

VAN DER VALK



Developer and producer
of solar mounting systems

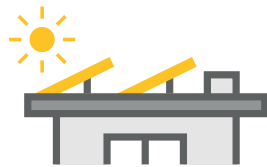


✓ People-oriented

✓ Innovative

✓ Sustainable

✓ Entrepreneurial



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+ Landscape

- ✓ 10° tilt angle
- ✓ South and east-west mounting
- ✓ Option to fixation to the roof with ValkSolarFix



ValkPro+ Max Portrait

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



ValkPro+ Max Landscape

- ✓ For maximum solar panel load
- ✓ 10° tilt angle
- ✓ East-west mounting
- ✓ Option to fixation to the roof with ValkSolarFix



Coming soon...



Advantages of this mounting system

- ✓ 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 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 for equipotential bonding
- ✓ Smart and safe cable management



Mounting systems for pitched roofs

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 roofs, 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.

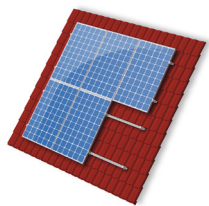
ValkAce - Tiled



Standard roof tiles



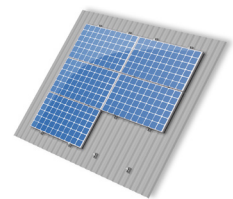
Slate roof tiles



ValkPitched - Trapezoidal



Steel roof/sandwich



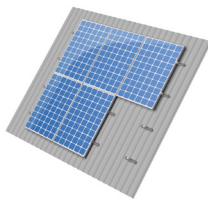
ValkPitched - Corrugated



Eternit corrugated roof



Steel corrugated roof



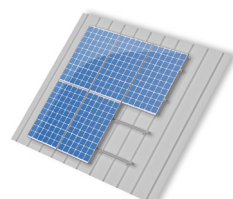
ValkPitched - Standing Seam



Standing seam flat



Standing seam round



ValkPitched - Plain Covering



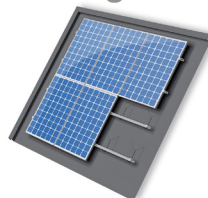
Bitumen



PVC



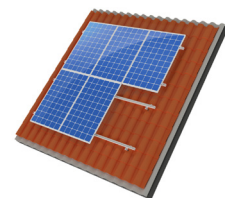
EPDM



ValkPitched - Mediterranean



Fixed roof tiles



Advantages of this mounting system

- ✓ Complete range of roof solutions such as tiled roofs, steel roofs, corrugated roofs, bitumen roofs and standing seam roofs
- ✓ Only 2 types of panel clamps as they are adjustable (28-50mm)
- ✓ Only 1 type of profile (available in various lengths)
- ✓ Standard profile lengths long enough to suit the biggest sizes of solar panels (less sawing waste)
- ✓ For tiled roofs the possibility to screw (Smartline, Strongline and hanger bolt) and hang (Slimline)
- ✓ Prepackaged kits possible like ValkBox
- ✓ Rapid mounting due to extensive premounting of parts
- ✓ Standard application up to 25m height (higher upon request)
- ✓ Panel clamps for equipotential bonding
- ✓ Smart and safe cable management



Cable management ValkCableCare



Safe cable management for PV systems

Van der Valk Solar Systems offers a complete range of cable management products under the name ValkCableCare. With the help of these products, the electrical cabling of the PV system can be concealed in a neat, safe and fast way on the PV mounting system.

