back material

Float Glass or BackSheet

Mechanical Resistance

Hailstones up to Ø5 cm

Wind/Snow up to 4800 Pa for Mono-glass

Wind/Snow up to 7200 Pa for Bi-Glass

Power

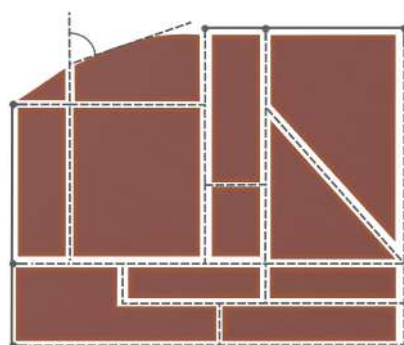
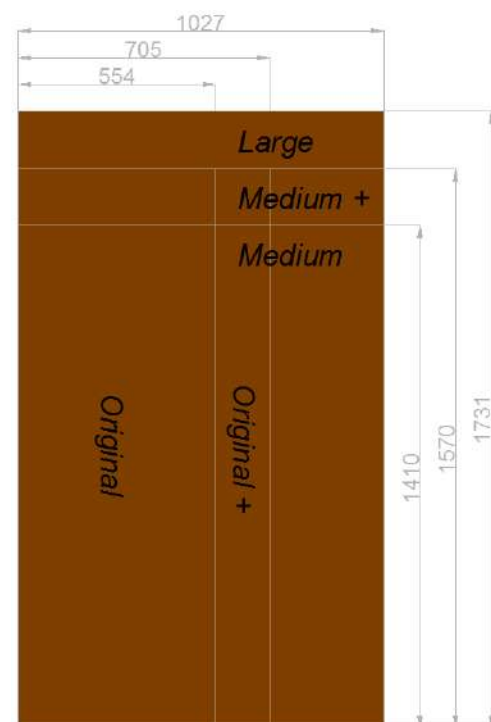
Original TC: 115 Wp Original C: 140 Wp

Original + TC: 150 Wp Original + C: 185 Wp

Medium TC: 200 Wp Medium C: 245 Wp

Medium + TC: 225 Wp Medium + C: 275 Wp

Large TC: 250 Wp Large C: 305 Wp



CUSTOM SIZE
AVAILABLE TO
FIT ANY ROOF
GEOMETRY

Configurator : <http://designer.activ-glass.com>

FAQ : <http://faq.activ-glass.com>

Pictures : <http://solarterra.activ-glass.com>



Activ'Glass ®

Sales Office: Issol Switzerland GmbH
Hanggiwiesstrasse 5 CH-8832 Wilen bei Wollerau
+41 44 585 13 00

Enquiry: pvglazing@activ-glass.com