

INNOVATIVE mounting systems **FOR ALL** kind of installation





MISSION

Energy is everywhere.

It affects all of us.

It crosses us.

And at the exact moment it passes through us, we exist.

The reason of being of **Contact Italia** can be summarized in this unique and clear mantra.

A thought that finds real application in the work done, every day, by each of the resources engaged in this challenge.

We will always guarantee the highest quality and extreme resistance of the selected raw materials: we exclusively choose aluminum and stainless steel and we submit all our systems to important stress tests that verify the load capacity and durability over time.

We will always ensure maximum customer support: the internal technical department has always been one of the company's most solid strengths.

VISION

All evolutions start with an idea.

Our challenge has always been oriented to what is right for the end user of the product.

Quick and easy installation, for the electrical sector.

Safety, low environmental impact and high quality standards for the solar division.

From each of these statements of intent derives the orientation that pursue resources, technologies, skills and departments involved in the company.



New innovative mounting systems for photovoltaic Installation, extend the product range on flat and pitched roofs.

These solutions solve the problem of fixing large modules on the long side and fixing on curved roofs.

New products include NET, a lightweight flat roof system with high inertia, suitable for high wind and snow load areas.

LINK, an absolute innovation for flat roof system, adjustable from 5° to 30° with integrated ballast for mounting on the long side of large modules. It allows any angles with a single product. this chained system is very light and avoids stresses on the module frame and cell breakage.

TILT, a tilting system for curved trapezoidal sheet metal roofs, is adaptable to various inclinations of the pitch. It is easy and quick to install.

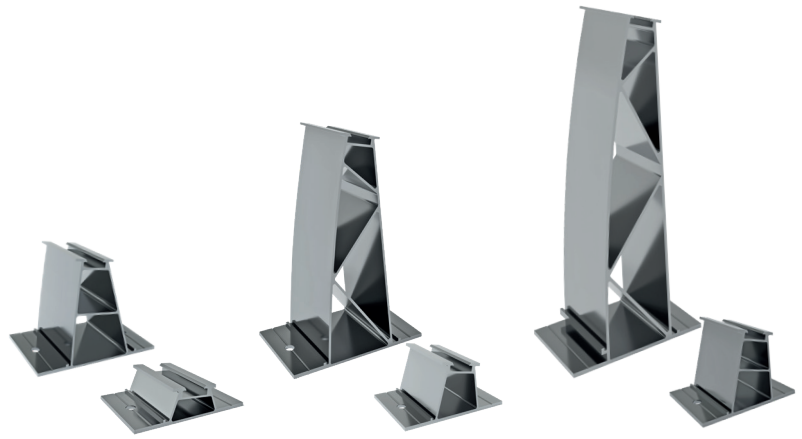
Aluminium support

FEET

Front and rear supports with inclination up to 5°, 10°, 15° (other inclinations on request).
Upper groove for inserting clamps

Main features:

- Pre-drilled lower fins for mounting hammer head screws or polycarbonate UV hooks.
- only mounting on the short-side panel



Aluminium support

SPIDER

Front and rear articulated and pre-assembled supports with 5°, 10°, 15° inclination (other inclinations on request).

Main features:

- Pre-drilled lower fins for mounting hammer head screws or plastic hooks
- Protruding fins on the rear support for push-in mounting of the panel frame
- Frame stop fins on lower support
- Upper groove for mounting clamps
- only mounting on the long-side panel



Aluminium support

UNI

Telescopic and pre-assembled kit supports with 10° and 15° inclination. (other inclinations on request).

Main features:

- Pre-drilled lower fins for mounting hammerhead screws or plastic hooks
- Hypotenuse groove for clamp mounting and module frame support
- mounting both on the short and long-side panel

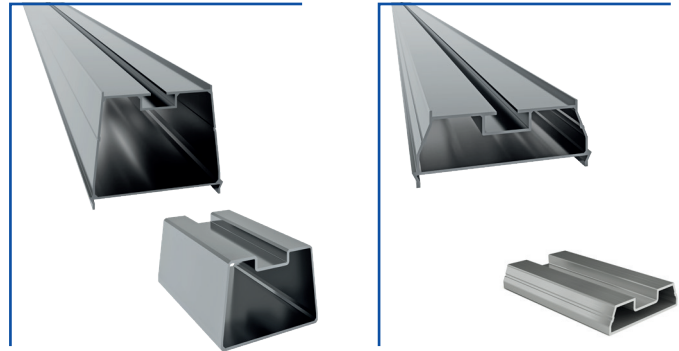


PV mounting systems for flat roof

Easy and quick installation

COMBINATIONS SYSTEMS

base profile
NET



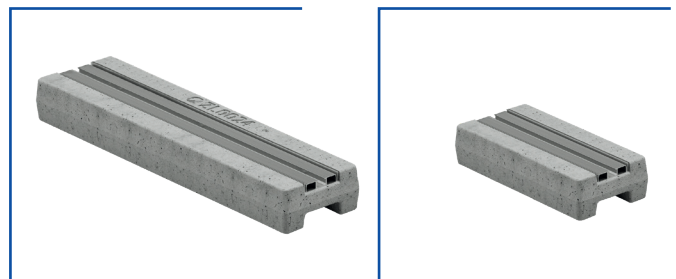
Base profiles for fixing supports and mats.
The high NET profile (code PRC0535) with high inertia is suitable for areas with high wind load.

The low NET profile (code PRC0384) is suitable for areas with low wind load.

Main features:

- Upper groove for fixing supports
- Upper side fins for support stability
- Bottom fins for mat fixing
- Side guides for threading joints and fixing with screws

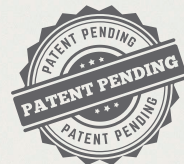
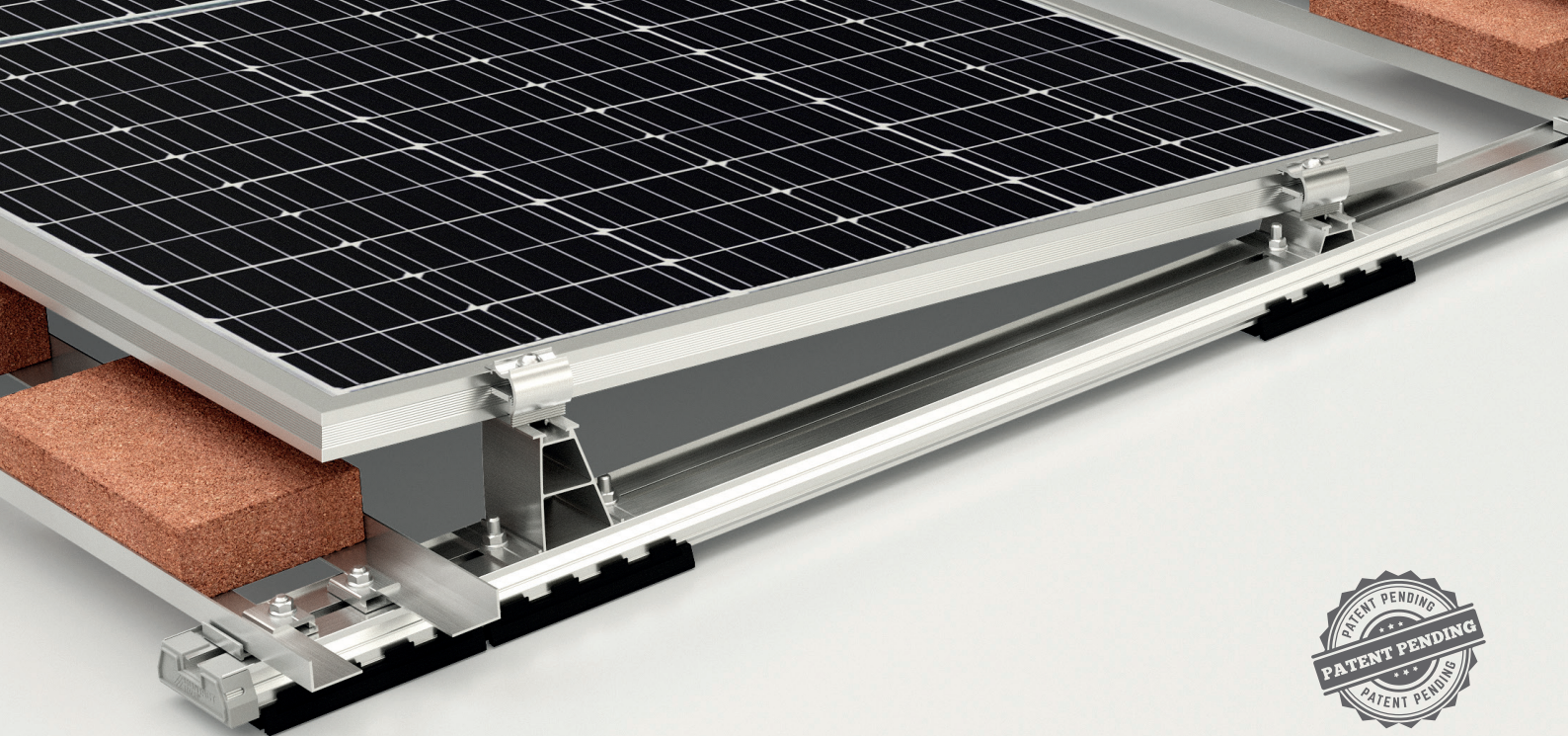
base ballast
LINK



Pre-assembled concrete ballast with aluminium profile.

Main features:

- Upper groove for fixing supports
- Upper side fins to ensure support stability
- Pre-assembled adhesive mat at the bottom
- Side grooves for fixing spacers



FEETNET

The FEETNET chained system is suitable for mounting photovoltaic modules on flat roofs.

The modules are blocked on the short side. It is possible installation with three different inclinations 5°, 10°, 15°.

The choice of the base profile depends on the wind load conditions at the installation site.

Stackable mats are placed between the cover and the base profile to increase friction..

The positioning of additional weights is made easy and flexible by the use of suitable accessories to avoid punctures on the roofs.



