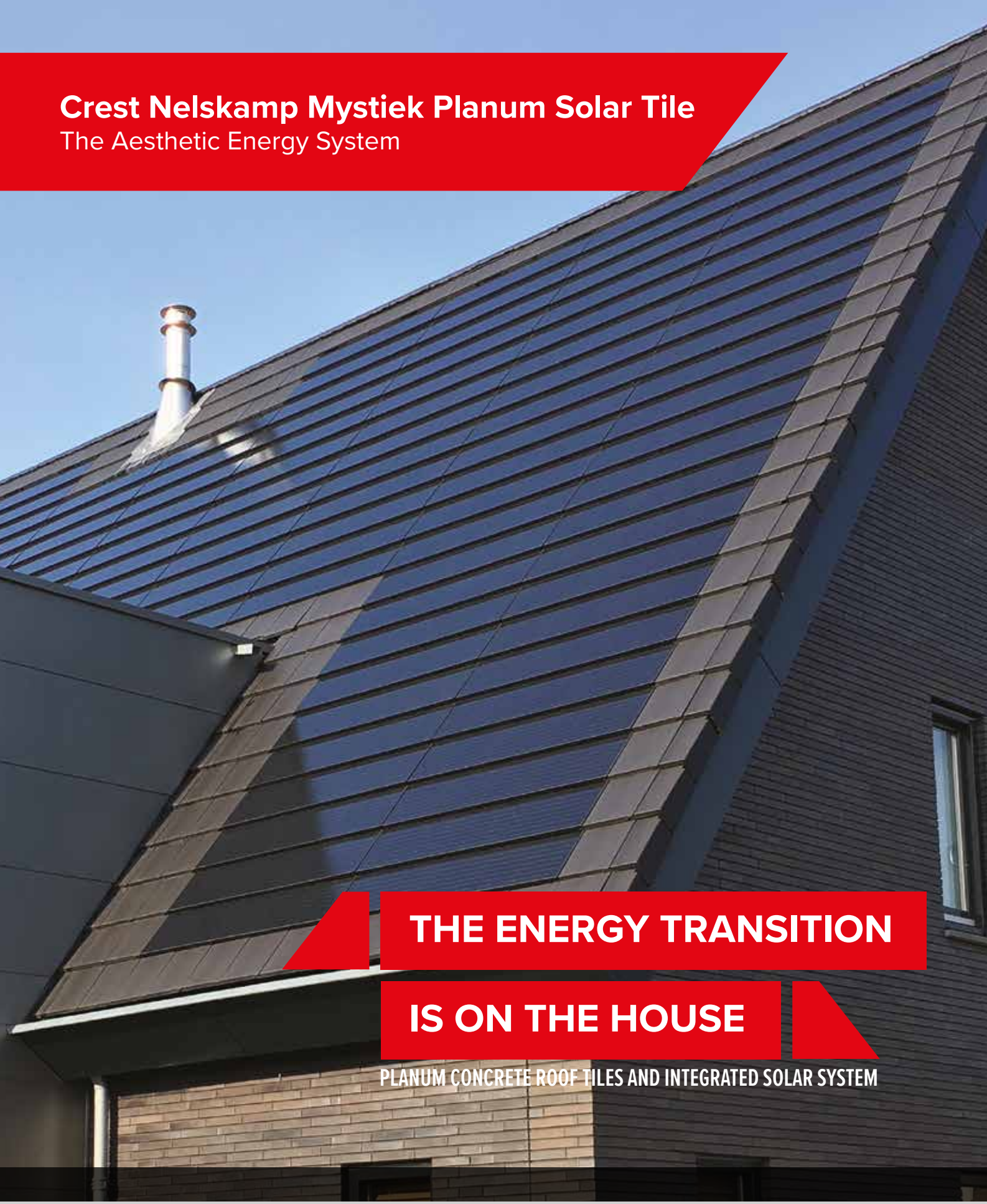
Crest Nelskamp Mystiek Planum Solar Tile

