

soltop energie

Duraklick

A brand of Soltop

PV mounting systems for flat roofs

A SUITABLE SOLUTION FOR EVERY ROOF

Non roof penetration

Windproof

Fast assembled

Sustainable solution



Duraklick

Flat Roof Mounting System ECO

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

With the Duraklick ECO 10°, 15°, and 20° system, we offer a particularly economical and cost-efficient alternative to our proven SR system. The flat roof mounting system is based on the same high-quality components as the SR system, but is designed without side spoilers and rear wind deflectors.

The lightweight aluminum construction is self-supporting and enables easy installation without roof penetration. Compared to the aerodynamically optimized SR system, however, additional ballast is required.

For buildings located in exposed areas or subject to increased wind loads, we recommend the use of optional wind deflectors on the north side. Wide base rails and additional protective mats used as an installation underlay ensure optimum protection of the roof surface and contribute to the long-term durability of the roof membrane.

soltop energie

Easy to install | **Economical** | **Roof-friendly**

Flat Roof Mounting System Duraklick ECO

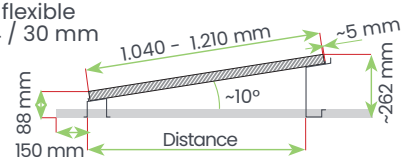
Key features:

- Available in 3 different tilt angles
- Cost-effective and easy to install
- Excellent load distribution thanks to the 230 mm wide base profile
- Corrosion-resistant due to high-quality materials
- Tested by the German Institute for Building Technology (DIBt) and officially approved since 2015 under approval number Z-14.4-691
- Compatible with the certified, penetration-free Duraklick HSS fall protection system
- Made in Germany

Duraklick ECO is available in three versions:

ECO 10°

Step size 1,60m to flexible
Module width 1134 / 30 mm



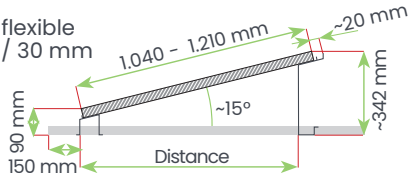
Technical specifications

Inclination	~10°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	ca. 10,7 kg/m² *
Line load	ca. 18,1 kg/m *
Material	aluminium / stainless steel

* assuming a module weight of 19 kg and a step size of 1,6 m

ECO 15°

Step size 1,80 m to flexible
Module width 1134 / 30 mm



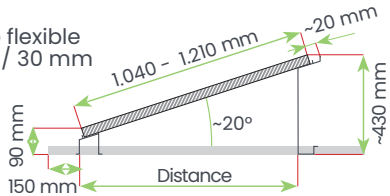
Technical specifications

Inclination	~15°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	ca. 9,3 kg/m² *
Line load	ca. 12,5 kg/m *
Material	aluminium / stainless steel

* assuming a module weight of 19 kg and a step size of 1,8 m

ECO 20°

Step size 2,00 m to flexible
Module width 1134 / 30 mm



Technical specifications

Neigung	~20°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	from ca. 7,0 kg/m² *
Line load	ca. 16,8 kg/m *
Material	aluminium / stainless steel

* assuming a module weight of 19 kg and a step size of 2,0 m



Duraklick

ECO 0°

Flat Roof Mounting System ECO 0°

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

The Duraklick ECO 0° system is a cost-efficient alternative to roof-parallel mounting systems and generally enables installation without roof penetration on flat and slightly pitched roofs with bitumen, membrane, or metal waterproofing.

It is based on identical components used in our established flat roof systems and therefore meets the same high standards of quality and durability. A protective mat beneath the 230 mm wide base profiles ensures reliable protection of the roof waterproofing and provides uniform load distribution.

