Mounting systems for solar technology

Slovenia
Installation: 150 kW | S-Dome System

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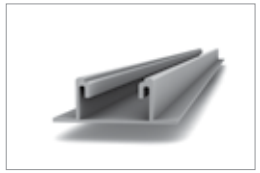

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Produktblatt S-Dome System | GB7 | 1014 | Subject to change

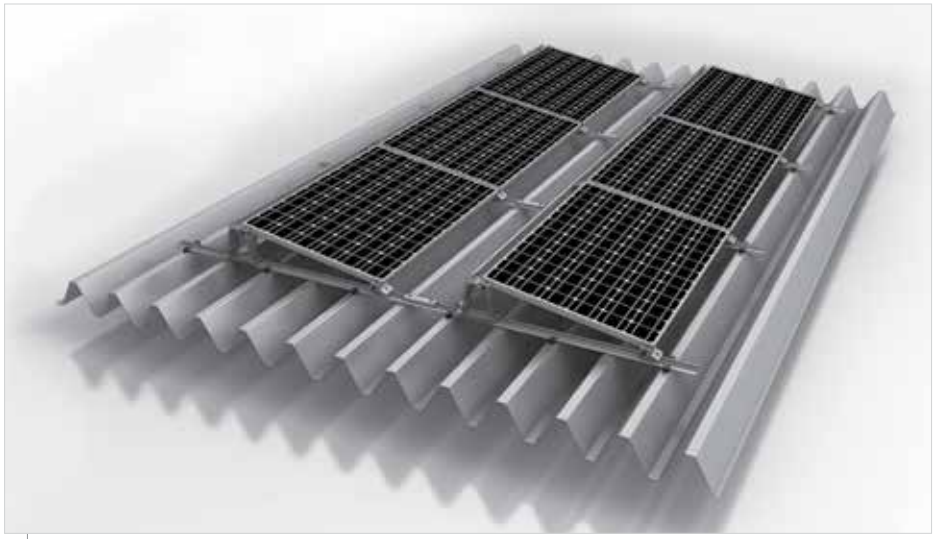
K2 SYSTEMS
FLAT ROOF SYSTEMS
S-DOME SYSTEM

S-DOME SYSTEM

- Ideal for roofs with low ballast potential and with or without a parapet
- Very easy to install, because of just a few simple K2 Dome system components with optimum accessibility
- Reduced assembly time
- Very attractive price-performance ratio
- Available at 10° elevation angle
- Aerodynamically optimised with wind breaker on reverse enabling minimal ballast; tested in a wind tunnel by leading structure aerodynamicists
- K2 SpeedRail as base
- K2 building protection mats, specially coated for secure and durable roof support on virtually all membrane roofs, K2 Scale or K2 Porter for simple and quick installation of ballast
- Static proven solution using the K2 Base Planning Software

Technical data	
Field of application	Flat roof to 5°
Roofing	Foil, trapezoidal and bitumen roof
PV modules	Module attachment by corner clamping, observing module manufacturer recommendations
Module orientation	Horizontal
System orientation	South-east to south-west
Material	Aluminium (EN AW-6063 T66)
Connecting elements	Stainless steel screw A2-70
Weight/m² module surface	without module, without ballast approx. ca. 4 kg
Roof connection	Laying with potential ballasting, no roof penetration
Static principles	Calculation principles in accordance with Eurocode 9 - dimensioning and construction of aluminium structures using wind tunnel tests
Load assumption in accordance with	DIN EN 1991 (Eurocode 1)
Systemkomponenten	K2 SpeedRail, K2 S-Dome, K2 Dome SD, End and Middle Clamp Sets, M K2, K2 Porter/ K2 Scale/ K2 Scale XL, Wind-breaker, K2 Solar building protection mat, K2 Allen bolt

Explosion drawing



K2 S-Dome System on Trapezoidal sheet