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RENOSOL® S480 - Trapezium Plates

weather-resistant and robust carrier system for photovoltaic constructions



Product description

Usage

Solar plants need a firm stand. Your investment needs a strong fundament also in case of weather-fluctuations or winds in hurricane force. In the past, anchors or concrete elements were used for loading.

RENOSOL® S480 are able to withstand the forces because of often already existing 8-12 cm high gravel filling on flat roofs. With a filling of 12 cm gravel results a superimposed load (weight on **RENOSOL®** plates) of approx. 180 Kg/m². Depending of region, weather conditions and constructional conditions additional gravel can be applied. **RENOSOL® S480** are able to withstand high forces up to 1000 Kg/m².

(Source: University of Applied Science Kaiserslautern, Prof. Dr.-Ing. Schuster, specialism: plastics testing)

Ground

RENOSOL® S480 are useable on all conventional building protection plates / roof membranes (e.g.: granulated rubber mats, bitumen, flexible PVC, TPU, EPDM, roofing felt, etc.).

Fastening

Superstructural parts and frameworks made of aluminium, plastics, chromium steel or zincked sheet on **RENOSOL® S480** can be affixed by screw connections. Connections with rivets can also be installed afterwards – without lifting the plates – on the afore constructed **RENOSOL® S480**. The guide bar of the fastening system is mounted from above with a rivet gun directly on **RENOSOL® S480**. The tensile strength per rivet is >1000 N.

You can find rivet guns and rivets in our accessories program.

RENOSOL® Advantages:

- very strong
- quick to lay
- low weight
- high tensile strength at break
- high breaking resistance
- high impact resistance
- no need of hoisting gear for laying
- no risk of injury
- chemically neutral
- biologically neutral
- rot resistant
- recyclable

Easy – Quick – Strong!

Endlessly to lay with all side click system

RENOSOL® is a registered trademark and patent-protected.

Shipping address:
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