System stability can be ensured by additional ballast on roofs with low pitch angles. For mono-pitch roofs with inclinations >3.5° (membrane) or >5° (bitumen), additional anti-slip protection is required. On gable roofs, the base profile is installed across the ridge. site conditions.

soltop energie

High flexibility

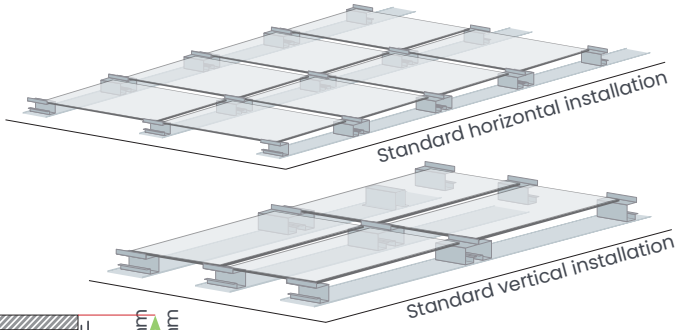
No roof penetration

Maximum use of roof area

Roof-parallel mounting system Duraklick ECO 0°

ECO 0° „Standard“

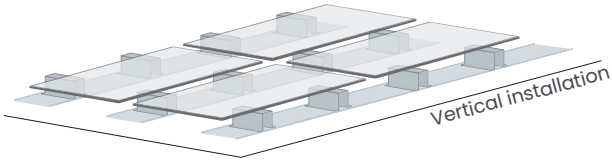
Cost-efficient and flexible installation in both horizontal and vertical orientation. The modules are mounted in the corner areas using 70 mm module clamps with integrated grounding pin (horizontal on the short side, vertical on the long side).





ECO 0° „Optimized clamping“

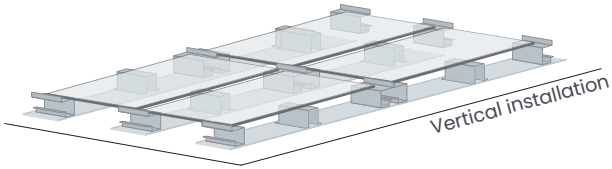
Secure fixation within the designated clamping zones, even under high snow and wind loads. Requirement: vertical installation with a maximum roof pitch of 10°.

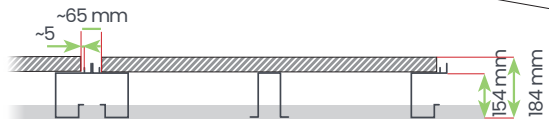




ECO 0° „6-point support / clamping“

System with six support and clamping points achieved by combining both support variants, suitable for increased load requirements and steeper roof pitches.





Technical specifications

Inclination	0°
Rail length	0,3 - 6,0 m
Surface load	from 13,1 kg/m² *
Line load	from 21,6 kg/m *
Material:	
aluminium /stanless steel	

* for a module weight of approx. 23 kg

Module support „Standard“



Two interlocking “Standard” supports



Module support „ECO 0° Optimal“



www.soltop-energie.ch & www.soltop-energie.eu



Duraklick

EW

Flat Roof Mounting System East-West

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

The Duraklick EW mounting system has been developed to maximize energy yield while ensuring optimal use of the available roof area. It enables a more uniform energy output on flat roofs and stands out due to its excellent price-performance ratio.

The proven system features—such as simple click-system installation, lightweight aluminum composite construction, and efficient load distribution via the 230 mm wide base profile—are fully retained in this system as well.

With a module tilt of 10°, the system is ideally suited for roofs with membrane or bitumen waterproofing. Installation is carried out without roof penetration and generally requires no or only minimal ballast.

Other module tilt angles are available upon request.

soltop energie

Area-optimized | **High-yield** | **Low-ballast system**

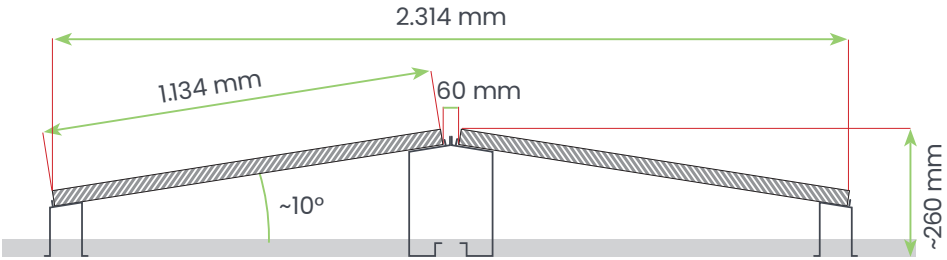
Flat Roof Mounting System Duraklick East-West

Key features:

- Made in Germany
- Simple and safe
- Tested and approved up to wind zone IV
- Corrosion-resistant and structurally tested
- Tested by the German Institute for Building Technology (DIBt) and officially approved since 2015 under approval number Z-14.4-691
- Compatible with the Duraklick HSS fall protection system
- Made in Germany

