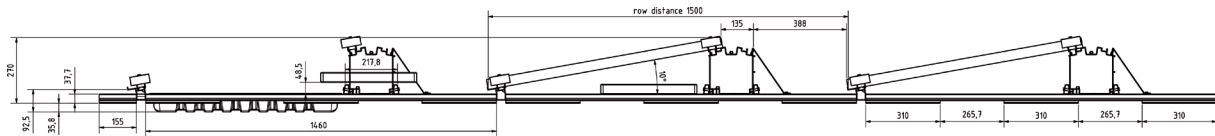


1.3 TRITEC PMT South



POTENTIAL APPLICATIONS

- for PV systems on flat roofs with southern orientation
- optimal for large and very large flat roofs with desired load optimization without roof penetration
- possible roof covering: foil, bitumen, gravel, roof greening, sheet metal, concrete, open spaces
- applicable with all standard PV module sizes from 980 to 1020 mm width, 1630 to 1680 mm length and 30 to 50 mm height

ADVANTAGES

Shortest mounting time

- suited for framed module in horizontal mounting
- installation by means of a simple click system with few tools
- without roof penetration
- simple module clipping

High stability and safety

- optimum load distribution (due to 150 mm wide bearing surface of the basic structure on the roof covering)
- sandwich-type protective fleece (11 mm) firmly pre-mounted on the system for protection of the roof covering; it also allows unobstructed roof drainage
- optimized rear ventilation for maximum energy yield
- ballast reduction due to aerodynamically optimized construction
- aerodynamic

Quality

- material: high-quality aluminium EN-AW-6063-T3 and stainless steel A2-70
- testing institutes:
 - Institut für Industrieaerodynamik in Aachen (Institute for Industrial Aerodynamics / aerodynamic investigations)
 - Faculty of Mechanical Engineering and Automotive Technology / Laboratory for Materials Technology REM/EDX (load tests components)
 - Ingenieurgruppe Knörnschild und Kollegen (Engineering Group / component testing and wind tunnel tests)

MOST IMPORTANT COMPONENTS

- Cube 10°
- Base 10°
- rear wall panel