The Aesthetic Energy System



THE ENERGY TRANSITION IS ON THE HOUSE

PLANUM CONCRETE ROOF TILES AND INTEGRATED SOLAR SYSTEM

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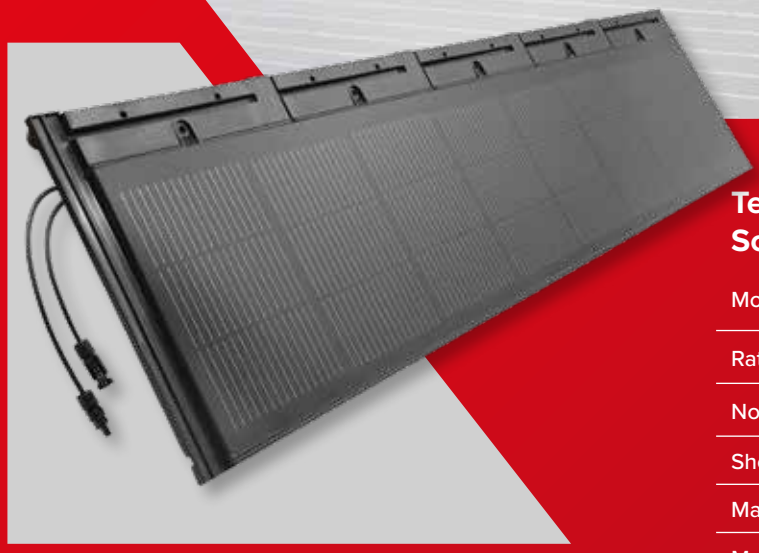
ROOFING & SOLAR SYSTEMS

PLANUM ROOF TILE AND INTEGRATED SOLAR TILE



Swift and easy installation with 3 screws

Characteristics:

- Modules interlock with PLANUM Concrete roof tiles.
- Hanging nib and side interlock for quick, easy, and secure installation. 3 screws per module.
- Glass-glass module with 3.2 mm tempered solar glass, extremely durable and long-lasting.
- Approx. 4.9 m^2 roof area for 1 kWp, approx. 205 Wp/m^2 roof area.
- Supplied as a ready-to-install unit.
- Only 3 screws per module.
- 25 mm variable coverage length.
- Product warranty: 10 years

Performance warranty:

93% of nominal power for 10 years
83% of nominal power for 25 years

Technical Data: Solinso Mystiek 1500/97Wp

Module performance:	97 Wp
Rated working current (Impp):	13.02 A
No-load working voltage (Voc):	8.88 V
Short circuit current (Isc):	13.61 A
Maximum power voltage (Vmpp):	7.45 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	25.2 %
Tolerance range	±3 %
Module weight	approx: 10.3 kg
Module measures	cover width 5 tiles approx: 1500mm cover length 315mm - 340mm
Roof pitch	25°
Plugs	MC4
Module cable	2 x 4.0 mm^2 each 850 mm long
Min. counter batten height/ rear ventilation	min. 30 x 50mm

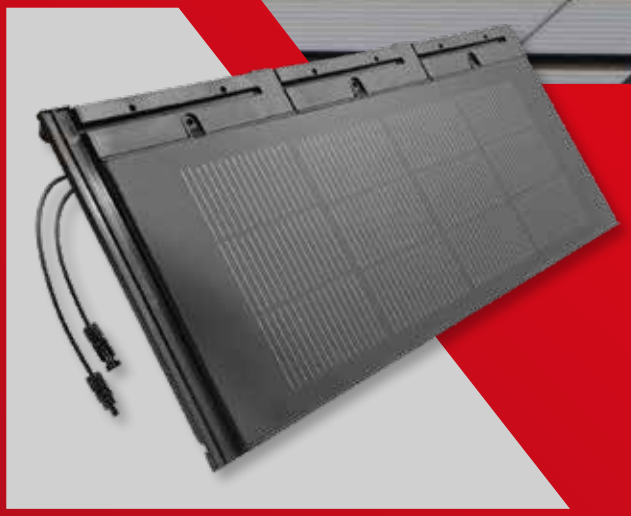
STC: Intensity of radiation 1.000 W/m2, module temperature 25 °C, airmasses = 1.5. July 2025 · technical information subject to change.

QUICK & EASY INSTALLATION · TECHNICAL SUPPORT · ECO-FRIENDLY PRODUCT · PRODUCT 10 GUARANTEE

New Planum PV Red Solar Tile matches and interlocks perfectly with our Cayenne Red and Rustic Concrete Roof Tiles.

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

Swift and easy installation with 2 screws



Characteristics:

- Modules interlock with PLANUM Concrete roof tiles.
- Hanging nibs and interlocking design for quick, easy, and secure installation.
- Glass-glass module with 3.2 mm tempered solar glass, extremely durable and long-lasting
- Approx. 5.9 m^2 roof area for 1 kWp, approx. 169 Wp/m^2 roof area
- Supplied as a ready-to-install unit.
- Only 2 screws per module.
- 25 mm variable coverage length.
- Product warranty: 10 years

  Performance warranty:

  93% of nominal power for 10 years
  83% of nominal power for 25 years

Technical Data: Solinso Mystiek 900/48Wp

Module performance:	48 Wp
Rated working current (Impp):	13.14 A
No-load working voltage (Voc):	4.44 V
Short circuit current (Isc):	13.89 A
Maximum power voltage (Vmpp):	3.65 V
Maximum tested system voltage:	600 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	25.2%
Tolerance range	±3 %
Module weight	approx: 3.2 kg
Module measures	cover width 3 tiles approx: 900mm cover length 315mm - 340mm
Roof pitch	25°
Plugs	MC4
Module cable	2 x 4.0 mm^2 each 550 mm long
Min. counter batten height/ rear ventilation	min. 30 x 50mm

STC: Intensity of radiation 1.000 W/m2, module temperature 25 °C, airmasses = 1.5. July 2025 · technical information subject to change.

