

\*PLANUM CONCRETE ROOF TILES

INTEGRATED SOLAR SYSTEMS

# **Solinso Mystiek Planum PV Red Solar Tile**

The Aesthetic Energy System

[www.roofingdistributionuk.com](http://www.roofingdistributionuk.com)

**RDUK**  
ROOFING DISTRIBUTION UK



## Characteristics:

- Modules interlock with Planum roof tiles.
- Delivered as a ready to install unit.
- Hanging nib and side interlock for swift, easy and secure laying.
- Only 3 screws per module.
- 15mm variable cover length.
- Ca. 6.8m<sup>2</sup> roof area per kWp, c. 147Wp/m<sup>2</sup> roof area.
- Optimal solar return with highly efficient monocrystalline solar cells.
- Product guarantee: 10 years
- Performance guarantee:  
10 years 90 % of rated performance  
25 years 80 % of rated performance



**Red Solar Panel**  
also available in a  
shortened version for  
fittings of 2 tiles

## Technical Info

Technical Data	*Planum PV Red
Module performance	73 Wp
Rated working current (I <sub>mp</sub> )	7.21 A
No-load working voltage (V <sub>oc</sub> )	12.24 V
Short circuit current (I <sub>sc</sub> )	7.59 A
Maximum voltage (V <sub>mp</sub> )	10.17 V
Maximum tested system voltage	1000 V
Recommended system voltage	up to ca. 600 V
Temperature coefficient (V <sub>oc</sub> )	- 0.30 %/°C
Temperature coefficient (I <sub>sc</sub> )	+0.06 %/°C
Temperature coefficient (P <sub>mpp</sub> )	- 0.39 %/°C
Hail resistance	according to IEC 61215 + IEC 61730
Cell efficiency	22.1 %
Module weight	8,5 kg
Module measures	cover width 5 tiles ca. 1500mm cover length 325 mm - 340 mm
Min. roof pitch	≥ 25° (20° - 24° on request, half bond tiling recommended)
Plugs	MC4
Module cable	2 x 4.0 mm <sup>2</sup> je 550 mm long
Min. counter batten height/rear ventilation	25 mm



**QUICK  
AND EASY  
INSTALLATION  
WITH 2-3  
SCREWS.**

STC: Intensity of radiation 1.000 W/m<sup>2</sup>,  
module temperature 25 °C, airmasses = 1.5  
November 2022 - technical information subject  
to change. (Jan 2024)

**RDUK**  
ROOFING DISTRIBUTION UK

UK  
CA CE

**solinso** www.solinso.nl