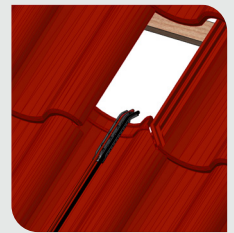
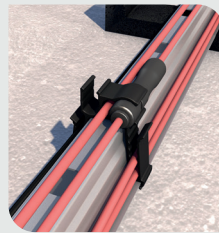
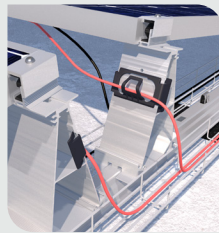
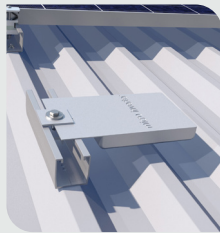
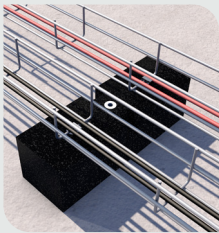
The selection of cables is an important procedure, but how the cables are subsequently managed, the cable management, also influences the operation of the entire PV system. Poor cable management can ultimately lead to problems.

Applications

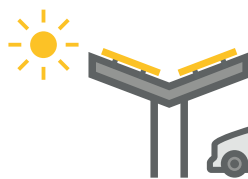
- A complete range of cable management products and accessories for mounting systems that can be easily and quickly mounted on both flat and pitched roofs
- Range also suitable for non-solar applications
- Various offerings in:

- ✓ Cable baskets, covers and support blocks
- ✓ Cable and connector clamps
- ✓ Micro inverter/ optimizer clamps

- ✓ Components for equipotential bonding
- ✓ LPS (Lightning Protection System) clamps
- ✓ PV Inverter Shelter



Carports ValkTop



Maximise your properties potential

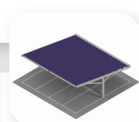
Van der Valk Solar Systems offers a variety of solar carports for small- and large-scale commercial applications. It is a modular system that uses standardized components for easy and quick installation.

Applications

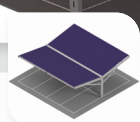
- ✓ ValkTop Single and ValkTop Double in south configuration
- ✓ ValkTop East-West in east-west configuration
- ✓ Applicable with all standard panel sizes
- ✓ Supplied with our ValkPitched Trapezoidal system



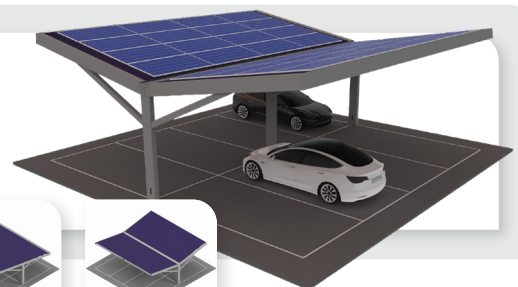
ValkTop Single



ValkTop Double

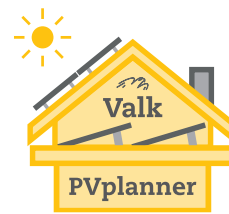


ValkTop East-West



Calculation software

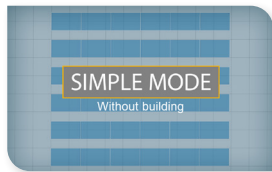
www.valkpvplanner.com



Our online 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.



Simple mode

Draw a system without a building



Satellite map

Draw a system on an existing building



White map

Draw a system on a new building

Our other smart 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.

Flat roofs

ValkDouble / ValkTriple / ValkQuattro

- ✓ 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

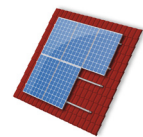
- ✓ Mounting for one solar panel
- ✓ Very easy to mount
- ✓ For roofs with many obstacles



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



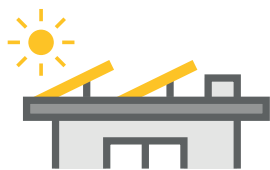
Ground

ValkPro+

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



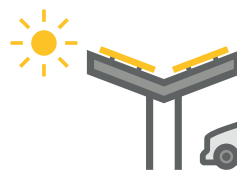
Solar mounting systems & cable management