For PV modules
with a width of 1,040–1,210 mm and a tilt of approx. 10°

EW 10°



Module width 1.134 / 30 mm

Technical specifications

Inclination	~10°
Rail length	0,3 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	ca. 13,1 kg/m² *
Line load	ca. 21,6 kg/m *
Material	aluminium / stainless steel

* for a module weight of 19 kg and a module spacing of 2.35 m without additional ballast



Duraklick

Flat Roof Mounting System EW 12° XL

Duraklick
A brand of SOLTOP

With the new Duraklick XL, we offer an innovative mounting solution specifically designed to meet the requirements of the latest generation of PV modules. The system enables precise positioning of the module clamps and ensures reliable and stable module support through the underlying profiles.

This allows the maximum permissible loads to be safely accommodated and the forces to be reliably transferred into the substructure. Even under increased snow and wind loads, large-format modules with narrow frames can be installed safely and without difficulty.

The patented click system, made from high-quality materials, ensures fast and easy installation.
The 230 mm wide base profiles provide optimal load distribution, while the 12° tilt offers a balanced compromise between energy yield and self-cleaning effect.

soltop energie

Stable | **Advanced** | **Large-module compatible**

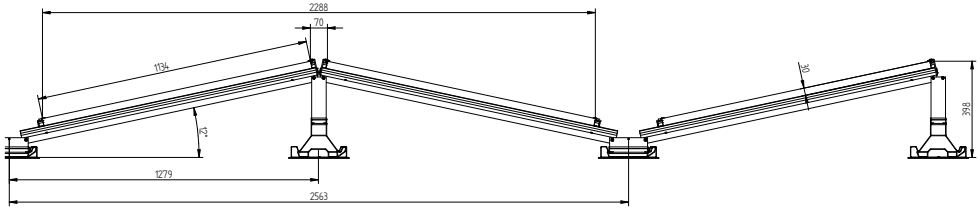
Flat Roof Mounting System Duraklick EW 12° XL

Key features:

- Easy and fast installation
- Variable clamping on the long side of the module
- High load capacity enabled by a support profile beneath the modules
- Suitable for large-format modules
- Corrosion-resistant and structurally tested
- Compatible with the Duraklick HSS fall protection system
- All components made of high-quality aluminum
- Stainless steel screws
- Manufactured in Europe
- **With interrupted or continuous base profiles**

Duraklick EW 12° XL

For PV modules with a width of up to 1,200 mm and a 12° tilt angle.



Technical specifications

Inclination	~12°
Rail length	0,3 - 6,0 m
Modul width	to 1.200 mm
Module length	Variabel
Surface load	11 kg/m² *
Material	aluminium / stainles steel

* for a module weight of 19 kg





Duraklick

GE

Flat Roof Mounting System GE

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

The new Duraklick GE is a cost-efficient solution for mounting PV modules on extensively greened flat roofs (green roofs). It is based on the same high-quality components as our proven SR and EW systems.

The elevated module position prevents shading caused by vegetation. At the same time, the typically lower temperatures on green roofs improve module performance and increase overall system efficiency. The lightweight, self-supporting aluminum system is installed without roof penetration and requires increased ballast compared to the SR system.

Optionally, wind deflectors in the north area and front spoilers in the south area can be used in cases of increased wind loads.

Wide, continuous base rails ensure even load distribution. On gravel-covered roofs, the existing gravel can also be used as additional ballast.

soltop energie

Green roof optimized | **Performance boosting** | **Resource saving**

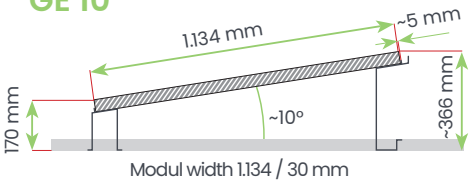
Flat Roof Mounting System Duraklick GE

Key features:

- Cost-effective and easy to install
- Elevated module position (> 14 cm module clearance)
- Optimal load distribution thanks to the 230 mm wide base profile
- Corrosion-resistant due to high-quality materials

The Duraklick GE mounting system is available in two versions:

