MiraluxFlex
Solar substructure

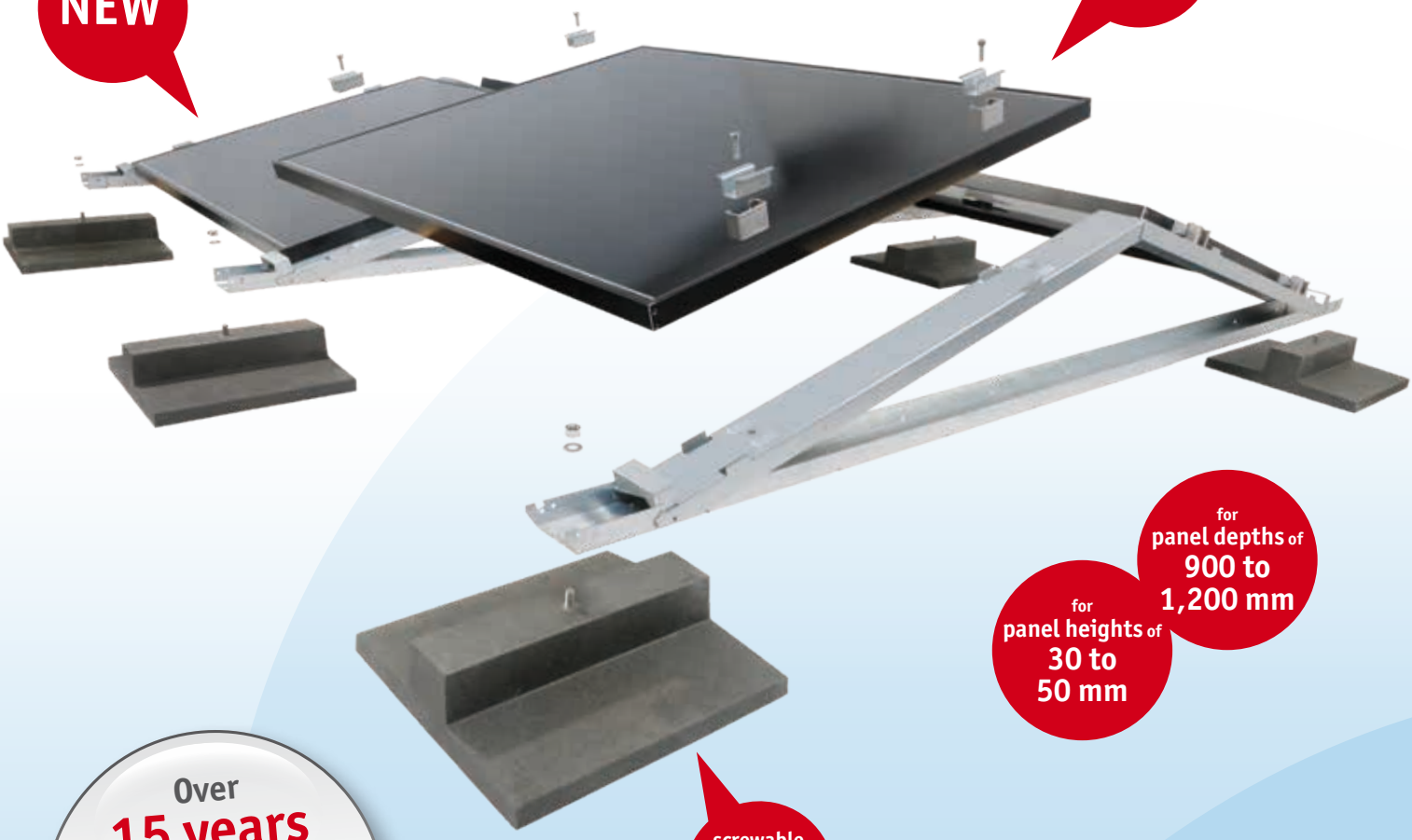
RICHARD BRINK GmbH & Co. KG

Our newest member of the Miralux family

- Raised substructure for non-penetrative installation
- Flexible fixing elements – compatible with all commercially available panels
- Installation incl. wiring in less than 10 mins per kWp *(two-man installation)*
- Also suitable for green and gravel roofs thanks to screw-on ballast blocks

NEW

flexible fixing-elements



for panel depths of 900 to 1,200 mm

for panel heights of 30 to 50 mm

Over 15 years of experience in the solar industry

screwable ballast blocks for use in gravel beds or on green roofs

Installation Video

Miralux solar substructures

Our solar substructures are made of hot-dip galvanized steel with a Magnelis® coating* or Aluminum *(on request)* are characterized by their exceptionally good assembly friendliness.

- ***Very easy to handle***

  The Miralux systems are designed to save space during transport and on site.