ADVANTAGES

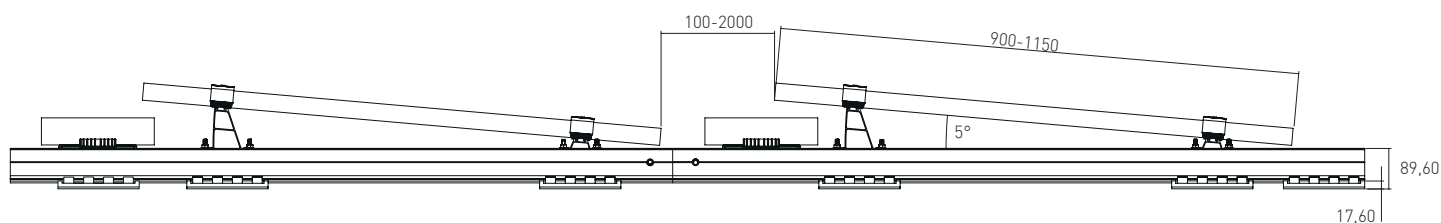
- Suitable for low to moderate snow loads
- Fixed and dedicated supports for individual inclination no need for pre-assemblies
- Low incidence of load on the roof
- Low number of accessories and fasteners for assembly of individual components
- Bi-directional jig to speed up the assembly process
- Uniform load distribution

SYSTEM FEATURES

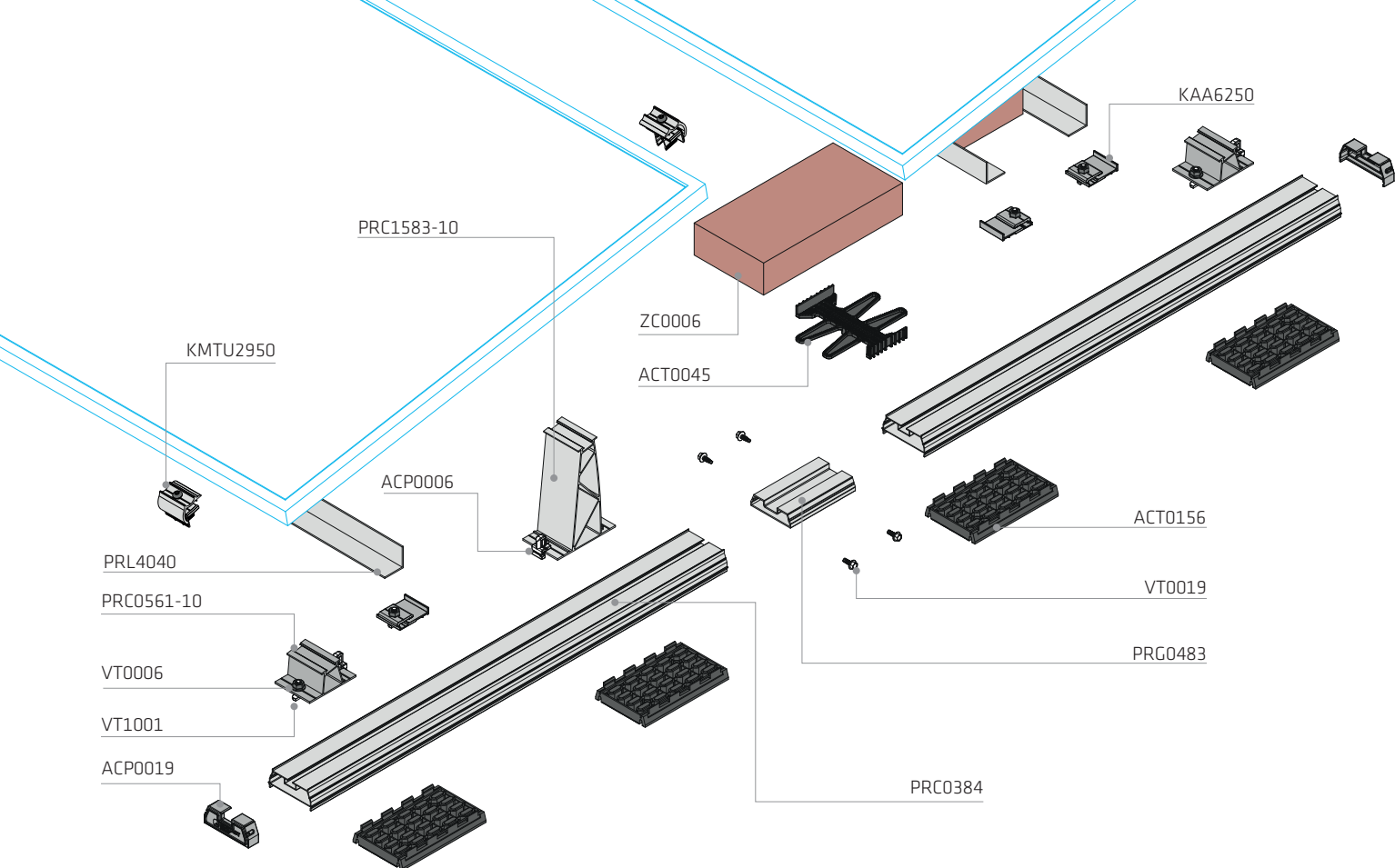
Panel locking: short side

Panel inclination: 5° - 10° - 15°.



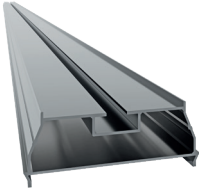
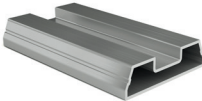
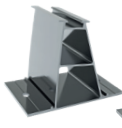
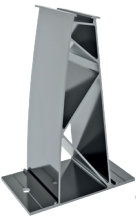

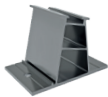
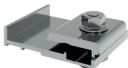


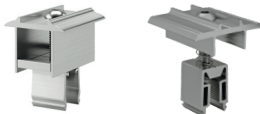
Panel orientation: horizontal



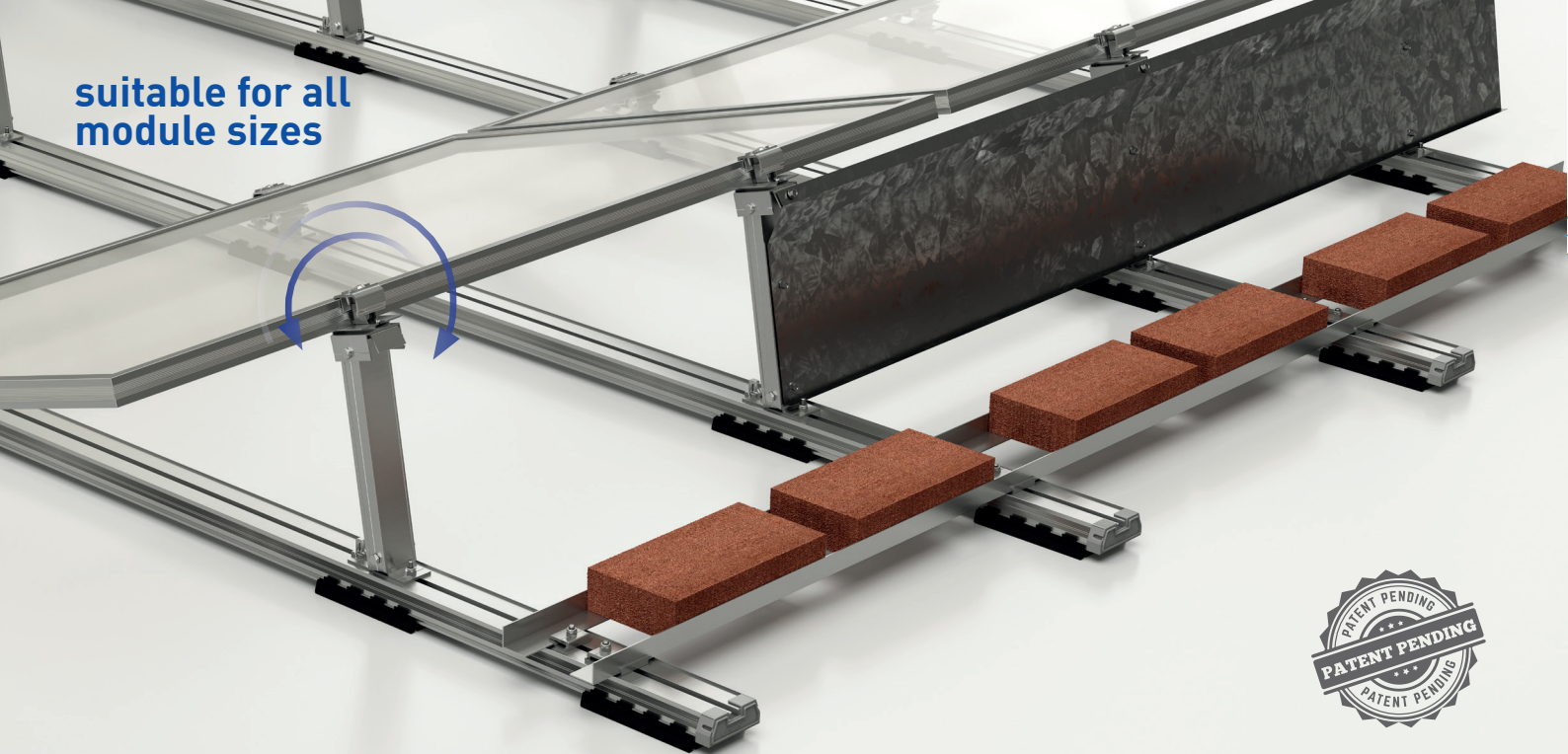
example with 5° support



Main components

							
Profile		Profile		Profile		Profile	
PRC0535	High base profile 3000mm	PRG0590	High profile junction 150mm	PRC0384	Low base profile 3000mm	PRG0483	Low profile junction 150mm
							
Supports		Supports		Supports		Supports	
PRC0461-05	Front bracket 5°	PRC0561-10	Front bracket 10°	PRC0733-15	Front bracket 15°	PRC2764-15	Rear support 15°
PRC0907-05	Rear support 5°	PRC1583-10	Rear support 10°				
							
KAA6250	Hook for bracing	ACP0006	Polycarbonate UV hook for support	KMTU2950	KMTN2950	KMCU2950	KMCN2950
				Universal terminal clamps		Universal central clamps	

suitable for all
module sizes



SPIDERNET

The system allows the chained assembly of rows of horizontally oriented panels.

The system consists of a basic profile on which are mounted two support kits for fixing the panels.

The front support kit has variable inclination, while the rear one has a fixed inclination.

The rear kit is equipped with a protruding fins for fixing of the windbreak carter and an internal retainer for the panel frame flush mounting.

SYSTEM FEATURES

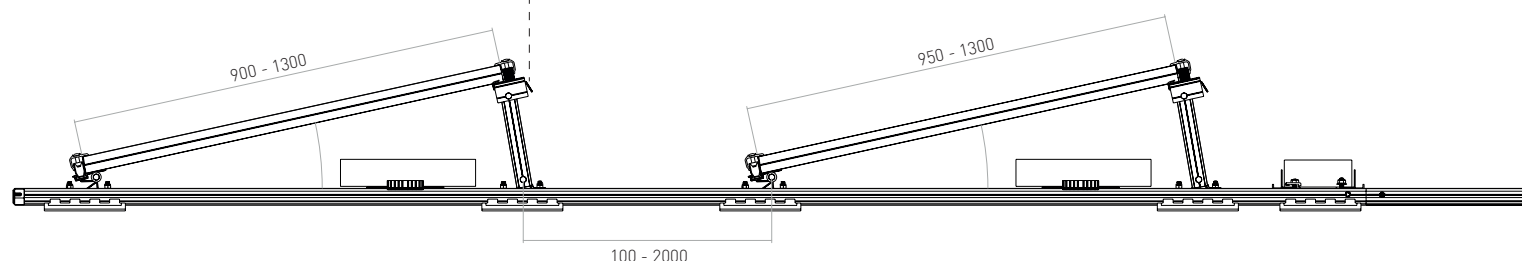
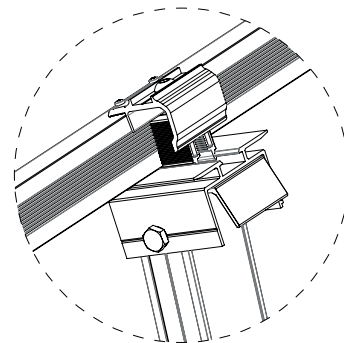
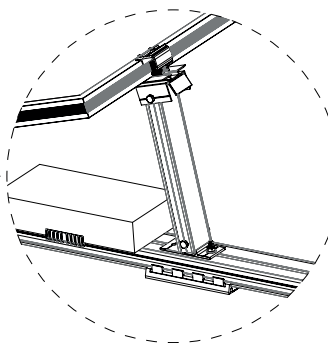
Panel locking: long side

Panel inclination: from 5° to 30°.