GE 10°

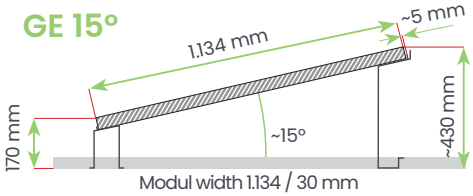


Technical specifications

Inclination	10°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	plus ca. 10,7 kg/m² *
Line load	ca. 18,1 kg/m *
Material	aluminium / stainless steel

* for a module weight of 19 kg

GE 15°

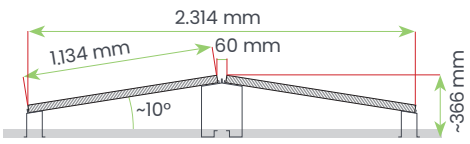


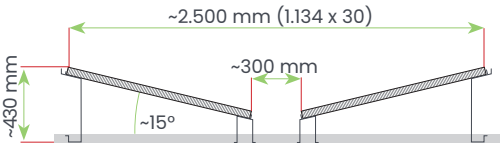
Technical specifications

Inclination	15°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	plus ca. 10,0 kg/m² *
Line load	ca. 16,8 kg/m *
Material	aluminium / stainless steel

* for a module weight of 19 kg

The GE 10° mounting system and alternatively the GE 15° system can also be installed in an east-west configuration.







Duraklick

Green Roof Mounting System GR

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

The Duraklick GR is available in 10°, 15°, and 20° tilt variants and can be installed in both south-facing and east-west configurations. Thanks to the elevated module position, the system is ideally suited for green roofs as well as ground-mounted PV installations.

This also enables green roofs to be used economically for photovoltaic applications. The typically lower ambient temperatures in such installations further contribute to increased module efficiency.

The specially designed module supports ensure high resistance to wind and snow loads. The system features simple click-system installation, efficient load distribution via the 230 mm wide base profile, and a lightweight aluminum composite design, enabling short installation times and a wide range of applications.

soltop energie

Highly versatile	**Durable**	**Optimal load distribution**

Green Roof Mounting System Duraklick GR

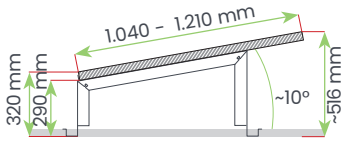
Key features:

- Simple and safe
- Cell height approx. 30 cm above roof surface
- Suitable for subsidized green roofs
- Also available as an east-west system
- Corrosion-resistant and structurally tested
- Made in Germany

The Duraklick GR is available in three versions:

GR 10°

Modul width 1.134 / 30 mm



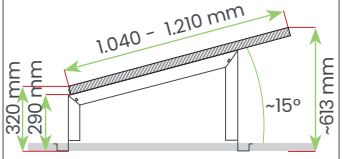
Technical specifications

Inclination	10°
Rail length	0,3 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	ca. 10,9 kg/m² *
Line load	ca. 18 kg/m *
Material:	
aluminium / stainless steel	

* for a module weight of 19 kg

GR 15°

Modul width 1.134 / 30 mm



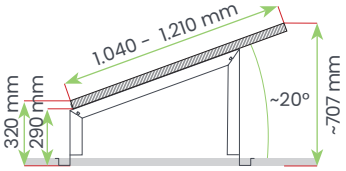
Technical specifications

Inclination	15°
Rail length	0,3 - 6,0 m
Modul widh	1.040 - 1.210 mm
Surface load	ca. 10,3 kg/m² *
Line load	ca. 17,4 kg/m *
Material:	
aluminium / stainless steel	*

for a module weight of 19 kg

GR 20°

Modul width 1.134 / 30 mm

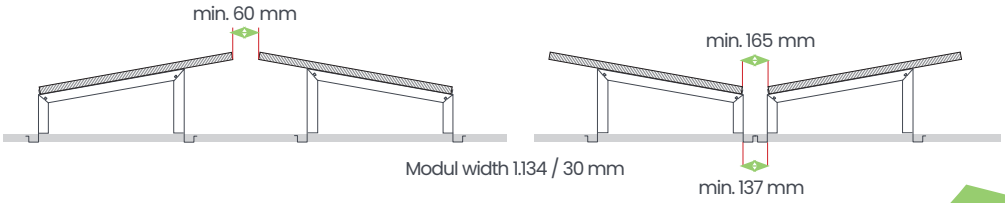


Technical specifications

Inclination	20°
Rail length	0,3 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	ca. 9,8 kg/m² *
Line load	ca. 16,8 kg/m *
Material:	
aluminium / stainless steel	

* for a module weight of 19 kg

The GR 10° / 15° / 20° mounting system can also be installed in an east-west configuration.