- ***Fast and secure assembly***

  Thanks to their prefabricated folding elements, the systems can be installed extremely quickly and easily.

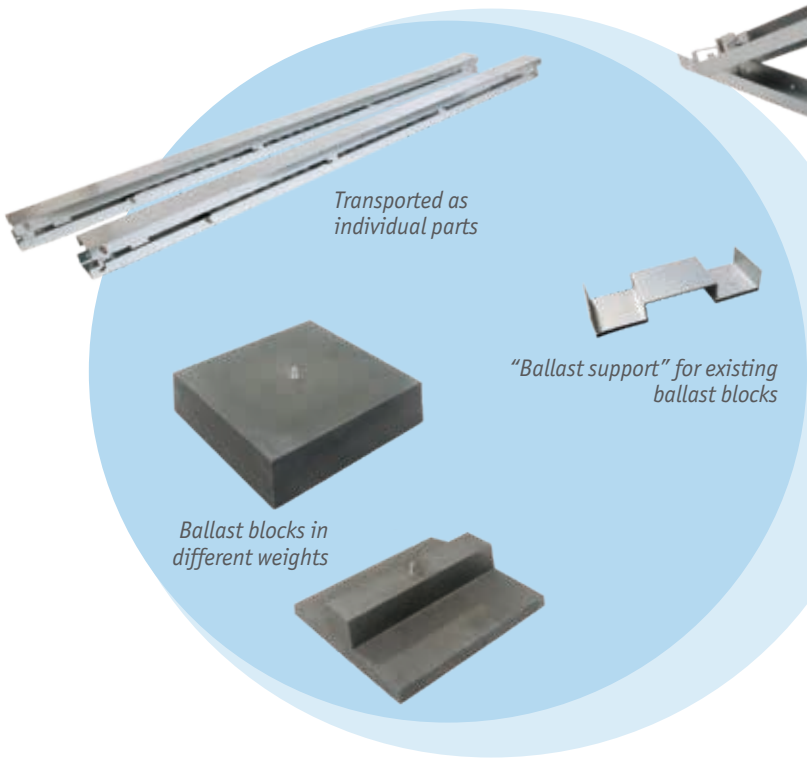
- ***Problem-free expansions possible***

  The systems can easily be extended thanks to the solar sub-structures› modular design.

- ***Aerodynamic design and screwable ballast blocks***

  Our Miralux products are designed to guarantee excellent structural stability thanks to their favourable flow behaviour, even when exposed to high wind speeds. We also offer two types of ballast block for green and gravel roofs that can be screwed to the MiraluxFlex.

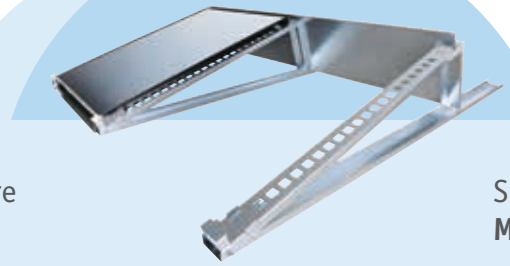
- ***Integrated cable channels***



- ***Minimum load increase, maximum stability***

  Our systems are lightweight, reducing distributed load by up to 75% compared with traditional systems.

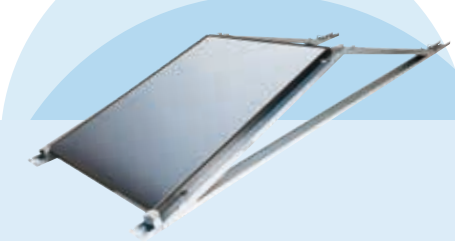
** Informatie over Magnelis® vindt u online, of neem contact met ons op.*



Solar substructure
Miralux 2

Type of mounting system	Non-penetrative, low-ballast mounting system for flat roof surfaces
Material	Magnelis®-coated hot-dip galvanised steel
Alignment	South-facing
Angle	10° and 15°
Shadow angle	selectable *(standard approx. 20°)*
Lateral distance between modules	approx. 25 mm
Cable channel	integrated *(into the base support)*
Preservation of structures *(optional)*	EPDM or needle felting *(pre-assembled upon request)*
Processing time	approx. 12 mins per kWp *(two-man installation)*

Further details such as the width of the mounting elements and the weight are determined by the specific modules to be assembled.