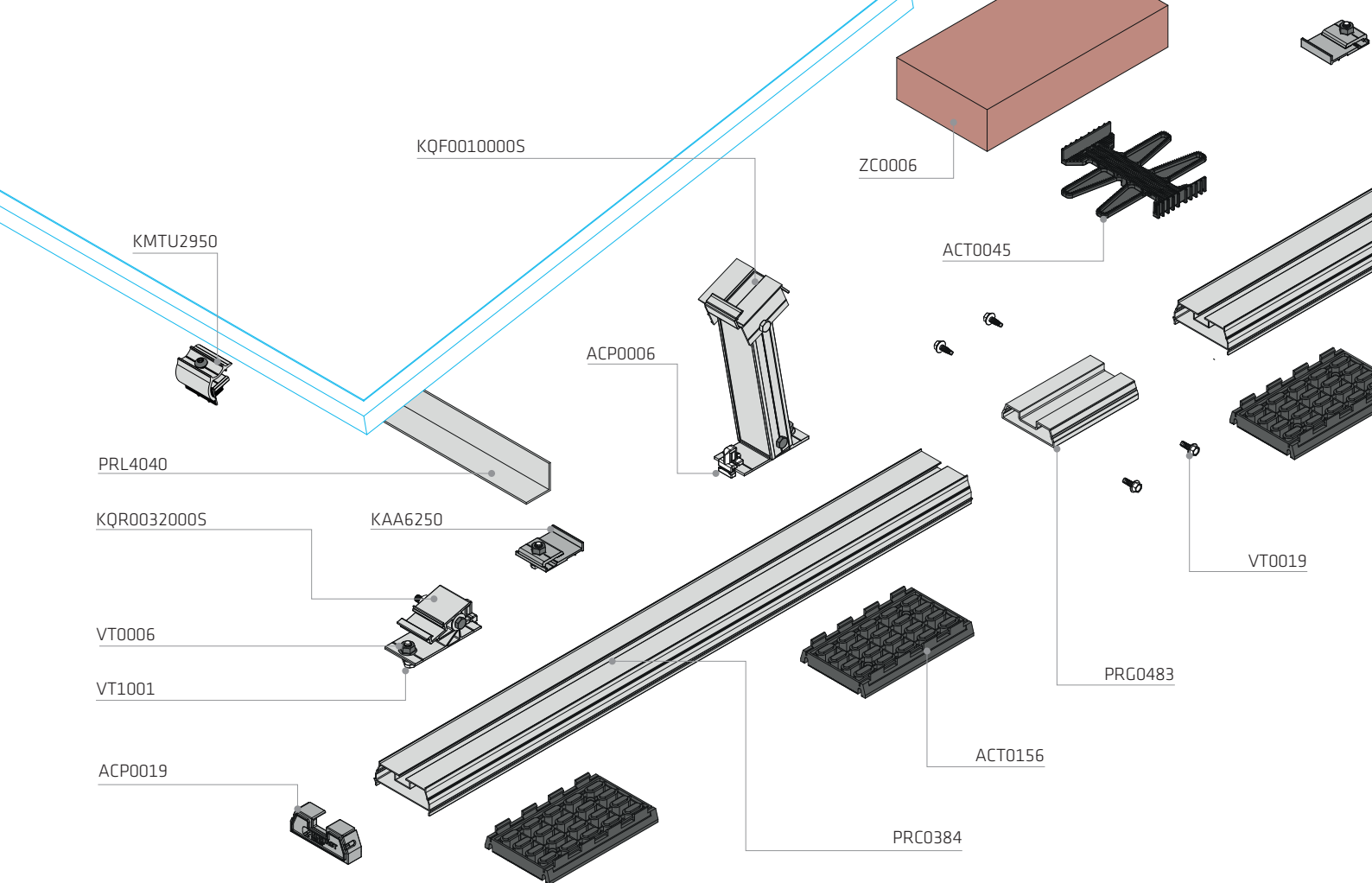
Panel orientation: horizontal

ADVANTAGES

- Easy panel assembly
- Safety lever for panel frame retainer
- Possibility of mounting panels up to 30°
- Suitable system for high wind and snow loads



example with 10° support



Main components

							
Profile		Profile		Profile		Profile	
PRC0535	High base profile 3000mm	PRG0590	High profile junction 150mm	PRC0384	Low base profile 3000mm	PRG0483	Low profile junction 150mm
							
Supports		Supports		Supports		Supports	
KQR0032000S	front	KQF0005000S	back 5° $\alpha = 4,5^\circ - 6,5^\circ$	KQF0010000S	back 10° $\alpha = 9^\circ - 12,5^\circ$	KQF0015000S	back 15° $\alpha = 13,5^\circ - 19^\circ$
							
KAA6250	Hook for bracing	ACP0006	Polycarbonate UV hook for support	KMTU2950	KMTN2950	Universal terminal clamps	



UNINET

The UNINET chained system is suitable for mounting photovoltaic modules on flat roofs with an inclination between 10 and 15°. The pre-assembled adjustable supports speed up the installation process and allow the inclination of the panels.

SYSTEM FEATURES

Module fixing: short and long side

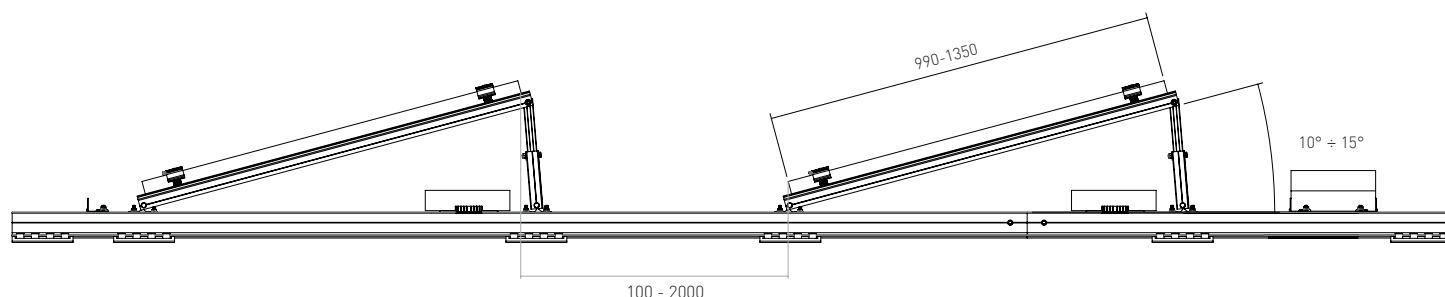
Inclination: 10 to 15°. [other inclinations on request].

Panel orientation: horizontal

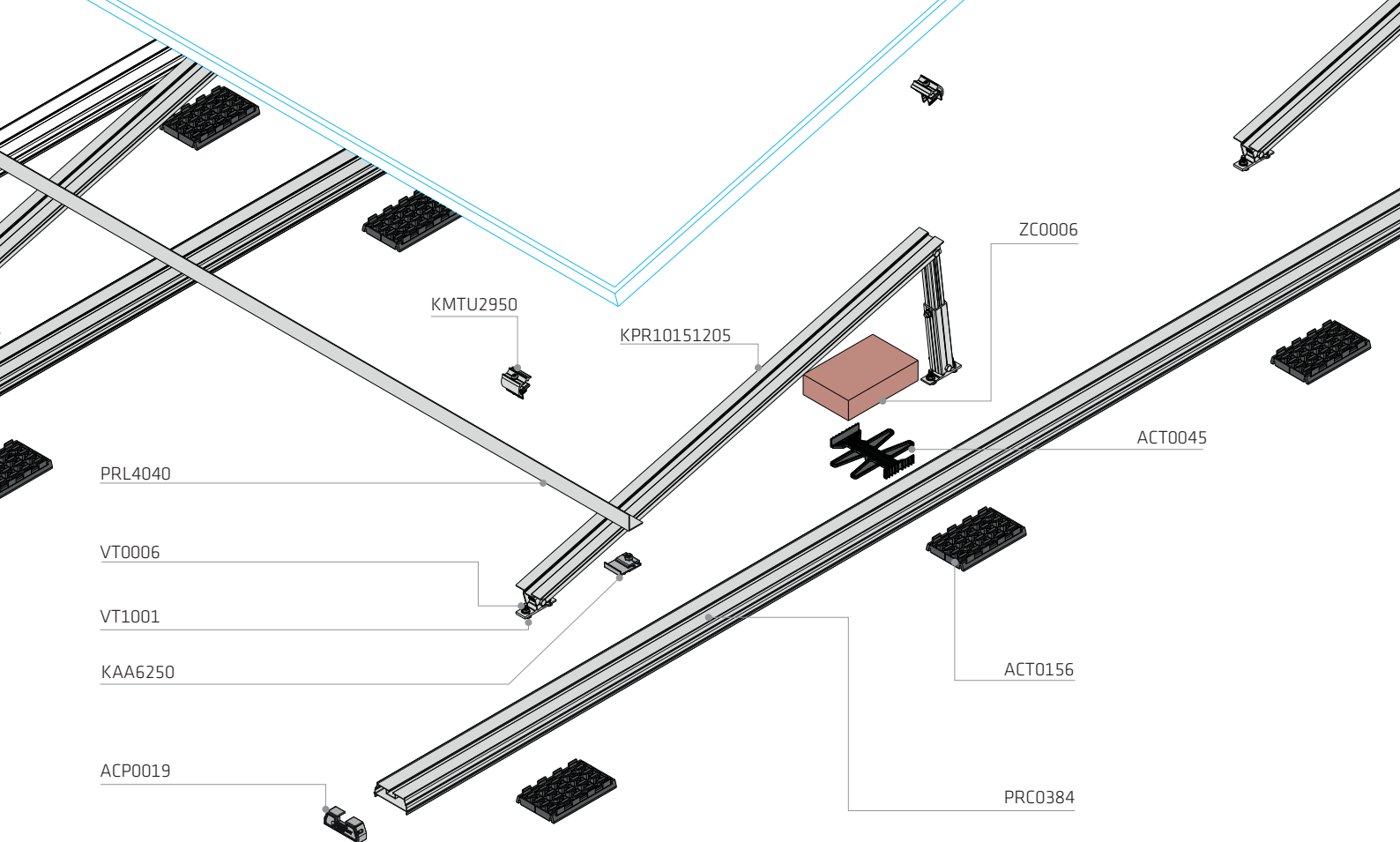
ADVANTAGES

- Suitable from low to high snow loads
- Pre-assembled adjustable supports*.
- Very low incidence of load on the roof
- Bi-directional jig to speed up the installation process
- Fast installation

