# Sundeck®

SOLARWORLD
REAL VALUE

*Data sheet*

**Ideal solution:** In combination with quality modules from SolarWorld, Sundeck is the perfect in-roof solar power system mounting solution. The small number of optimally aligned components allows for an easy, uncomplicated installation of the system.

**Replacement for rooftop cover:** In contrast to conventional roof covering, Sundeck solar power modules are mounted at pantile level. It can be used in place of roof tiles during the restoration or complete reroofing process.

**Stability:** Tediously mounting a large number of roof hooks and aluminum frames under high snow and wind loads is no longer necessary. Developed specifically for use in extreme conditions, the heavy-duty Sundeck 8500 model meets even the highest static requirements and can be used for snow loads up to 8.5 kN/m².

**Design:** Sundeck is a complete system with covering frames which fits optimally into the existing roof structure, meeting even the most stringent design requirements.

# Sundeck®

SolarWorld REAL VALUE

Sundeck is the ideal solution for new buildings, for an upgrading of existing buildings and for roof renovation. Simply remove the old roof covering, install your Sundeck and save the costs for a new roof covering.

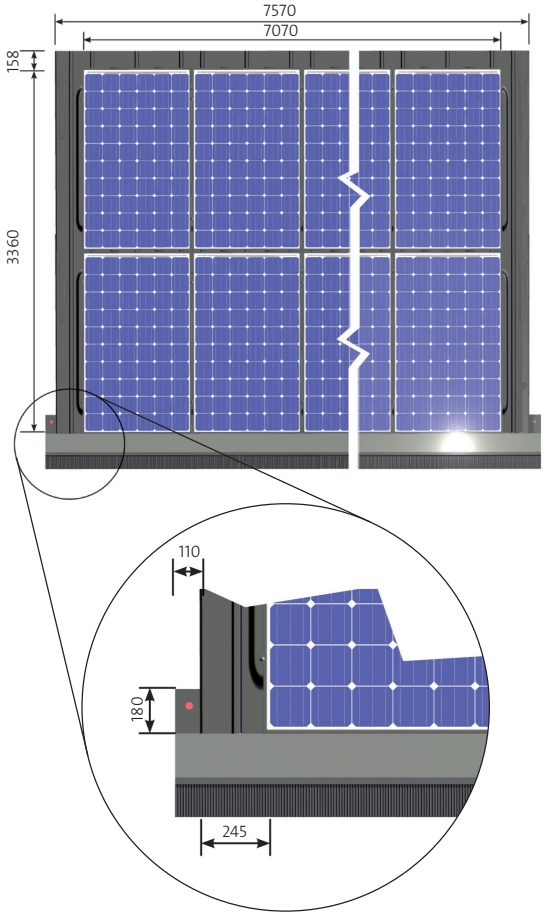
## TECHNICAL SPECIFICATIONS

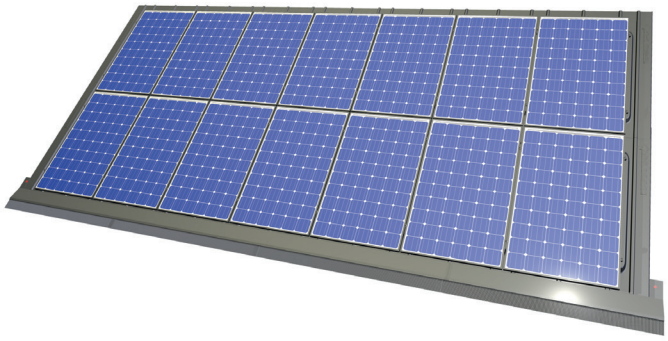
- suited for pitched roofs with a slope between 15 and 60 degrees
- suited for SolarWorld module types (1675 x 1001 x 33 mm)
- galvanized steel plate for durable corrosion resistance
- water spray test according to DIN EN 60529 passed without noticeable water entry
- ammonia resistance tested according to DIN EN ISO 3231/ DIN EN ISO 6988/DIN 50018 without noticeable problems by TÜV Rheinland

## DESIGN

- can be used even with heavy snow loads (Sundeck 8500 usable up to 8.5 kN/m²).
- easy installation of modules due to integrated module fasteners
- no additional aluminium sections needed
- good rear ventilation due to an improved stack effect behind the modules
- Color: RAL 7021 (gray)
- Weight without module: 6.7 kg/m²

## SAMPLE SOLAR POWER SYSTEM



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- **Qualified PV Mounting System**
- **Periodic inspection**

SolarWorld AG reserves the right to make changes to the specifications.

KB8175 | 2015-01-09 EN