Flat roofs



Pitched roofs

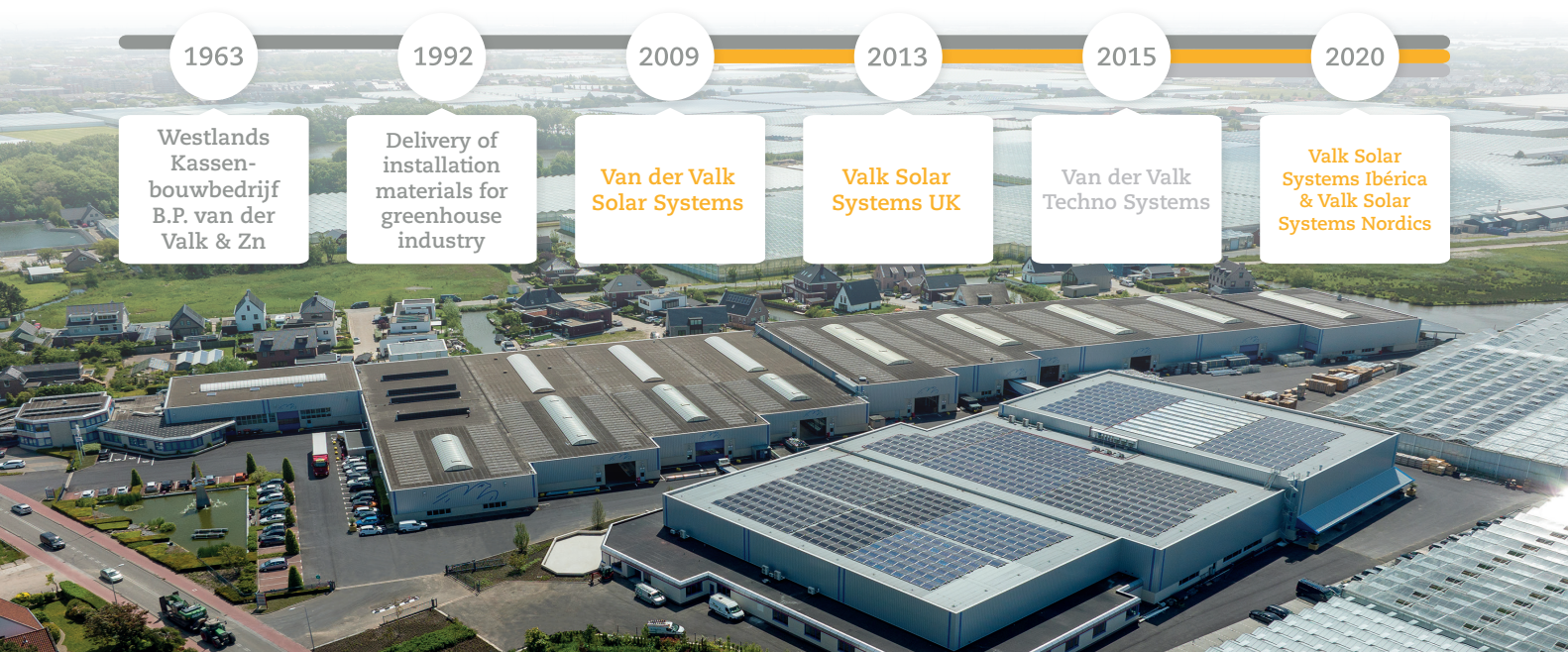


Carports



Cable management

- Innovative systems designed according to globally valid norms
- Fast and reliable deliveries thanks to modern machine park and large stocks
 - System supplier since 1963
 - Free to use software for project design and calculation
- Rapid mounting thanks to pre-mounting of essential components
 - Extensive technology and marketing support
 - Committed and entrepreneurial family-owned company



Contact details



Valk Solar Systems UK + IE
+44 1304 89 76 58
sales@valksolarsystems.co.uk

Valk Solar Systems Ibérica
+34 910 787 616
ventas@valksolarsystems.es

Van der Valk Solar Systems + International
Westernesse 18 - 2635 BG
Den Hoorn, Netherlands
+31 174 25 49 99
sales@valksolarsystems.com

Valk Solar Systems Nordics
+46 8 55 82 86 26
sales@valksolarsystems.se



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