* intermediate tilt adjustment between 10° and 15°, useful for an accurate alignment of the modules

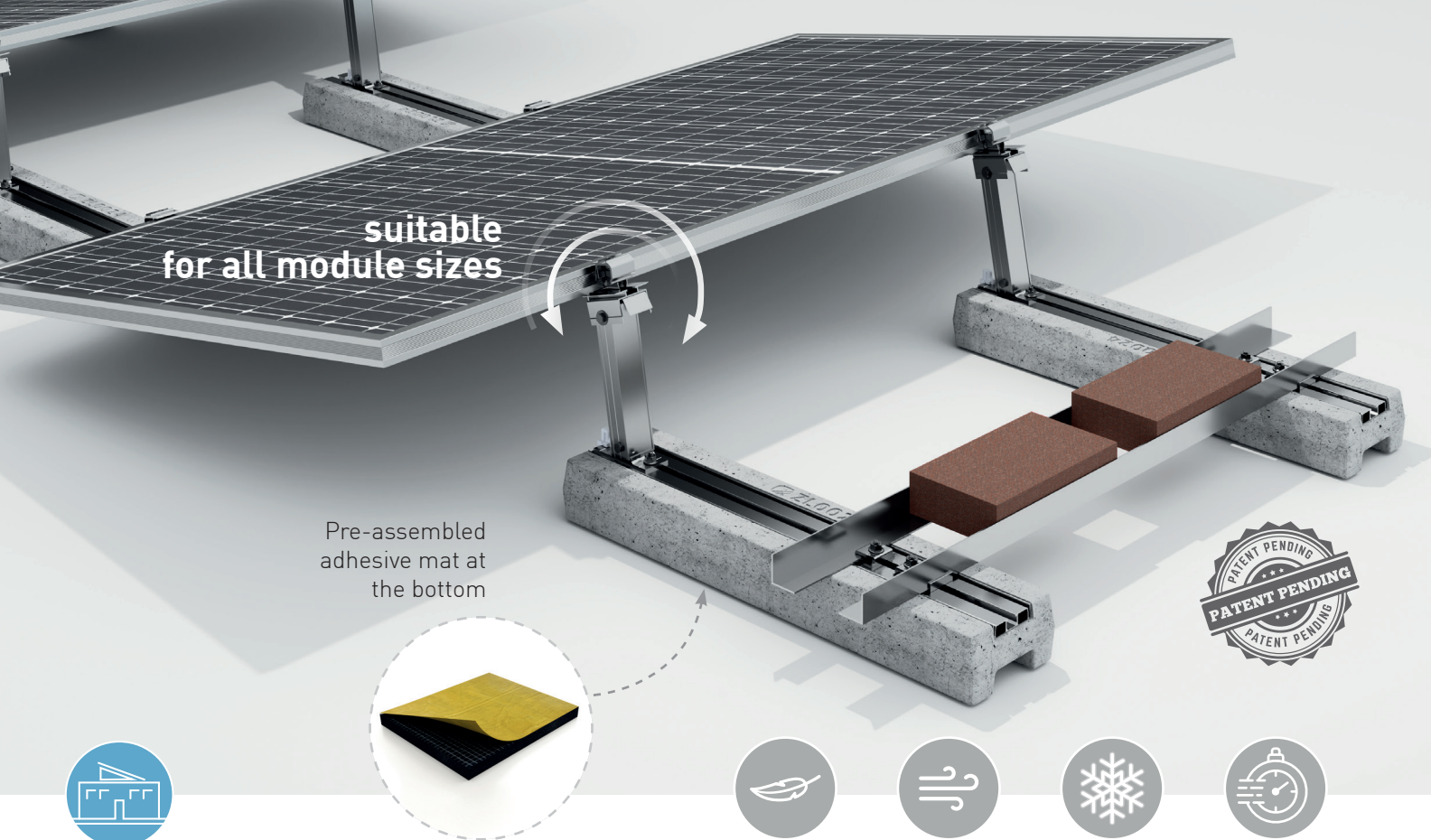


example with 10° support



Main components

 <p>Profile</p>	 <p>Profile</p>	 <p>Profile</p>	 <p>Profile</p>
<p>PRC0535 High base profile 3000mm</p>	<p>PRG0590 High profile junction 150mm</p>	<p>PRC0384 Low base profile 3000mm</p>	<p>PRG0483 Low profile junction 150mm</p>
			
<p>Supports</p> <p>KPR10151205 Kit 10° - 15°</p>			
			
<p>KAA6250 Hook for bracing</p>	<p>ACP0006 Polycarbonate UV hook for support</p>	<p>KMTU2950 KMTN2950 Universal terminal clamps</p>	



SPIDERLINK

The SPIDERLINK chained system is suitable for mounting photovoltaic modules on flat roofs.

Different inclinations from 4,5° to 19° are possible. The pre-assembled supports are fixed to ballast blocks inside which an aluminium profile is provided.

SYSTEM FEATURES

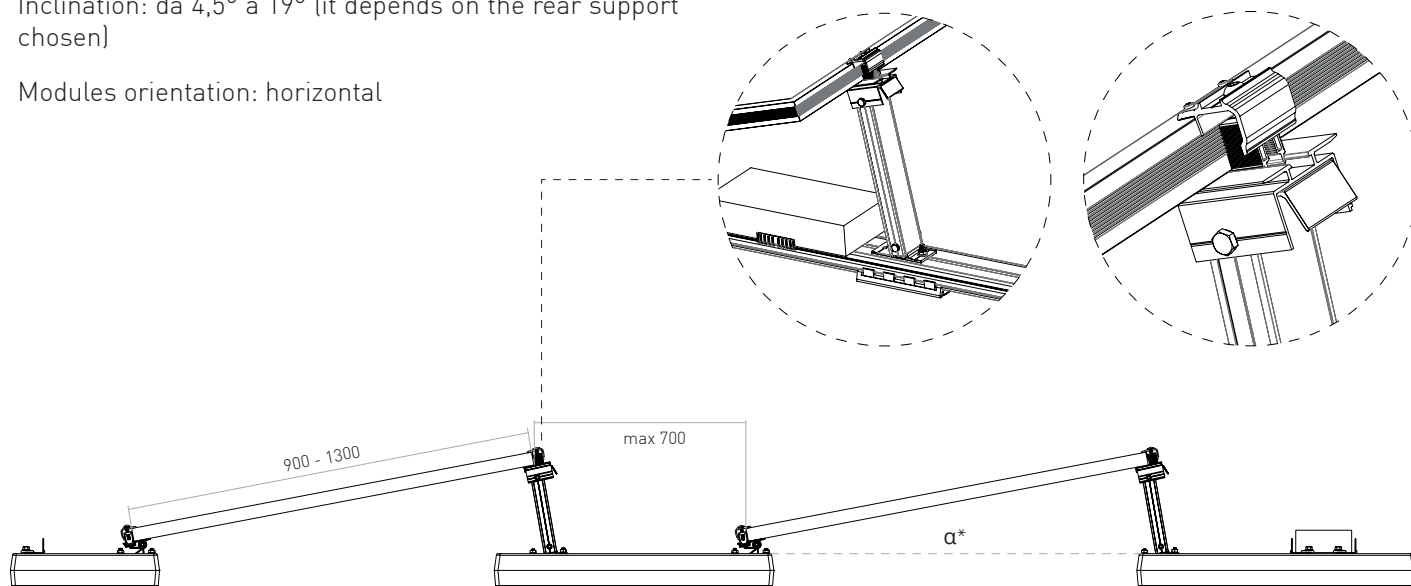
Module fixing: long side

Inclination: da 4,5° a 19° (it depends on the rear support chosen)

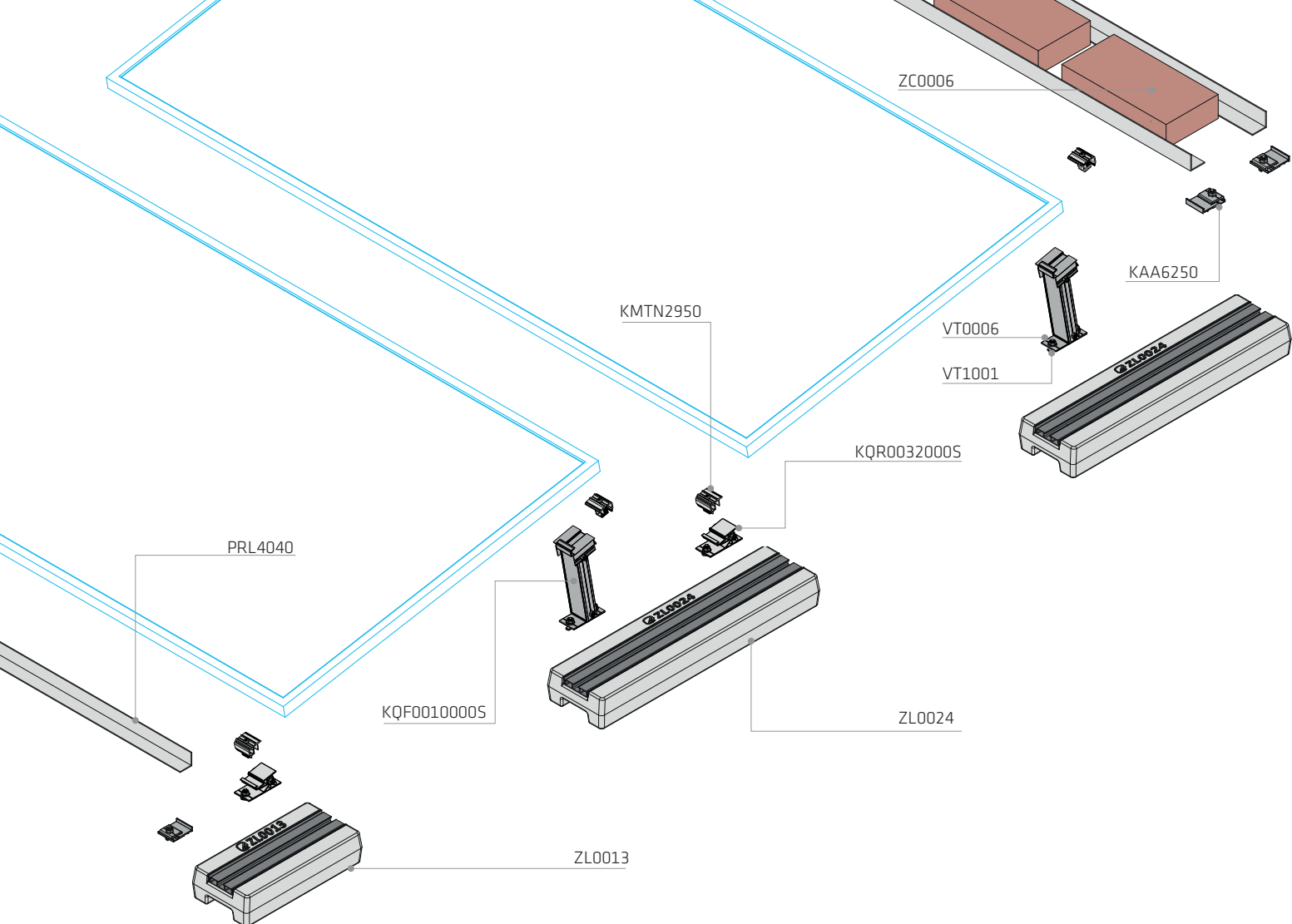
Modules orientation: horizontal

ADVANTAGES

- No limits on the possible size of panels to be use
- Flexibility of installation at different inclinations
- Reduced incidence of load on the roof
- Speed of panel assembly with the with threaded system



