

Crest Nelskamp Mystiek G10 Solar Tile

The Aesthetic Energy System

THE ENERGY TRANSITION

IS ON THE HOUSE

G10 CLAY ROOF TILE AND INTEGRATED SOLAR SYSTEM



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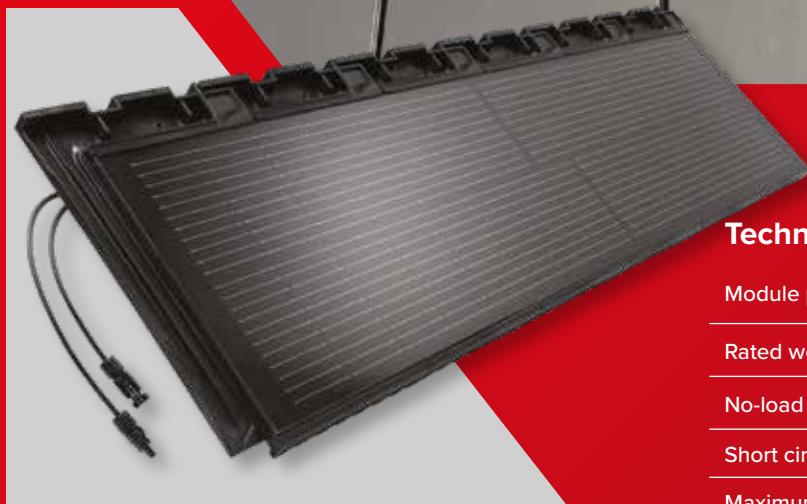
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NELSKAMP

ROOFING & SOLAR SYSTEMS

G10 CLAY ROOFING TILE AND

INTEGRATED G10 S PV SOLAR TILE



Swift and easy
installation with
3 screws

Technical Data: 1500/116Wp

Module performance:	116 Wp
Rated working current (Imp):	13.59 A
No-load working voltage (Voc):	10.09 V
Short circuit current (Isc):	14.28 A
Maximum voltage (Vmp):	8.54 V
Maximum tested system voltage:	1000 V
Recommended system voltage:	up to approx: 600 V
Temperature coefficient (Voc):	- 0.26 % / °C
Temperature coefficient (Isc):	+0.046 % / °C
Temperature coefficient (Pmpp):	- 0.3 % / °C
Hail resistance	according to IEC 61215 + IEC 61730
Cell efficiency	22.1 %
Module weight	approx: 9.0 kg
Module measures	cover width 6 tiles approx. 1500mm cover length 390mm - 404mm
Roof pitch	25° Half bond tile 30° Full bond tile
Plugs	MC4
Module cable	2 x 4.0 mm ² each 850 mm long
Min. counter batten height/ rear ventilation	min. 30 x 50mm

Characteristics:

- > Modules interlock with G10 LARGE FORMAT flat clay roof tiles.
- > Hanging nib and side interlock for swift, easy and secure laying.
- > Harmonic aesthetics:
Black frame - black cells - black backsheet.
- > approx. 5m² roof area per kWp -
approx. 200 Wp/m² roof area
- > Delivered as a ready to install unit.
- > Only 3 screws per module.
- > Product guarantee: 10 years

Performance guarantee:

10 years 90 % of rated performance

25 years 80 % of rated performance

STC: Intensity of radiation 1.000 W/m², module temperature 25 °C,
airmasses = 1.5. June 2024 · technical information subject to change.

New G10 PV Red Solar Tile
matches and interlocks perfectly
with our Natural Red and Red
Brown G10 Clay Roof Tiles.



G10 CLAY ROOFING TILE AND

INTEGRATED G10 S PV XS SOLAR TILE

Swift and easy
installation with
2 screws



Characteristics:

- > Modules interlock with G10 LARGE FORMAT flat clay roof tiles.
- > Hanging nib and side interlock for swift, easy and secure laying.
- > Harmonic aesthetics:
Black frame - black cells - black backsheet.
- > approx. 6m² roof area per kWp -
approx. 165 Wp/m² roof area
- > Delivered as a ready to install unit.
- > Only 2 screws per module.
- > 14mm variable cover length.
- > Double Pantile and Double Roman PV modules must be laid up to the ridge.
- > Product guarantee: 10 years

Performance guarantee:

- 10 years 90 % of rated performance
- 25 years 80 % of rated performance

Technical Data: 750/48Wp

Module performance:	48 Wp
Rated working current (Imp):	13.59 A
No-load working voltage (Voc):	4.32 V
Short circuit current (Isc):	14.28 A
Maximum voltage (Vmp):	3.54 V
Maximum tested system voltage:	1000 V
Recommended system voltage:	up to approx: 600 V
Temperature coefficient (Voc):	- 0.26 % / °C
Temperature coefficient (Isc):	+0.046 % / °C
Temperature coefficient (Pmpp):	- 0.3 % / °C
Hail resistance	according to IEC 61215 + IEC 61730
Cell efficiency	22.1 %
Module weight	approx: 4.5 kg
Module measures	cover width 3 tiles approx. 750mm cover length 390mm - 404mm
Roof pitch	25° Half bond tile 30° Full bond tile
Plugs	MC4
Module cable	2 x 4.0 mm ² each 550 mm long

STC: Intensity of radiation 1.000 W/m², module temperature 25 °C,
airmasses = 1.5. June 2024 - technical information subject to change.

“The integrated solar panel roof tiles are both a roof covering and electricity generating solution”





“The integrated G10 S PV modules are installed at the same time as the roof ensuring complete synergy between the roof tile and the solar panel”

Please note: Roof should be counter batted for installation and ventilation

Crest Nelskamp Mystiek Solar Tile

All in one continuous integration of solar energy and roof tiles. Our Mystiek solar roof tile fit seamlessly with our G10 large format flat clay roofing tile.

The solar panels interlock perfectly and are virtually invisible, with subtle attractive looks, created to meet the various requirements of the housing market.

The solar roof tiles are made from quality materials which have been specifically selected and tested.

All Crest Nelskamp Mystiek Solar Roof Tiles must be screwed into the underlay roof tile batten via the screw holes and anchored with one tile clip.

The simple and quick installation makes the solar roof tile ideal for both new build and renovation projects.



Tiles are supplied with simple to use standard “Plug In” MC4 connectors

Warranty & Certification

Crest Nelskamp Mystiek Solar Roof Tile has been tested to standard EN 7250: Solar energy systems - Integration in roofs and facades - engineer aspects and is MCS certified.

UV testing according to double ECE R110 automotive test - sunlight exposure

Wind load test according to EN 14437: 2004

Snow load test according to EN 1991-1-3

Water resistance test according to EN 2778

Fire safety test according to EN 6063, see NPRCEN / TS 1187: 2012

Electric power generation guaranteed for 25 years from the date of installation;
80% initial performance according to IEC 61215: 2004

Construction and electrical safety guaranteed according to IEC 61730-1: 2007 and IEC 61730-2: 2004

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