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

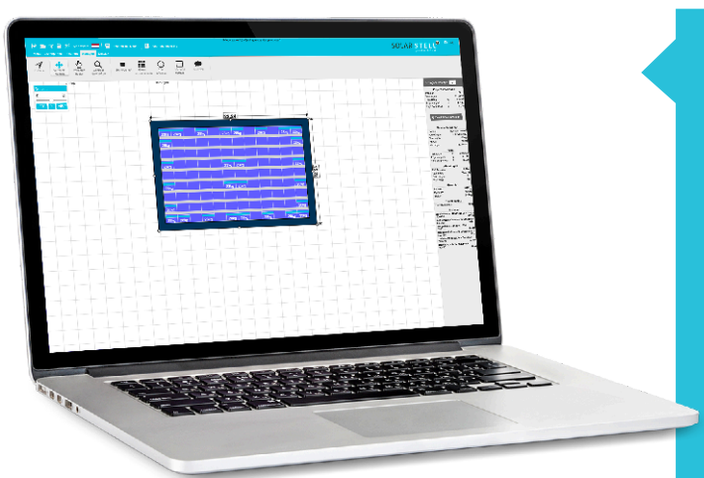
This mounting system uses only three different components and is very compact.
This makes installation especially easy.

QUALITY MATERIALS

Our supports are made of high-quality aluminium. Reliable and durable.
That's why we provide a 20-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
- 20-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:

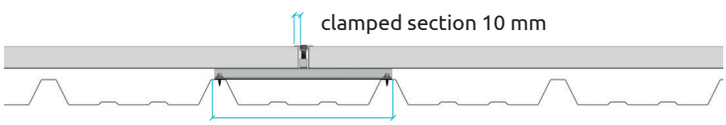
- **Material list**
- **Schematic**
- **Ballast plan**

blubase™

WANT MORE INFO?
Call us on +31 (0)85 8000 501
or email info@blubase.com

PRODUCT INFORMATION	
Orientation	*portrait*
Angle	*from 8°*
Materials	*aluminium*
Roof type	*shed/steel decks/sandwich panel roofs*
Solar panels	*all conventional PV modules*
Warranty	*20 years for the materials (if installed according to the manual)*

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