example with 10° support



Main components



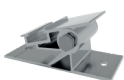
ZL0024 | Ballast



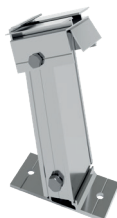
ZL0013 | Short ballast

Supports

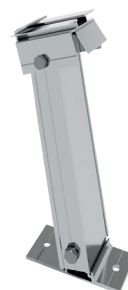
KQR0032000S | front



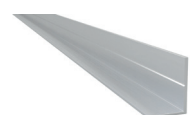
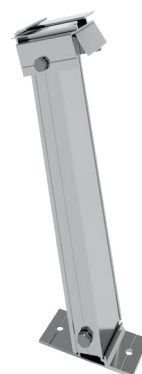
KQF0005000S | back 5°
 $\alpha = 4,5^\circ - 6,5^\circ$



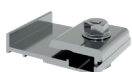
KQF0010000S | back 10°
 $\alpha = 9^\circ - 12,5^\circ$



KQF0015000S | back 15°
 $\alpha = 13,5^\circ - 19^\circ$



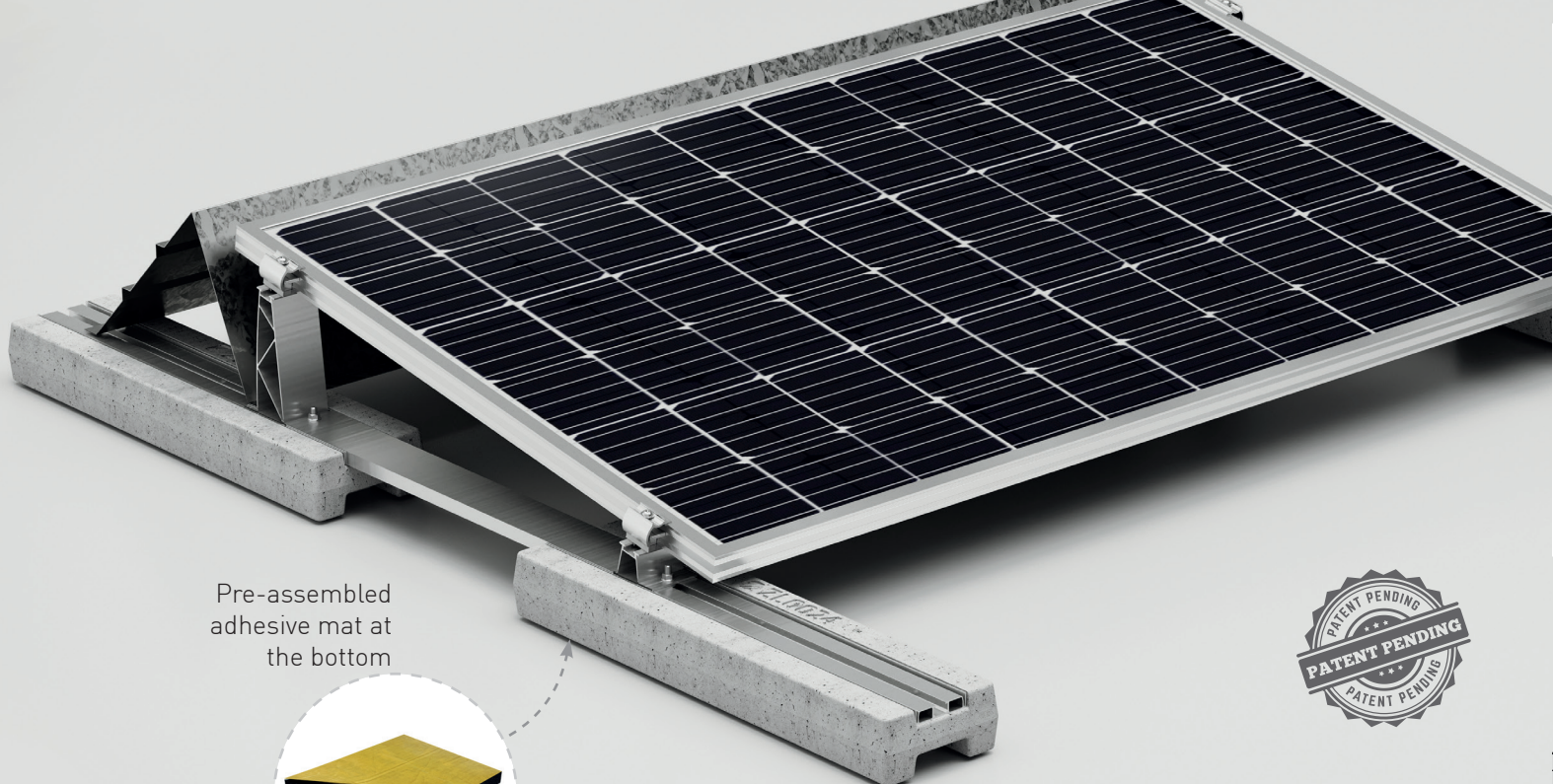
Bracing profile
PRL4040 | 3000 mm



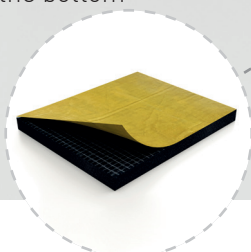
KAA6250 | Hook for bracing



KMTU2950 | **KMTN2950**
Universal terminal clamps



Pre-assembled
adhesive mat at
the bottom



FEETLINK

The FEETLINK chained system is suitable for mounting photovoltaic modules on flat roofs. The modules are blocked on the short side.

Three different inclinations for 5°, 10°, 15° are possible.

The supports are fixed to ballast blocks inside which a necessary aluminium profile is provided.

Alignment of the ballasts is guaranteed by the use of aluminium joint profiles.

The use of any additional bracing or weights depends on the wind loads at the installation site.

ADVANTAGES

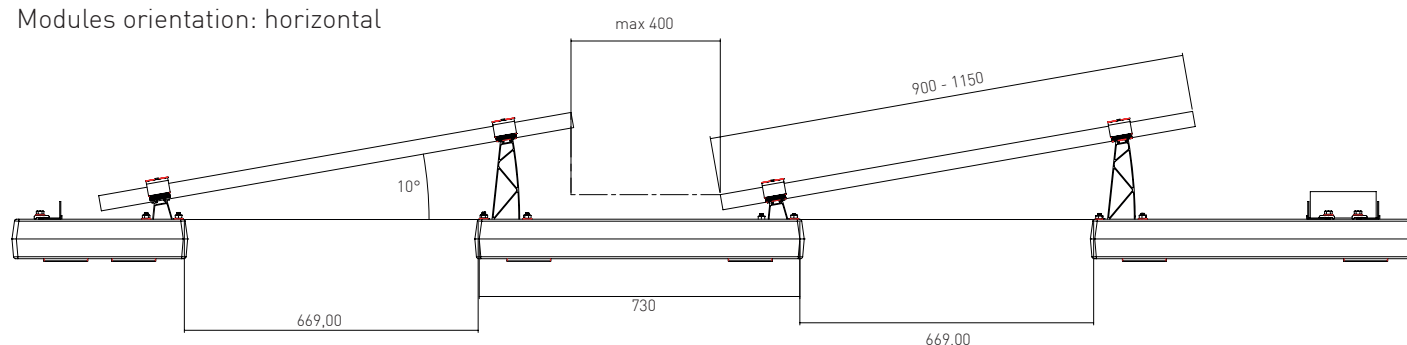
- Suitable from low to moderate wind loads
- Speed of installation with fixed one-piece supports
- Reduced incidence of load on the roof without using additional weights
- Chained base system to reduce stress on module frames

