

Mounting systems for flat roofs

The solar mounting systems of Van de Valk Solar Systems for flat roofs have been developed while taking roof and wind load into consideration and thus comply with the strictest safety requirements.

Our assortment for flat roofs are well-known for their simplicity and speed of mounting. After completing the design with our calculation software, the necessary ballast (small quantity) can be ordered directly. This simplifies the logistics and installation.

Orientation: south

Orientation: east-west

ValkPro+

- Suitable for all panel sizes
- Landscape mounting
- 10° tilt angle
- South and east-west mounting
- Option for extra panel support in case of a high snow load or with very large solar panels
- Option to fixation to the roof with ValkSolarFix



ValkPro+ Max

- For maximum solar panel load
- Portrait mounting
- 10° tilt angle
- South and east-west mounting
- Option to fixation to the roof with ValkSolarFix



These are the advantages:

- ValkPro+ in 10 degree landscape and portrait
- Mounting speed of 3 minutes per solar panel
- 100% equipotential bonding
- Certified for lightning protection
- Specific approval for Germany (abZ)
- Standard application up to 25m height (higher upon request)
- Minimal number of articles required
- Low ballast, supported by the Eurocodes and windtunnel tests (specially tested for PVC roofs)
- Fitted with flexible, soft rubber feet for absorbing expansion and shrinkage and protecting roof
- Panel clamps standard with stainless steel plate for equipotential bonding
- Smart and safe cable management



Our ValkKits and other clever solutions

We are a one-stop shop for solar systems and everything concerning the mounting of PV-panels. Along with mounting systems for flat and pitched roofs, we are also specialised in solutions for extension and lean-to roofs, garages or apartment buildings and ground mount systems.

Minimise your stock holding with our ValkKits. The pre-packed format reduces both picking time and mistakes.

Flat roofs

ValkDouble / ValkTriple / ValkQuattro

- Up to twice as many panels on a roof
- Universal mid-clamp and endclamps (H 28-50 mm)
- Minimal height due to small fixed tilt angle of 10°
- Can also be used as ground mount system



Flat roofs

ValkBox3

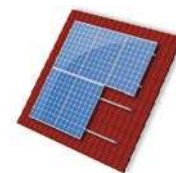
- Mounting for one solar panel
- Very easy to mount
- For roofs with many obstacles



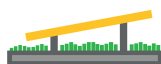
Pitched roofs

ValkBox - Boltline

- Mounting system for pitched roofs with roof tiles
- All of the small mounting materials packaged as kit in one box
- Configurations of two to five panels



Ground mount



All versions of the ValkPro+ can be conveniently placed on open spaces such as an abandoned industrial area. No foundation points in the ground are required, which makes this system for projects on capped water reservoirs for example.

The system is easy to install, eliminates the need for heavy machinery and, thanks to the simple logistics, even faster to install than a flat roof system. The special concrete foundation feet provide the required ballast, offer stability and raise the system, which simplifies maintenance. An anti-weed membrane is often used to prevent unwanted growth around the system.

Ground

ValkPro+

- No ground penetration and heavy machines needed
- Special foundation blocks take care of height, ballast and stability
- All variants of ValkPro+ possible