Duraklick

Flat Roof
Mounting System South

Duraklick
A brand of SOLTOP

approved by German Institute for Building Technologies

SOLTOP offers flat roof mounting systems for large-scale photovoltaic installations on industrial and commercial buildings. The SR series systems have been specifically developed to meet the requirements of large-area rooftop PV installations.

Thanks to their high level of aerodynamics, they are also suitable for wind-exposed locations, tall buildings, and roofs with limited structural load capacity.

These are lightweight, aerodynamic, and self-supporting mounting systems based on a continuous 230 mm wide base profile. Installation is carried out without roof penetration and generally requires no or only minimal ballast. Bitumen-free protective mats serve as an installation underlay and provide additional protection for the roof membrane.

soltop energie

Wind-optimized	**Suitable for large roof areas**	**230 mm wide base profile**

Flat Roof Mounting System Duraklick South (SR)

Key features:

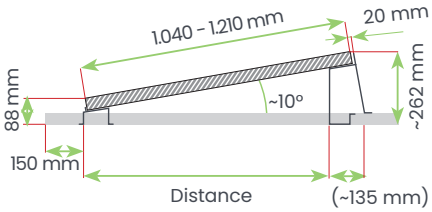
- Simple and safe
- Approved up to wind zone IV
- Corrosion-resistant due to high-quality materials
- Approved by the German Institute for Building Technology (DIBt),
- No. Z-14.4-691
- Made in Germany

The Duraklick South (SR) mounting system is available in two versions:

SR 100/10°

for photovoltaic modules with a width of 1,040–1,210 mm and a tilt angle of approx. 10°

Modul width 1.134 / 30 mm



Technical specifications

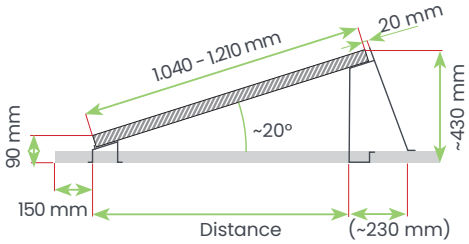
Inclination	~10°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	from ca. 8,0 kg/m² *
Line load	ca. 18,1 kg/m *
Material aluminium / stainless steel	

* for a module weight of 19 kg

SR 100/20°

for photovoltaic modules with a width of 1,040–1,210 mm and a tilt angle of approx. 20°

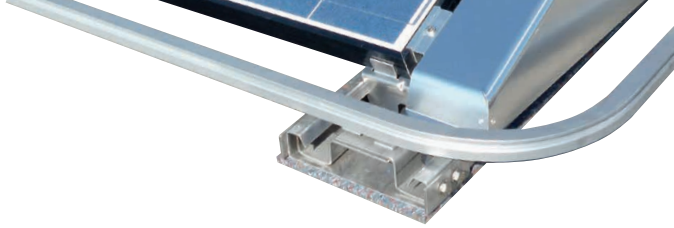
Modul width 1.134 / 30 mm



Technical specifications

Inclination	~20°
Rail length	0,7 - 6,0 m
Modul width	1.040 - 1.210 mm
Surface load	from ca. 7,0 kg/m² *
Line load	ca. 16,8 kg/m *
Material aluminium / stainless steel	

* for a module weight of 19 kg





© SOLTOP Energie GmbH • Duaklick_Übersicht_Broschüre_A5 • Printed in Germany 05/2026 • Subject to change without notice!

For more information, please visit www.soltop-energie.ch & www.soltop-energie.eu

SOLTOP Energie AG
St. Gallerstrasse 3
CH-8353 Elgg
info@soltop-energie.ch

SOLTOP Energie GmbH
Lindauer Straße 15
D-88145 Hergatz
info@soltop-energie.eu

SOLTOP Energie SA
Rue des Sablons 8
CH-3960 Sierre
info.fr@soltop-energie.ch

SOLTOP Energie SA
Avenue Haldimand 41
CH-1400 Yverdon-les-Bains
info@soltop-energie.ch