

Classic

METAL ROOF

Steeldeck for PV systems on pitched roofs

simple - robust - high quality

You often see steel decks covering large roof surfaces. Such roofs are ideal for mounting solar panels. For this application, we have developed the Steeldeck mounting system. It is available in different lengths. And in combination with our Easy clamps you only need three components, meaning rapid installation and simplified logistics.

High-quality materials

Steeldeck works with trapezoidal profiles. Most lengths already have EPDM and are pre-punched. So you can fit them to the roof with pop rivets or sheet metal screws. A very stable and reliable system.

EASY INSTALLATION

This mounting system uses only three different components and is very compact. This makes installation especially easy.

QUALITY MATERIALS

Our supports are made of high-quality aluminium. Reliable and durable. That's why we provide a 25-year warranty.



WHY STEELDECK?

- ✓ Fast installation on steel deck roofs
- ✓ Prepunched
- ✓ Only three components
- ✓ Keeps inventory to a minimum
- ✓ Developed together with professional installers
- ✓ Sturdy, reliable and durable
- ✓ Different lengths available
- ✓ 25-year warranty



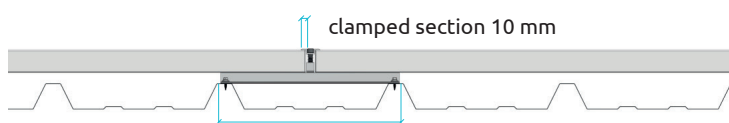
HANDY CALCULATOR FOR INSTALLERS

Making calculations for your next project? Use our calculator to get the figures you need quickly and place your order directly. Including:

- ✓ Material list
- ✓ Schematic
- ✓ Ballast plan

PRODUCT INFORMATION	
Orientation	<i>portrait</i>
Angle	<i>from 8°</i>
Materials	<i>aluminium</i>
Roof type	<i>shed/steel decks/sandwich panel roofs</i>
Solar panels	<i>all conventional PV modules</i>
Warranty	<i>25 years for the materials (if installed according to the manual)</i>

FRONT VIEW



223 mm or 375 mm profile, depending on distance between the grooves

STEELDECK LENGTHS

236023 Trapezoidal profile 2	0 mm
L=223 mm - prepunched - including EPDM	
236375 Trapezoidal profile	20 mm
L=375 mm - prepunched - including EPDM	
236120 Trapezoidal profile	20 mm
L=6100 mm	
236140 Trapezoidal profile	40 mm
L=6100 mm	
236160 Trapezoidal profile	60 mm
L=6100 mm	

SIDE VIEW



NO-GO ZONE

Turbulent wind flows can occur along the facade. Therefore, keep a zone at the edge of the roof free from solar panels. Keep a minimum of 30 cm free all the way around.
NEN 7250: 2014

LOAD

The system adds 1.8 kg/m² to the weight on the roof.
With 223 mm profiles 0.6 kg/m²
and with 375 profiles 0.7 kg/m²

EQUIPOTENTIAL BONDING

The equipotential bonding takes place automatically due to the aluminium. This prevents the build-up of voltage in the material and ensures that the inverters and micro-inverters are not damaged. NEN 1010:2015

EQUIPOTENTIAL BONDING

NEN-EN 1990 Eurocode: Basis of structural design
NEN-EN 1991-1-3 Actions on structures - Snow loads
NEN-EN 1991-1-4 Actions on structures - Wind actions
NEN 7250 Solar energy systems - Integration in roofs and facades
NEN-EN 1999-1-4 Design of aluminium structures
NEN-EN 1997 Geotechnical design