SYSTEM FEATURES

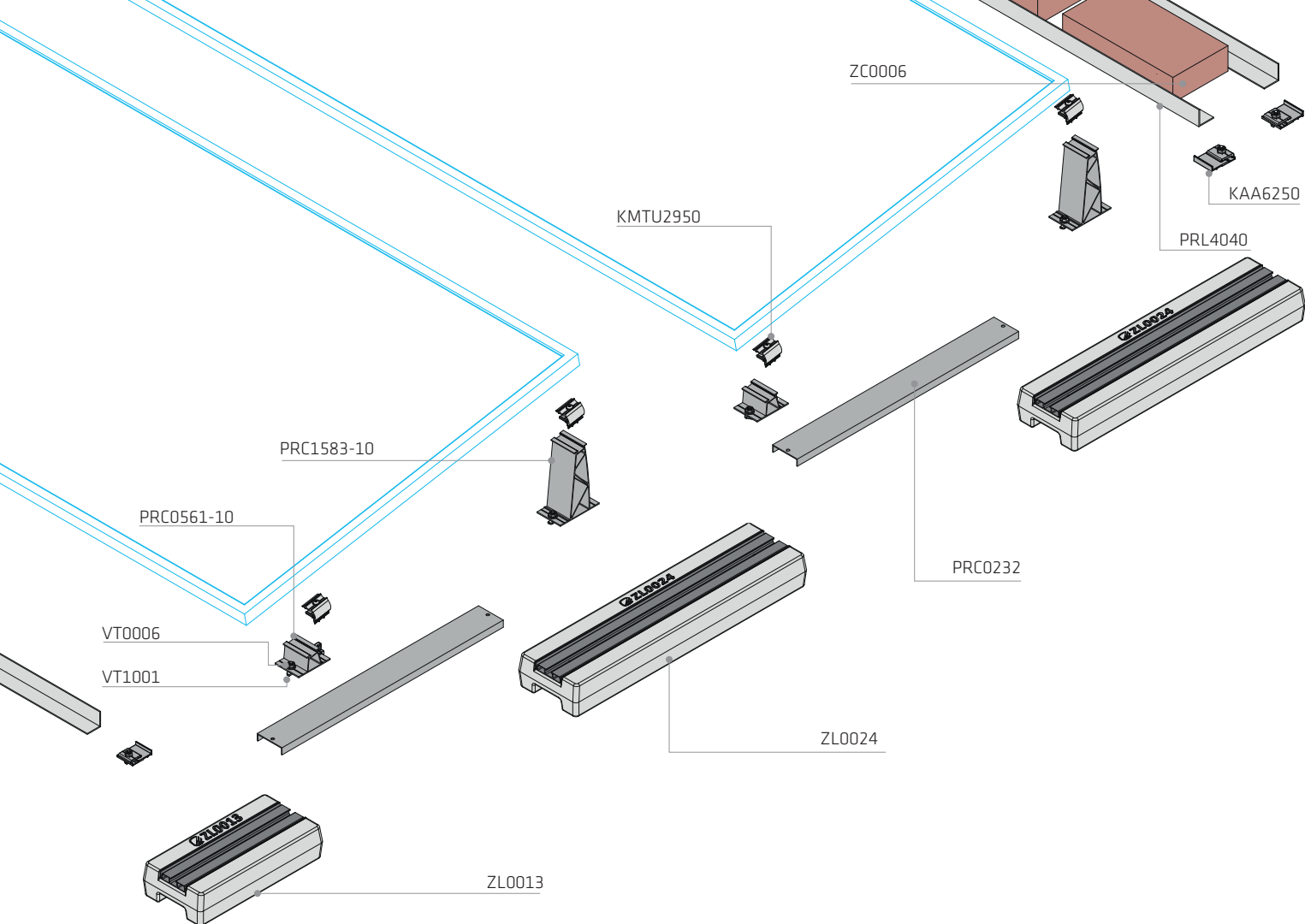
Module fixing: short side

Inclination: 5° - 10° - 15°

Modules orientation: horizontal



example with 10° support

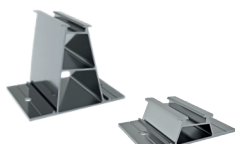


Main components



ZL0024 | Ballast

ZL0013 | short ballast



Supports

PRC0461-05 | Front bracket 5°

PRC0907-05 | Rear support 5°



Supports

PRC0561-10 | Front bracket 10°

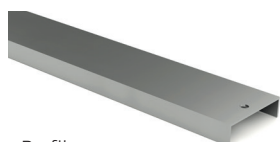
PRC1583-10 | Rear support 10°



Supports

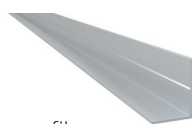
PRC0733-15 | Front bracket 15°

PRC2764-15 | Rear support 15°



Profile

PRC0232 | Spacer



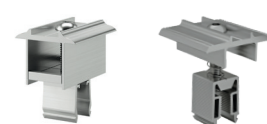
Bracing profile

PRL4040 | 3000 mm



KMTU2950 | **KMTN2950**

Universal terminal clamps

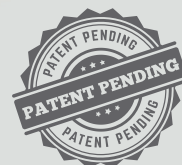


KMCU2950 | **KMCN2950**

Universal central clamps



on request
adjustable inclination
range from 7° to 30°



UNILINK

The UNILINK chained system is suitable for mounting photovoltaic modules on flat roofs.

Installation at inclinations between 7° and 30°.

The supports are fixed on ballast blocks in which an aluminium profile is provided.

The use of any additional bracing or weights depends on the wind loads at the installation site.

SYSTEM FEATURES

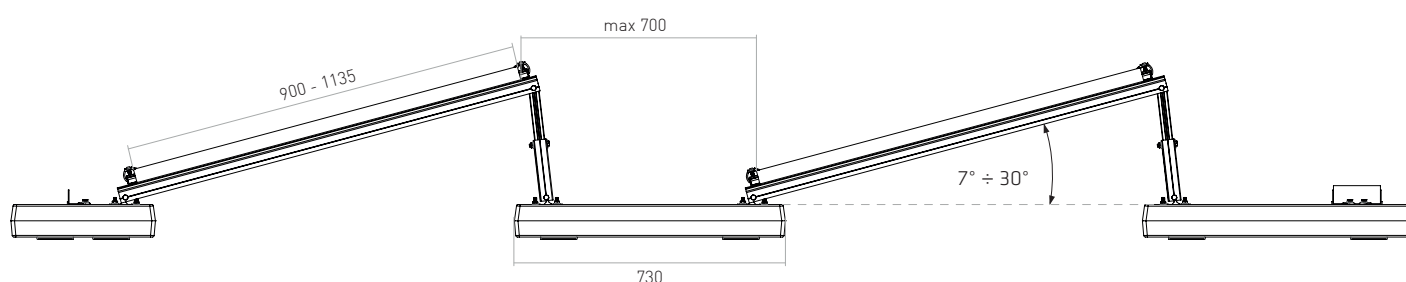
Module fixing: short and long side

Tilting: 7 to 30°.

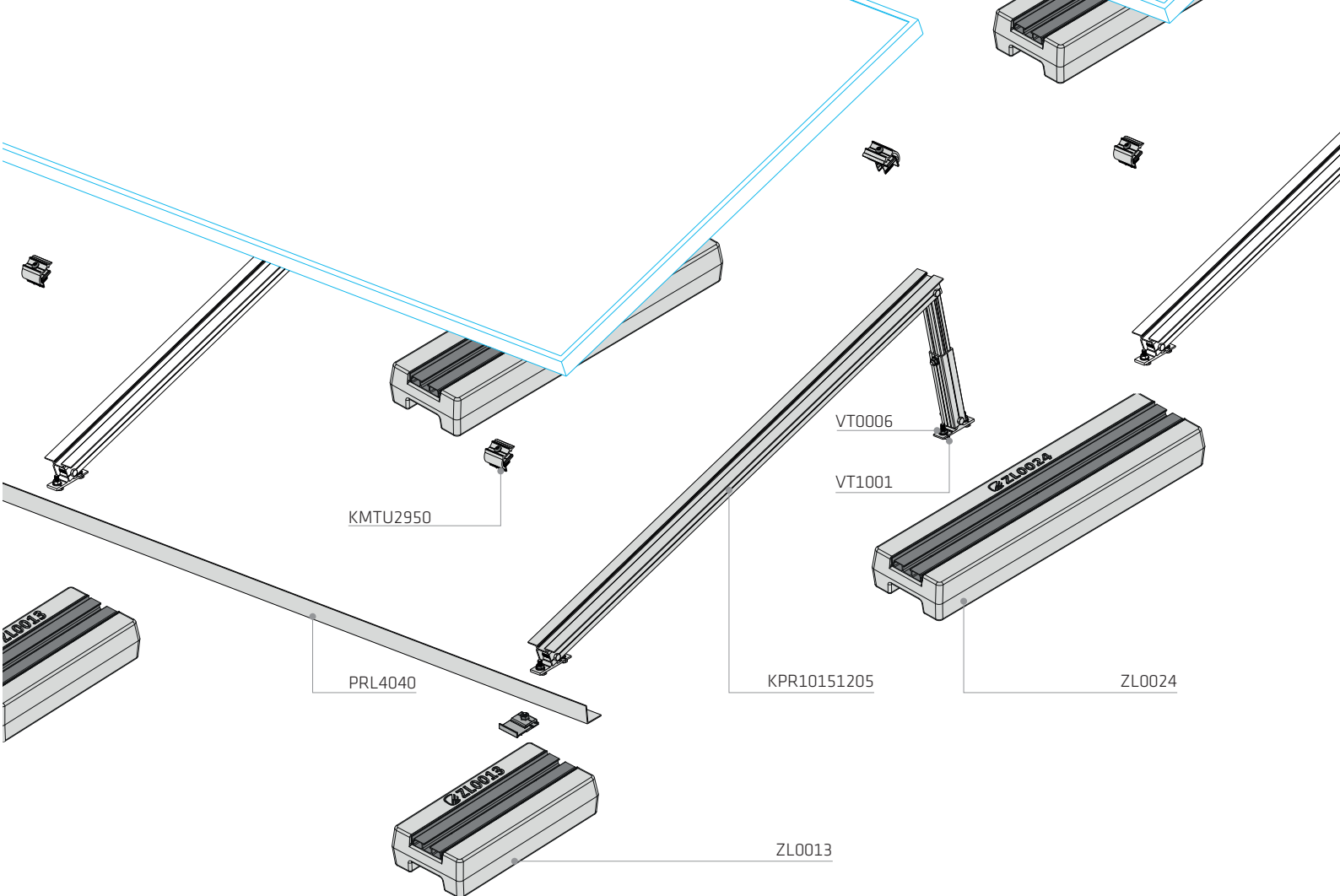
Modules orientation: horizontal

ADVANTAGES

- Linked system with pre-assembled junction profiles and triangular kits
- Reduced stress on module frames even with high wind loads
- Possibility of adjusting the height and inclination of the individual panel to compensate for any discontinuities in the roofing
- Mounting flexibility for different inclinations using the same pre-assembled kit



