

Technical datasheet

Process under ETN

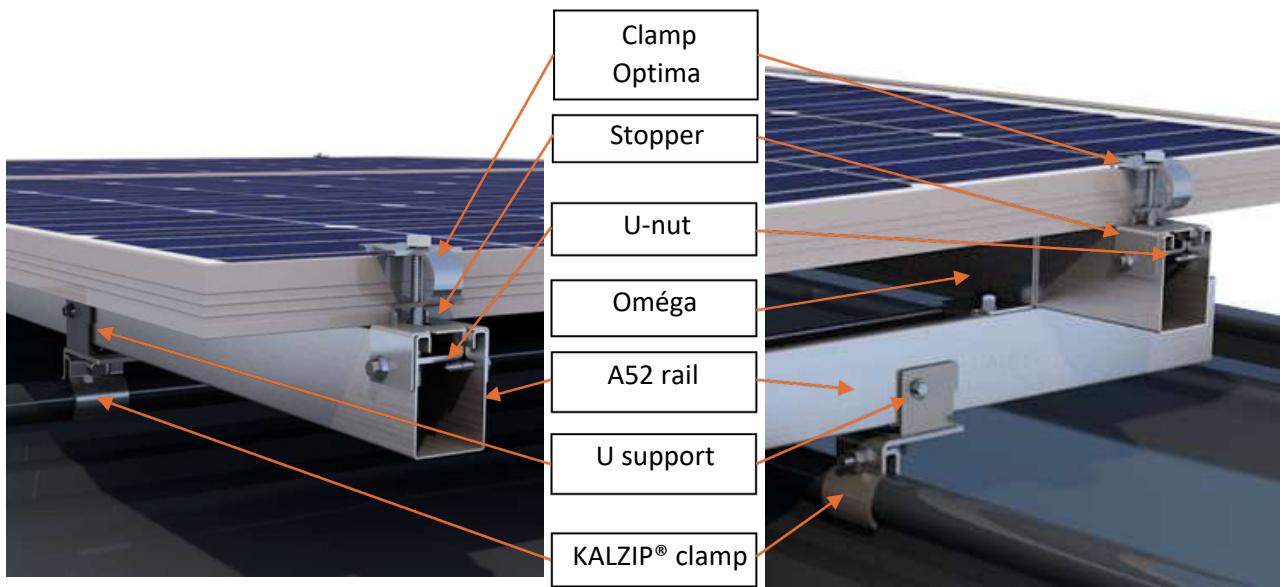
Optima for Kalzip®

The AdiWatt OPTIMA process on Kalzip® roofing combines framed photovoltaic modules with a specific mounting system for installation on standard Kalzip® standing seam roofing (XX/XXX or AF/XXX) using Kalzip® type FS clamps.



Metal	Steel + ZM310 according to EN 10346
Field of application	New or existing roofs covered with "Kalzip®" ribbed aluminum sheets, pre-painted or not, in compliance with DTU 40.3 6 (standard Kalzip® profil XX/XXX or AF/XXX).
Installation areas	Low- and medium-humidity premises
Max. altitude	900 m
Max and min roof pitch	2.8° to 45°
System weight/m ²	3,5 kg
Modules	Framed - Long edge mounting
Assembly on the roof	Using Kalzip® FS type clamps (to be supplied by Kalzip®) Each layout requires a study based on the characteristics of the Kalzip® cover (type of roof, thickness, fixing clip, distance Lk).
Max. slope length	65 mm high roof covering: 100 m 50 mm high roof covering: 50m In DROM (Overseas option closed building: 40 m

System parts



Installation on 1 A52 rail level

Installation on 2 A52 rail level

Types of installation

- Installation on standard Kalzip® standard XX/XXX profil and Kalzip aluminum fixation clamp.
 - Installation in blocks of 2 modules, fixed on 1 level of A52 rails.



- Installation on standard Kalzip® standard XX/XXX or AF/XXX profil and Kalzip composite fixation clip.
 - Installation in blocks of up to 5 modules, fixed on 2 levels of crossed A52 rails.

