

Mounting systems for solar technology



K2 SYSTEMS  
**FLAT ROOF SYSTEMS**  
**D-DOME SYSTEM**

## D-DOME SYSTEM

- innovative 10° flat roof system with double-sided configuration suitable for all orientations, with the same yield performance
- Maximize roof arrays due to minimal shading spaces; therefore achieve higher yields
- Ideal for roofs with low ballast potential
- quick mounting due to reduced number of components and assembly only from above
- Without module carrier rail, direct clamping with the Dome D800, D1000 and Dome SD
- Option of K2 FlatRail or K2 SpeedRail as a base rail
- K2 building protection mats, specially coated for secure and durable roof overlay on virtually all membrane roofs
- K2 Scale or K2 Porter for simple and quick installation of ballast

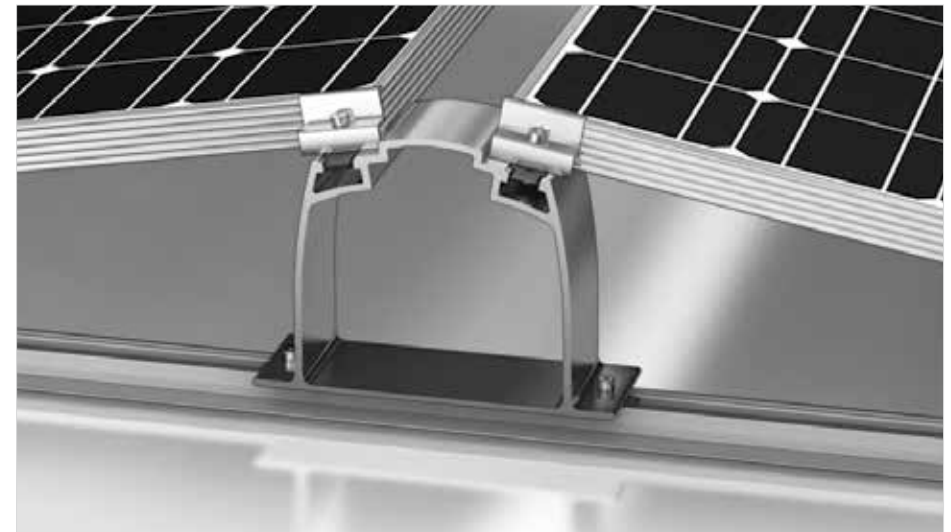
### Technical data



Field of application	Flat roof
Roofing	Membrane and bitumen roof
PV modules	Module fastening with corner clamping or alternatively mid clamping observing module manufacturer recommendations
Module orientation	Horizontal
System orientation	Flexible double-sided with any orientation possible
Material	Aluminium (EN AW-6063 T66)
Connecting elements	Stainless steel A2-70
Weight/m <sup>2</sup> module surface	Without module, without ballast approx. 2.5 kg
Roof connection	Overlay with potential ballast; 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 Dome D1000 or D800, K2 Dome SD, K2 FlatRail or K2 SpeedRail, middle and end clamps set, M K2, K2 Scale, K2 Porter, K2 solar building protection mat



Detail illustration - D-Dome System



Detail illustration - D-Dome System

SERVICE-HOTLINE  
**+49 (0)7152 3560-0**  
[www.k2-systems.com](http://www.k2-systems.com)

Produktblatt D-Dome System | GB4 | 0413 | Subject to change-  
Product illustrations are exemplary illustrations and may differ from  
the original.