example with 10° support



Main components



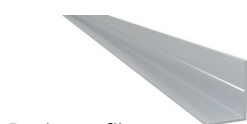
ZL0024 | Ballast



ZL0013 | short ballast



Support
KPR10151205 | Kit support 10° - 15°



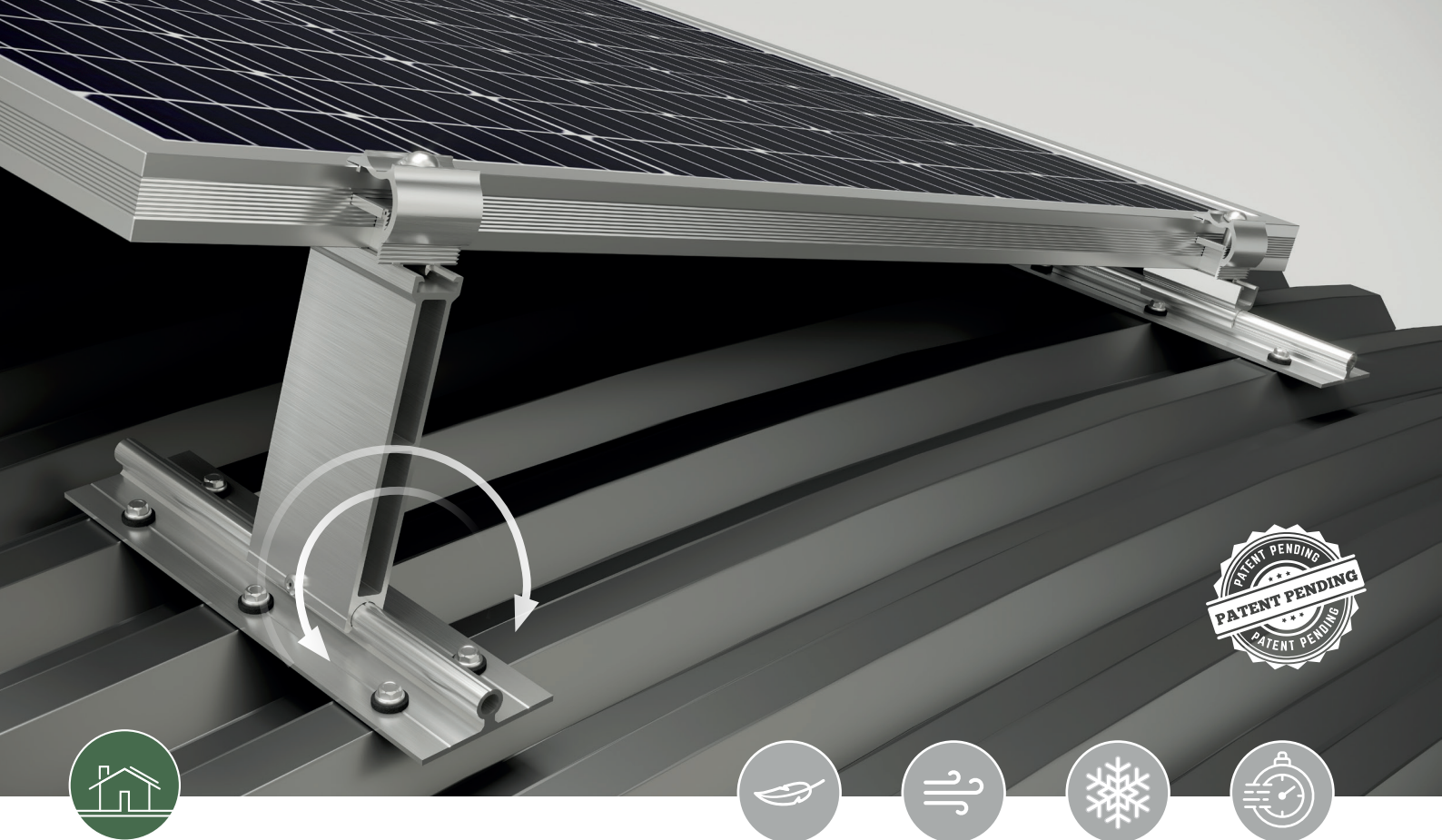
Bracing profile
PRL4040 | 3000 mm



KMTU2950 | **KMTN2950**
Universal terminal clamps



KMCU2950 | **KMCN2950**
Universal central clamps



TILT

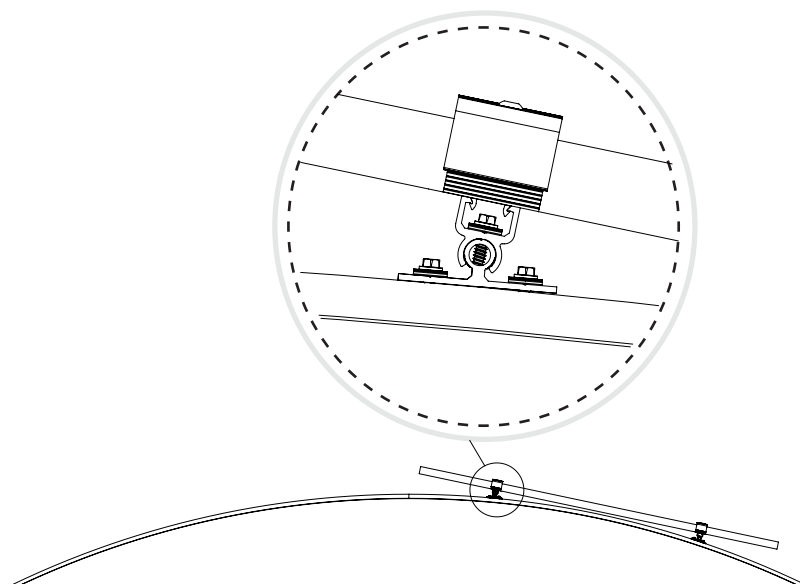
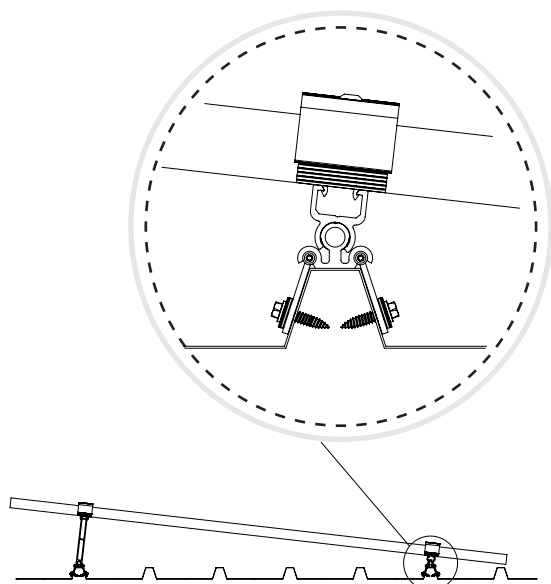
The TILT system is suitable for the installation of panels with variable inclination on flat and curved corrugated sheets. The system includes a lower component of base to be fixed to the sheet and an upper component to be fixed to the panel.

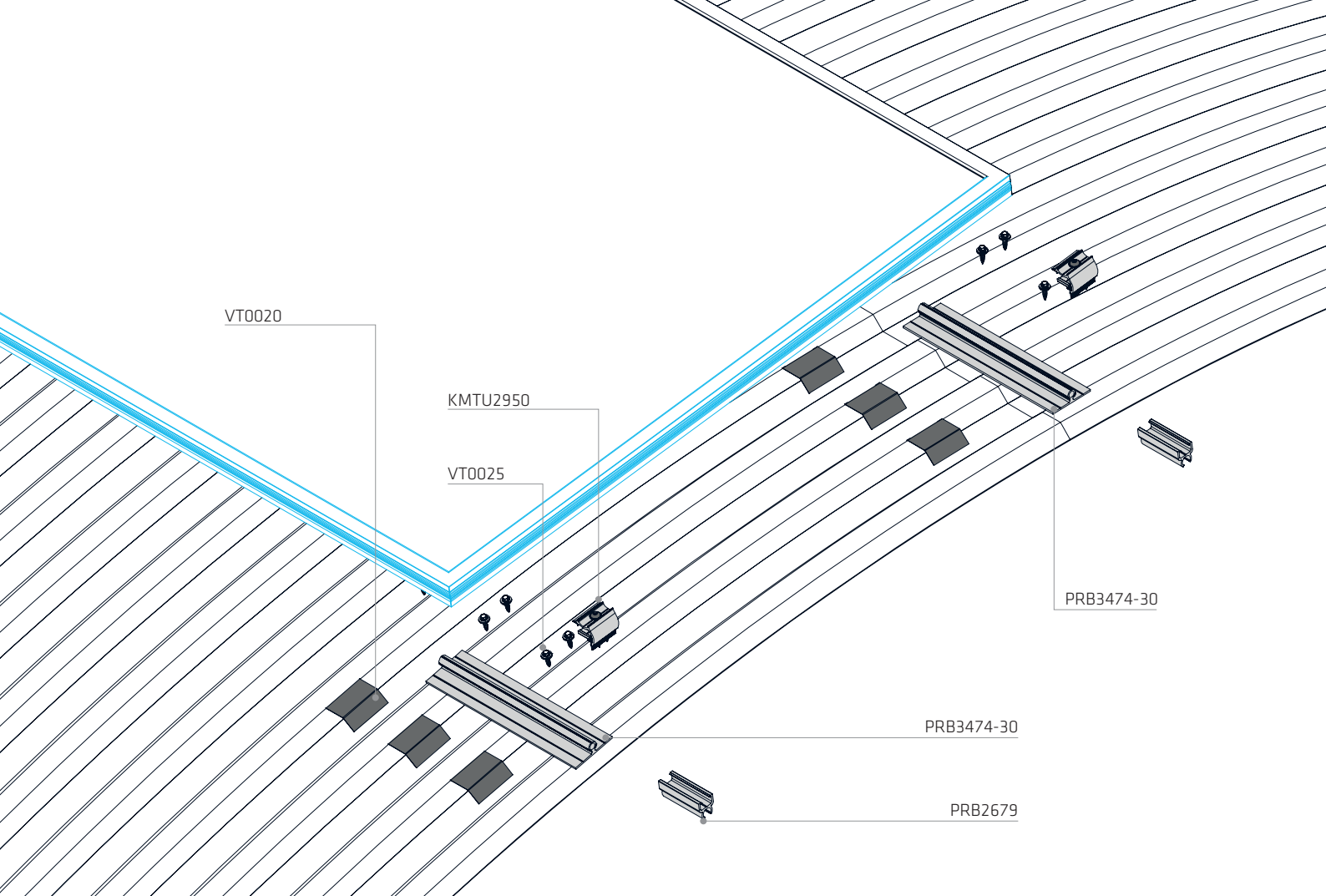
The lower component includes a support base equipped with two lateral fins that are fixed to the trapezoidal sheet metal by means of rivets or self-tapping screws.

The upper component includes a stop surface for mounting the photovoltaic module and a circular housing for hinging the lower component.

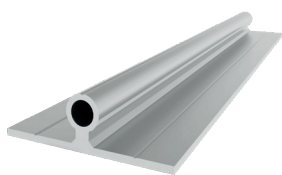
ADVANTAGES

- Suitable for high snow and wind loads
- Possibility of adjusting the angle of inclination of the panels
- Low incidence of load on the roof
- Low number of accessories and screws for the assembly of individual components





