

Clay roof tiles

Concrete roof tile

Solar systems



Planum PV

The esthetic energy system

Location: Netherlands

www.nelskamp.de

NELSKAMP



Planum PV

The esthetic energy system



Swift and easy installation with 3 screws.

Characteristics:

- Modules interlock with the roof tile Planum
- 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. 5.5m² roof area per kWp
- Ca. 180Wp/m² roof area
- Product guarantee: 10 years
- Performance guarantee:
10 years 90 % of rated performance
25 years 80 % of rated performance

Technical Data	Planum PV
Module performance	90 Wp
Rated working current (I _{mp})	9,01 A
No-load working voltage (V _{oc})	11,97 V
Short circuit current (I _{sc})	9,70 A
Maximum voltage (V _{mp})	10,02 V
Maximum tested system voltage	1000 V
Recommended system voltage	up to ca. 600 V
Temperature coefficient (V _{oc})	- 0,30 %/°C
Temperature coefficient (I _{sc})	+0,06 %/°C
Temperature coefficient (P _{mpp})	- 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 - 20° on request, half bond tiling recommended)
Plugs	MC4
Module cable	2 x 4,0 mm ² je 550 mm long



STC: Intensity of radiation 1.000 W/m²,
module temperature 25 °C, airmasses = 1.5
October 2021 · technical information subject to change