

Mounting systems for solar technology



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Produktblatt S-Dome 2.0 System | GB2 | 0615 | Subject to change
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K2 SYSTEMS
FLAT ROOF SYSTEMS
S-DOME 2.0 SYSTEM

S-DOME 2.0 SYSTEM

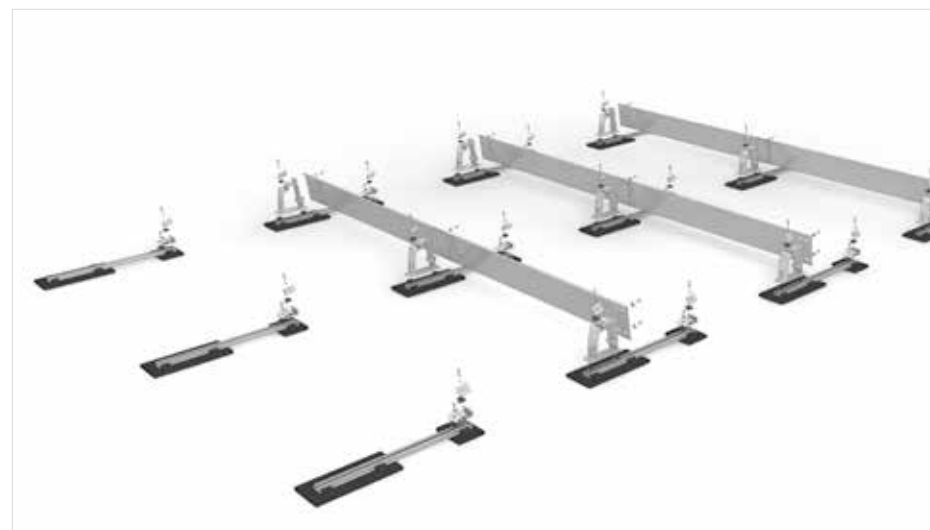
- Ideal for roofs with low ballast potential and with or without a parapet
- Very attractive price-performance ratio and logistic advantages thanks to short rail sections and sleek Dome design.
- Very easy to install, because of just a few simple K2 Dome system components with optimum accessibility
- 10° elevation angle
- Aerodynamically tested in a wind tunnel by leading structure aerodynamicists
- Static proven solution using the K2 Base Planning Software

Technical data

Field of application	Flat roof to 5°
Roofing	Foil 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/m ² module surface	without module, without ballast approx. ca. 2.8 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)
System components	K2 SpeedRail, K2 S-Dome 1000 2.0, K2 Dome SD 2.0, M K2, XS Endclamp Set, Middleclamp Set, K2 (Short) Porter, Windbreaker, Building protection mat, bolt with serrated under head



Detailed illustration - S-Dome 2.0 System



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