



SOLUXA

WWW.SOLUXA.SOLAR

Info@soluxa.solar

Datasheet Terracotta

380 Wp

Power

190 W/m²

Maximum yield

±81%

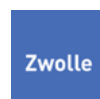
Relative yield with respect to a full-black solar panel

Module specifications	
Cell type	N-Type ABC
Dimensions	1762*1134*30 mm
Weight	24.2 kg ± 3%
Glass	2.0 + 2.0 mm semi-tempered glass
Junction Box	IP68, 3 bypass diodes
Cables	1200 mm
Frame	Terracotta colored
Connector	MC4

	STC
P _{max} [W]	385
V _{oc} [V]	41,12
V _{mp} [V]	34,68
I _{sc} [A]	11,57
I _{mp} [A]	10,86
Temperature coefficient I _{sc}	+ 0.05%/ °C
Temperature coefficient V _{oc}	- 0.22%/ °C
Temperature coefficient P _{max}	- 0.26%/ °C



SOLUXA'S TRUSTED PARTNERS AND CUSTOMERS





TERRACOTTA SOLAR PANELS FOR TERRACOTTA ROOFTOPS AND MONUMENTS

Terracotta solar panels are the perfect solution for buildings where aesthetics matter, or where the traditional black solar panels are not allowed. Using Soluxa's terracotta panels, your roof retains its original authentic appearance while the building is made sustainable and future-proof.

SPECIFICATIONS AND FEATURES

Soluxa uses a full-black solar panel from AIKO as its base. Owing to all-back-contact technology, these panels offer very high efficiency, a long lifespan, and excellent shading tolerance. The standard installation guidelines for the AIKO panel remain applicable (AIKO Neostar 3S+).

ESTIMATED ANNUAL YIELD

A full year of outdoor measurements conducted by TNO SolarBEAT shows that Soluxa terracotta solar panels generate approximately 81% of the yield compared to a reference full-black panel under Dutch climate conditions. When designing your solar system using specialized software, you can apply a factor of 0.81 to the annual energy yield (kWh). For inverter sizing, we recommend using the electrical parameters of the base panel.

Specifications

- **Terracotta solar panel 380Wp** Glass-Glass
- **Warranty:** 25 year product warranty on technical performance of the panel
- **Mounting:** Standard mounting systems, Clickfit Clamps and end pieces available in identical color as the panel
- **Color coating:** The Vibrant coating is comparable to high-end automotive coatings and its stability and durability has been extensively validated with industry standard tests, including UV-stability and gloss (ASTM G154), damp-heat cycles (PV1200), blister formation (DIN EN ISO 4628-2) and high-pressure water jet resistance (PV1503).