Solar substructure
Miralux 3

Type of mounting system	Non-penetrative, low-ballast mounting system for flat roof surfaces
Material	Magnelis®-coated hot-dip galvanised steel
Alignment	East-west facing
Angle	10° and 15°
Shadow angle	selectable *(< 15°)*
Lateral distance between modules	approx. 10 mm
Cable channel	integrated *(into the base support)*
Preservation of structures *(optional)*	EPDM or needle felting *(pre-assembled upon request)*
Processing time	approx. 12 mins per kWp *(two-man installation)*

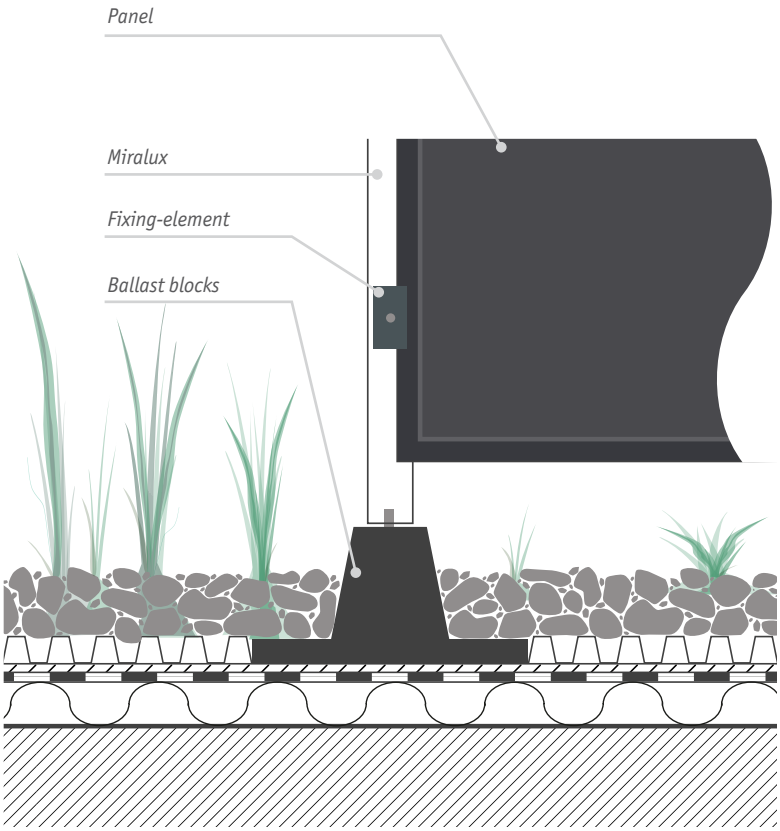
Further details such as the width of the mounting elements and the weight are determined by the specific modules to be assembled.

Solar substructure
Miralux**Flex**

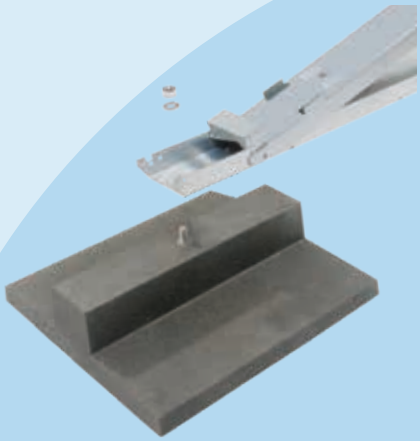
Type of mounting system	Non-penetrative, low-ballast mounting system for flat roof surfaces
Material	Magnelis®-coated hot-dip galvanised steel
Alignment	East-west facing
Angle	10° or 15°
Shadow angle	selectable *(< 15°)*
Lateral distance between modules	module-specific
Cable channel	integrated *(into the base support)*
Preservation of structures *(optional)*	EPDM or needle felting *(pre-assembled upon request)*
Processing time	approx. 10 mins per kWp *(two-man installation)*

- ***Proven lightning current resistance***
- ***No guarantee-law mixing of crafts***

  Due to the separate construction of the substructures for solar panels, which do not require drilling into the roof, you do not have a warranty obligation for the roof surfaces.



Please note: *please ensure that the safety measures are observed in line with the applicable regulations when using the Miralux solar substructures on sealed surfaces.*



Ballast blocks for installation in gravel beds or on green roofs

Put us to the test with a price inquiry.

We're happy to help you!

anfragen@richard-brink.de
Fax: +49 (0)5207 95 04-20

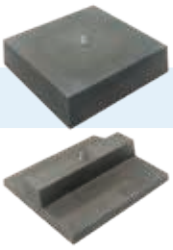
Company ..... Phone .....
Street ..... Fax .....
Town/city ..... Contact person .....
Sector ..... Email .....
Please complete in full. Project

2022

Type of solar substructure

☐ South-facing

☐ Ballast blocks



☐ Ballast support

☐ East-west facing

Details on system output

☐ 50 kWp	☐ 0,5 MWp
☐ 100 kWp	☐ 1,0 MWp
☐ 200 kWp	☐ 2,0 MWp

☐ _____ Planned system output

Details on planned module

Manufacturer _____

Output _____

Module dimensions _____

Number of modules _____

We are here to help should you require further information regarding an inquiry or the system itself.

☐ ***Request a copy of our complete catalogue when sending your inquiry or take a look at the online version.***

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