

The alternative for smooth sheet metal roofs, i.e. with no standing seam to provide a base for fastening (e.g. titanium zinc metal roofs).

**114001-001** FixPlan 12x200 KlickTop with hanger bolt 12x200

**114002-001** FixPlan 12x200 KlickTop with hanger bolt 12x300

**114001-000** FixPlan 12x200 with hanger bolt 12x200

**114002-000** FixPlan 12x300 with hanger bolt 12x300

114003-000 FixPlan sealing mat

114004-000 Bituplan additional seal for FixPlan

For mounting on bitumen roof coverings

## Area of application

For fastening solar plants and PV-plants to sheet metal- and bitumen roofs.

## Important information on structural safety

- A sufficient holding force of the metal sheet to the substructure is prerequisite when mounting an assembly on the roof cladding. Please note that this verification must be provided by the customer!
- Sheet metal is particularly prone to stress in elevated plants. Please ensure a sufficient number of fastening points and provide proof of the holding capacity of the roof covering.
- The verified holding force of the standing seam clamp on the roof can be taken from the respective system structural analysis.
- Take into account the additional stress at roof edges and in the corner zones, or avoid these areas altogether when planning the plant assembly.
- The self-weight of the PV plant must be added to the snow load in order to calculate the maximal load incurred on the roof covering.



