

CLAY ROOF TILES

SOLAR SYSTEM

Crest Nelskamp G10 S PV

The Aesthetic Energy System

www.crest-bst.co.uk

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NELSKAMP
ROOFING TILES

The Crest Nelskamp integrated (S PV) Modules are installed at the same time as the roof ensuring complete synergy between the roof tile and the solar panel.

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**SWIFT
AND EASY
INSTALLATION
WITH 3
SCREWS.**

Features:

- ▶ Modules interlock with the roof tile G10 NEW
- ▶ Delivered as a ready to install unit
- ▶ Hanging nib and side interlock for swift, easy and secure laying
- ▶ Only 3 screws per module
- ▶ 20mm variable cover length
- ▶ Ca. 5.3m² roof area per kWp
- ▶ Product guarantee: 10 years
- ▶ Performance guarantee:
10 years 90 % of rated performance
25 years 80 % of rated performance

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Technical Data	G10 S PV
Module performance	110 Wp
Rated working current (I _{mp})	12.66 A
No-load working voltage (V _{oc})	10.28 V
Short circuit current (I _{sc})	13.54 A
Maximum voltage (V _{mp})	8.73 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 _{mp})	- 0.39 %/°C
Hail resistance	according to IEC 61215 + IEC 61730
Cell efficiency	22.1%
Module weight	ca. 9.0 kg
Module measures	cover width 6 tiles ca. 1500mm cover length 384 mm - 404 mm
Min. roof pitch	25° Half bond tiling 30° Full bond tiling (20° - 24° on request)
Plugs	MC4
Module cable	2 x 4.0 mm ² je 950 mm long

STC: Intensity of radiation 1.000 W/m²,
module temperature 25 °C, airmasses - 1.5
October 2022 · technical information subject to change. (Jan 2023)