



Flat roofs > ValkPro+

The solar mounting systems of [Van der 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 necessary ballast (small quantity) can be ordered directly. This simplifies the logistics and installation.

“Quick assembly thanks to premounting of essential components”



Mounting speed 3-4 minutes per panel



Metal couplings, so pre-prepared for grounding and lightning protection



Standard application to 25m roof height (higher on request)



Low ballast, supported by the [national standards and wind-tunnel tests](#)





“Mounting speed of
3-4 minutes
per panel”

These are the advantages:

- ValkPro+ in 10 and 15 degrees landscape and 10 degree portrait
- Mounting speed of 3-4 minutes per panel
- Metal connectors (no plastic) so it is prepared for earthing and lightning protection
- 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)
- Also suitable for 2m solar panels and “high power” (extra wide and/or long) panels
- Fitted with flexible, soft rubber feet for absorbing expansion and shrinkage and protecting roof

Orientation: south

Orientation: east-west

ValkPro+ L10

- Landscape mounting
- 10° tilt angle
- Pitch south: 1500 mm (1200*, 1300*, 1400* or 1600*)
- Pitch east-west: 2300 mm (2150*)



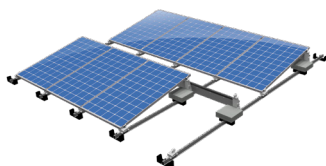
ValkPro+ L15

- Landscape mounting
- 15° tilt angle
- Pitch south: 1500 mm (1200*, 1300*, 1400* or 1600*)
- Pitch east-west: 2300 mm (2150*)



ValkPro+ P10

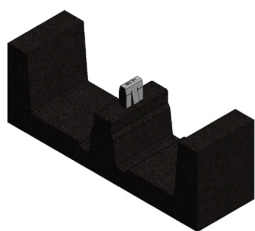
- Portrait mounting
- 10° tilt angle
- Pitch south: 2300 mm(*)
- Pitch east-west 60 cells: 3500 mm(*)
- Pitch east-west 72 cells: 4200 mm(*)



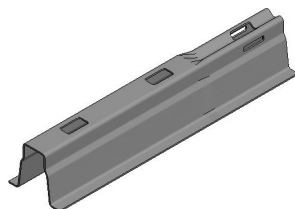
* Another pitch is possible for projects > 500 kWp.

Flat roofs > ValkPro+ L10 East-West

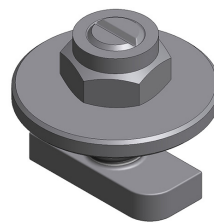
Only 7 components:



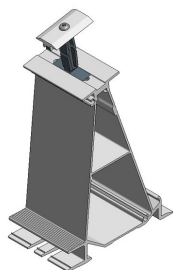
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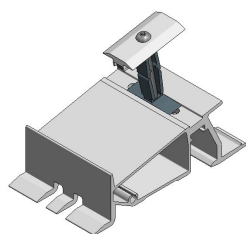
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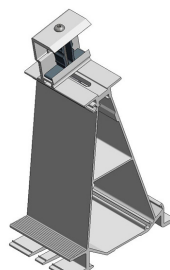
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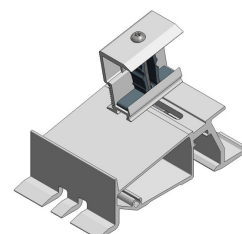
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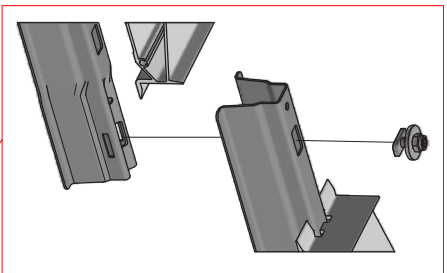
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A 3D exploded view of a mechanical assembly. On the left, there are four grey structural rails, each featuring a central rectangular block and several adjustment screws. On the right, there are four blue plates with a diamond-shaped mesh pattern. Thin grey lines connect each rail to its corresponding plate, indicating their assembly relationship. A red line is visible on the far left, extending from the bottom rail.



ValkPro+ as ground mount system



Did you know that the ValkPro+ can also be used as a ground mount system?

All versions of the ValkPro+ can be conveniently placed on, for example, a meadow or an abandoned industrial site. No foundation points in the ground are required, which makes this system for example ideal for water treatment.

The system is easy to install, eliminates the need for heavy machinery and, thanks to the simple logistics, 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-root cloth is often used to prevent weeds.



Even if our ValkPro+ is installed as a ground mount system, it can be decided later to relocate the system to a flat roof. And vice-versa!

Other mounting systems



When developing mounting systems for roofs, ease of mounting and speed are the most important points of attention. Flexibility is another important point.

There are many types of [pitched roof](#), after all, each with its own requirements for a secure attachment. Our assortment for pitched roofs is both well designed and complete. The systems are applicable to many different types of roof, with of course the right, secure roof attachment for every pitched roof.



Complete range of roof solutions such as tiled roofs, steel roofs, corrugated roofs, bitumen roofs and seamed joint roofs (e.g. Kalzip)



Prepackaged kits possible as ValkBox



Only 2 types of panel clamps as they are adjustable (28-50mm)



Standard application to 25m roof height (higher on request)

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:

Flat roofs

[ValkDouble](#) / [ValkTriple](#) / [ValkQuattro](#)
[ValkBox3](#)

Facades/canopies

[ValkCanopy](#)

Pitched roofs

ValkBox - [Slimline](#) / [Smartline](#) / [Strongline](#)

Fields

[ValkPro+](#) as ground mount system
ValkField - [Single row](#) / [Double row](#)

ValkCableCare

Van der Valk Solar Systems offers a complete range of cable management products under the name [ValkCableCare](#).

With these products the cabling of the PV-system can be arranged in a neat, safe and quick manner.

Access



Premium



Calculation software

With the free to use [ValkPVplanner](#), every flat or pitched roof project can be designed via satellite images, a building drawing prepared by you, or simply by specifying the number of panels desired.

The result is a detailed manual including installation drawings and material lists, and for flat roofs a ballast overview.

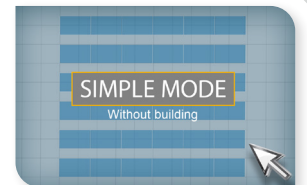
The ValkPVplanner is user-friendly, it can be linked to your webshop and/or another PV programme via an API connection.

Default values for the most common variables provide rapid insight into the possibilities for your project.

Option 1: Simple mode

Draw a system without a building

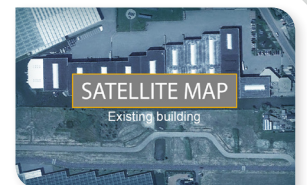
- Draw a system on a blank sheet
- Specify the number of panels per row and the number of rows



Option 2: Satellite map

Draw a system on an existing building

- Draw the system on an existing roof using satellite images, such as Google Maps
- Quickly and easily define the mounting material for multiple and different roof surfaces



Option 3: White map

Draw a system on a new building

- Draw a system on a blank sheet
- For new buildings, it is sufficient to state the building dimensions



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