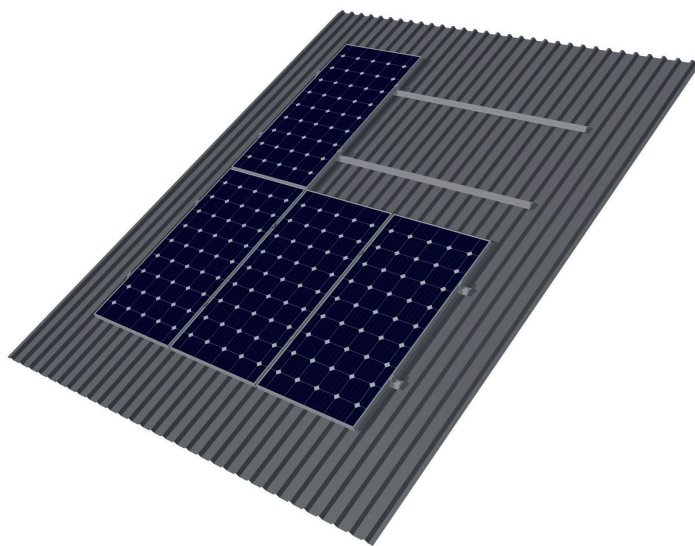




mounting
systems



Trapeze BaseLine

Variable application

The trapezoidal system Trapeze BaseLine can be installed on almost all common trapezoidal roofs. The outer click technology and the intelligent design are suitable for different trapezoidal shapes and load situations.

Free arrangement

Either the complete roof surface or part of it can be covered with the modules. The standard components allow for module installation in portrait and landscape.

Fast installation

The Trapeze BaseLine was especially developed for an easy and quick installation. The high pre-assembly standards and the plant-specific adaptation enable short installation times.

Little planning requirement, high safety

With the design software at Mounting Systems, the material for a standard application can be designed in minutes, including specific static verification and parts list with all necessary components. The required quantity of rails and fixing points can be optimised due to a project specific static calculation.

Maximum life span

All components are made from aluminium and stainless steel. The high resistance to corrosion guarantees a maximum life span. In addition, all parts can be recycled.



On-roof



Framed module



Frameless module



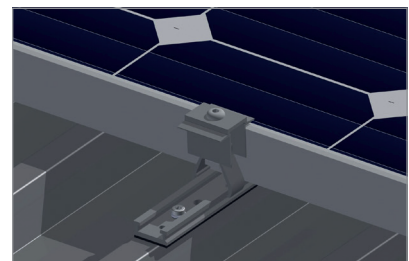
Orientation portrait



Orientation landscape



Trapezoidal sheet



Landscape installation, direct installation of short rail pieces on high beads

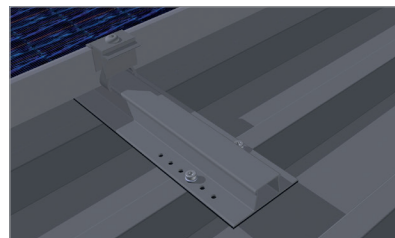


¹ The Trapeze BaseLine can be used on nearly all available trapezoidal coverings with a material thickness of at least 0.4 mm (Steel). Please contact us for more detailed information ahead of your planning.

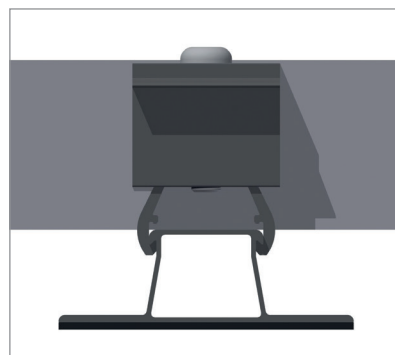


mounting systems

Application	Pitched roof – on-roof
Roof cladding	Trapezoidal sheet metal ¹
Min. sheet thickness	Steel: 0.4 mm ² Aluminium: 0.8 mm
Min. bead height	From 20 mm
Roof slope	Up to 20° ²
Building height	Up to 20 m ²
PV-Modules	Framed, frameless
Module orientation	Portrait, landscape
Size of module array	Any size possible ³
Position of the module	No special requirements
Possible height compensation	Up to 5 mm
Distance between rail fixations	Depending on load situation (automatic verification per design software)
Standards	Eurocode 1 – Action on structures Eurocode 9 – Design of aluminium structures
Supporting profiles	Extruded aluminium profiles (EN AW 6063 T66)
Rail fixations	Side fixing clip: Aluminium (EN AW 5754)
Small parts	Stainless steel (V2A)
Colour	Aluminium: plate finish
Warranty	10 years ⁴



Portrait installation



Rail with module clamp

- ¹ The screws which are provided for the system Trapeze BaseLine are suitable for mounting on trapezoidal sheet metal roofs made of steel or aluminum. In case of an installation on sandwich elements, the customer must clarify and ensure that the deployed sandwich element can withstand the fastening forces and loads resulting from the PV installation. Mounting Systems recommends the installation of the Trapeze BaseLine-system on single-layer trapezoidal sheet metal roofs. Mounting Systems cannot guarantee a sufficient long-term load capacity of the sandwich element after the installation of the Trapeze BaseLine-system.
- ² Depending on the site situation, the building, the selected fixing devices and the type of module, other values may apply. With the Trapeze BaseLine-Design tool you can easily calculate the permissible maximum values for each plant.
- ³ Based on the expected thermal expansion due to temperature and the thus occurring tension within the rails, we recommend a maximum length of 12 m per module row.
- ⁴ Please find the exact terms in the Mounting Systems GmbH warranty document.

For further information: www.mounting-systems.com
Subject to technical changes.
2018 © Mounting Systems GmbH