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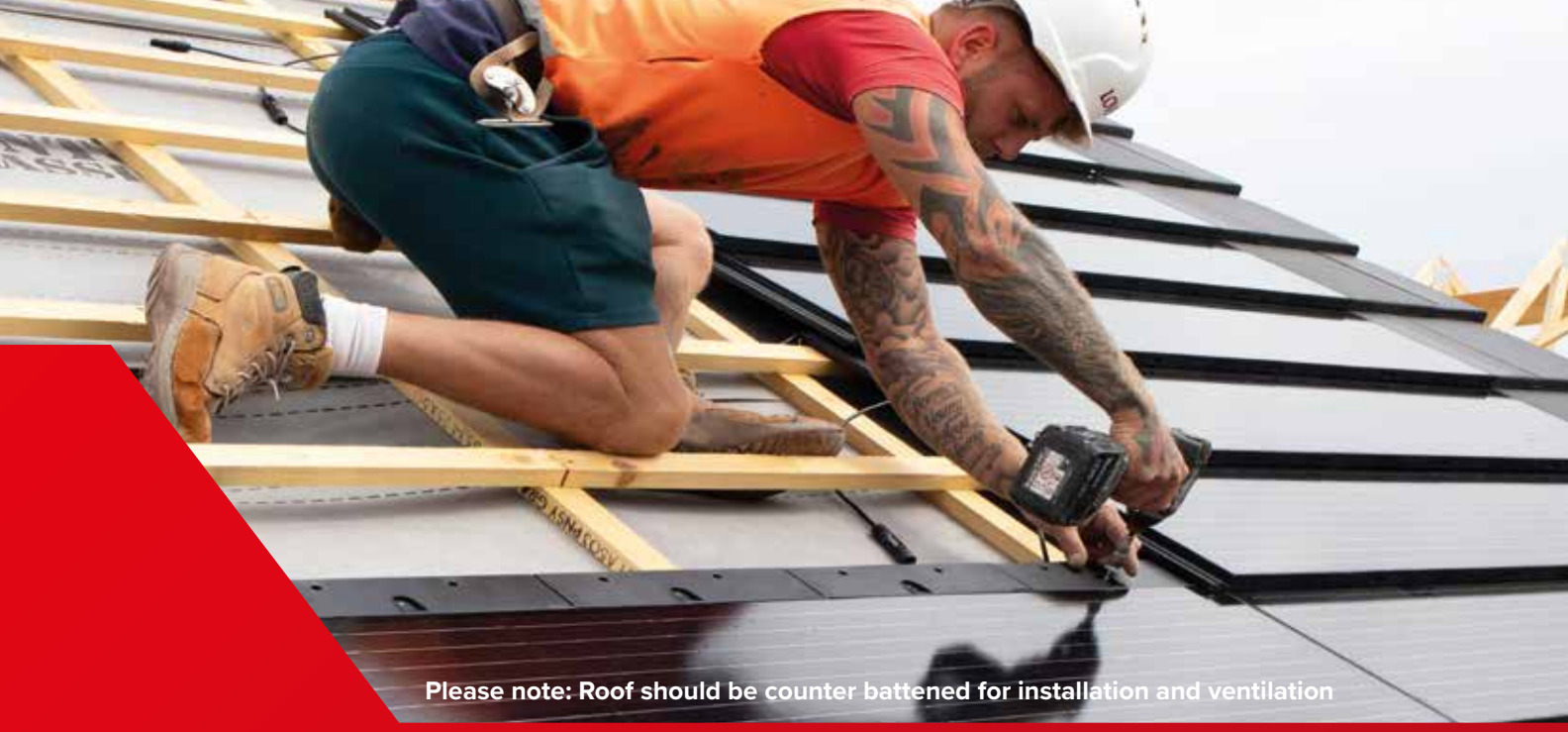
QUICK & EASY INSTALLATION · TECHNICAL SUPPORT · ECO-FRIENDLY PRODUCT · PRODUCT GUARANTEE 10



Please note: Roof should be counter battened 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 Crest *Planum concrete flat roof tiles.

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

*As per European trademark Nr.7287956, filed on 2nd October 2008, the Trademark PLANUM belongs to La Escandella. It is Dachziegelwerke Nelskamp as authorised licensee of the owner allowed to use the mark PLANUM for its concrete product.

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ROOFING & SOLAR SYSTEMS

MCS CERTIFIED

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