Main components



lower component

PRB3474-30
PRB3474-38



upper component

PRB2679



PRB7359



PRB1300



Length: 10 mt
Width: 50 mm
Thickness: 1 mm

VT0020

Butyl rubber
adhesive tape



Lockable sheet thickness:
aluminum 0,4 - 1,5 mm
steel 0,4 - 1 mm

VT0025

Self-tapping bi-metal
screw 5,5x25



VT0023

Blind rivet with
seal 5,2x19,1



VTI48013

Self drilling screw
INOX 4,8x13



KMTU2950

Universal terminal clamps



KMTN2950



KMCU2950

Universal central clamps



KMCN2950

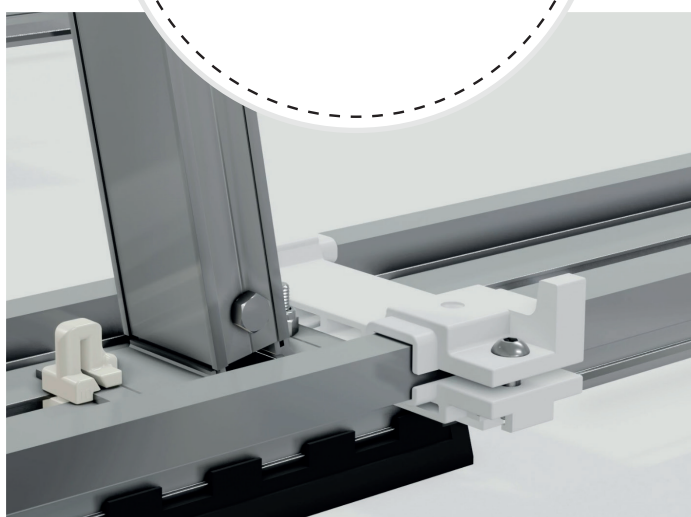
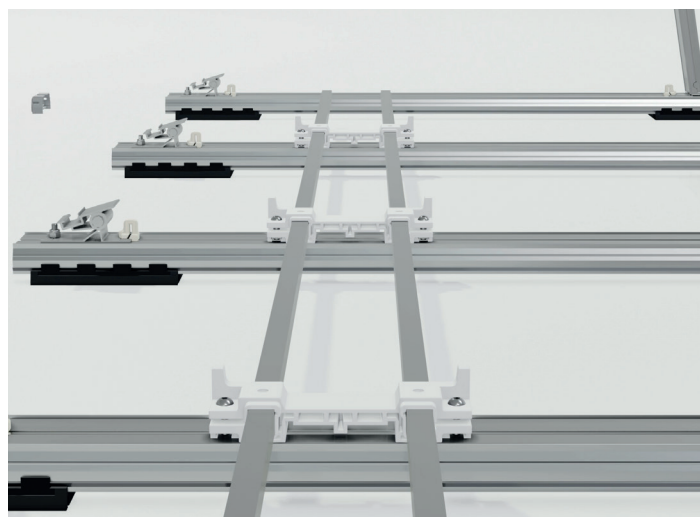
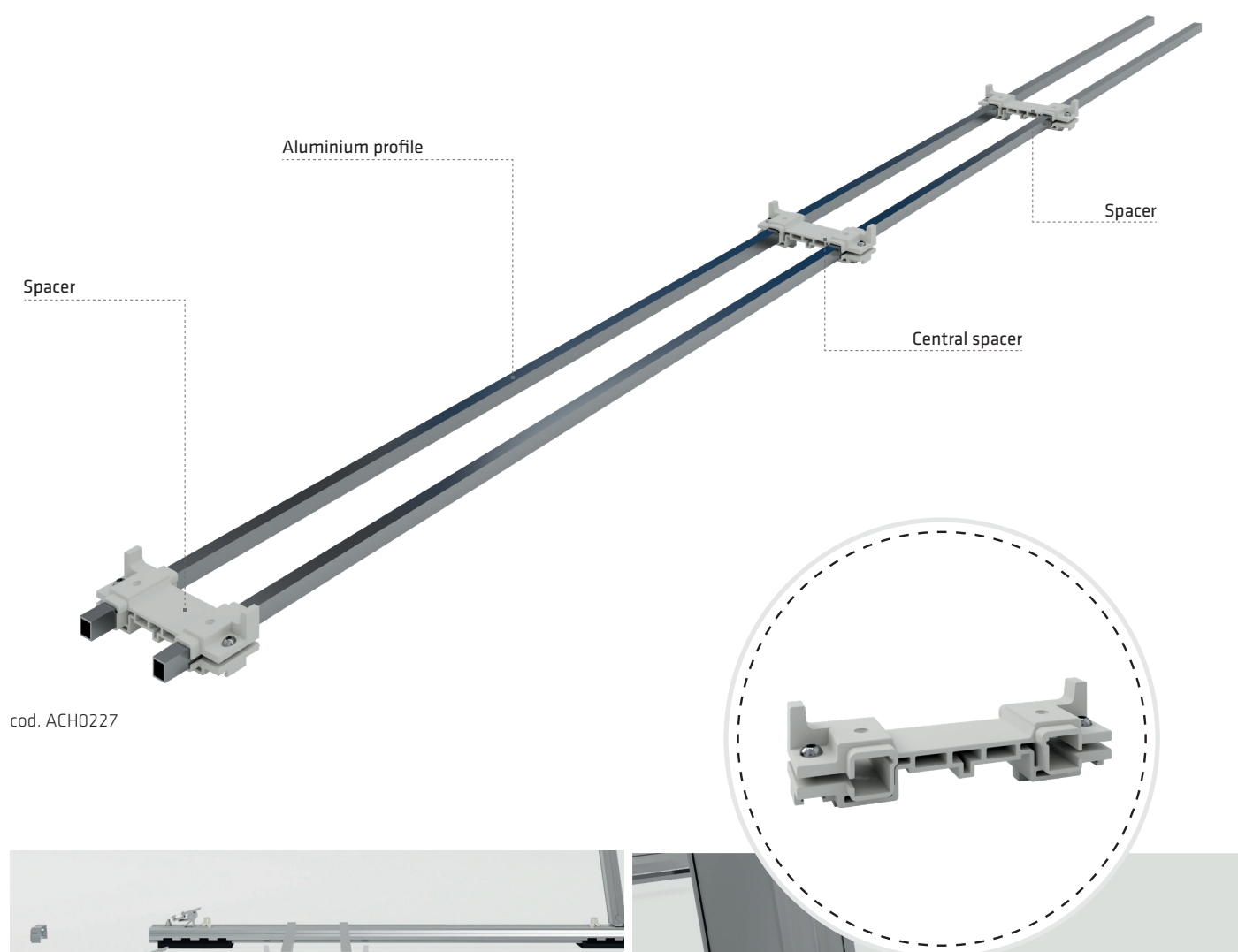
Accessories

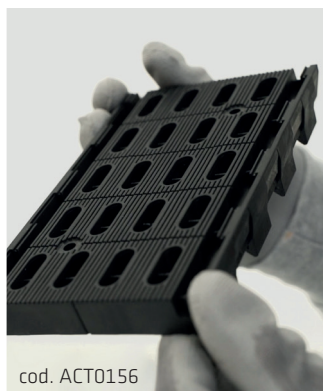


Jig H

The jig consists of three spacers with two aluminium profiles. The special geometry of the jig allows

the positioning of both the base profiles and the front and rear supports. It is possible to adjust the distance between the three spacer supports and consequently allows you to block the aluminum profiles with the two pre-assembled screws



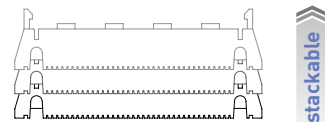


cod. ACT0156

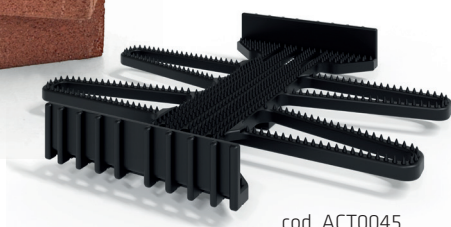
Rubber mat

A rubber mat is placed between the base profile and the ground with the purpose of absorbing the deformations of the structure and generate friction with the mantle coverage.

The mat is fitted to the aluminium base profile by snap-fitting serrations placed on the lateral side. The bottom surface is knurled to increase friction and at the same time favor the water outflow.



cod. ZC0006



cod. ACT0045

Ballast support

The additional weights are placed on a plastic ballast support with four protruding fins to increase the contact surface.

Support presents also two side fins necessary to hold the concrete block avoiding overturning / translation due to wind load.

If the ballast has larger dimensions, to not be contained between the two fins, the support can be also supplied without them: in this case the friction between the support and the concrete block is increased by the presence of wedge-shaped protrusions on the flat part.



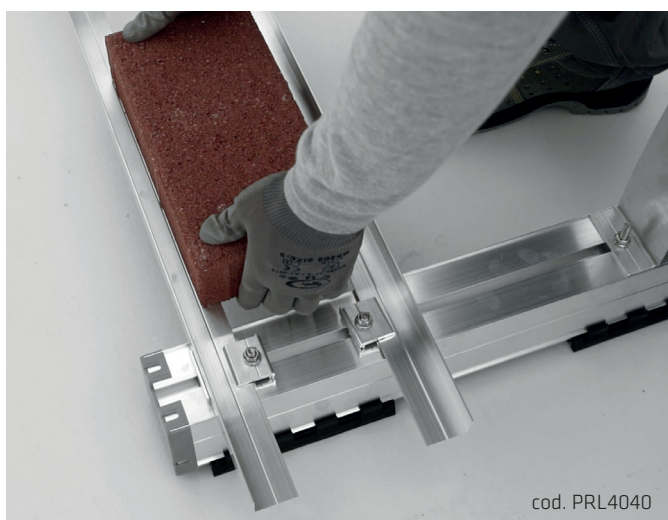
cod. ACP0006



Polycarbonate UV hook

The individual front and rear brackets are attached to the base profile using two hammer-head screws. Alternatively, the UV-resistant polycarbonate hook can be used instead of a hammerhead screw.

In addition, the special hammer head shape allows the hook to be fixed to the base profile by inserting and turning the hammerhead into the groove.



cod. PRL4040

Angular bracing

A cross brace is used to stiffen the frame. It is connected to the various base profiles by means of a pre-assembled aluminium hook.

The latter consists of two pieces connected by a hammerhead screw.

The two pieces lock the angle profile in place without the need to drill holes in it.

The bracing, mounted in pairs, also acts as a support for additional ballast, with the advantage of being able to shift the position of the fastenings thanks to the use of the pre-assembled hook.



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This catalogue replaces previous editions.

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SALES CONDITIONS

1. OFFER AND AGREE

The supplies will be made exclusively on the basis of these general conditions of sale. The customer expressly accepts, without any reservation, all of the following general conditions of sale in force at the time he signs the order.

Any exceptions must be confirmed in writing by the seller.

2. TERMS OF SUPPLY

TRANSPORT - DELIVERY TIMES AND CAUSES OF FORCE MAJEURE - PASSING OF RISK

2.1 Transportation.

The goods travel exclusively at the customer's own risk. The fixed contribution for transport costs is € 20.00 (twenty euros / 00); an additional fixed contribution of € 20.00 (twenty euros / 00) will be added to the "Italia Isole" orders. The minimum billable is € 300.00 (three hundred euros / 00); for the "BALLASTS" product, the transport will be calculated at the time of order confirmation, based on the quantity and destination of the goods.

2.2 Delivery times and causes of force majeure and / or excessive onerousness.

Delivery times are not binding and are subject to the possibility of unforeseen events caused by force majeure. In such cases, the seller reserves the right to suspend and / or cancel the supply by simply communicating the occurrence of such circumstances.

The customer is aware that among the causes of force majeure that can constitute a hypothesis of impossibility or excessive burden occurring may be, by way of example but not limited to: strikes, impossibility for any reason to carry out transport, shortage of raw materials, increases in costs of raw materials, freight rates, fuels, expensive production, etc.

Therefore, any penalties and / or claims for damages for exceeding the delivery terms and / or for canceling the order are excluded.

2.3 Passing of Risk.

The risk connected with the transport of the goods is transferred to the customer when the goods leave the seller's warehouse.

3. EMPTY RETURNS (PALLETS, CRATES)

If the goods are supplied on pallets or in other returnable packaging, the packaging will be charged on the invoice. The relative amounts will be reimbursed when the packaging is returned with a credit note, less a lump sum of 10% of the sales value of the pallets and 5% of the sales value of the crates. The return of the packaging is at the expense and expense of the customer. After six months from the delivery date, the packaging will no longer be accepted for return.

4. PRICES, PAYMENTS, RESERVED DOMAIN and PENALTY

The prices are those indicated in the seller's price lists in force at the time of signing and placing the order. Payment terms must be agreed with the seller's agents. Any disputes made for any reason do not authorize the customer to suspend payments. Failure to make a payment, even partial, within the agreed terms authorizes the seller to suspend without notice any delivery, even if already in progress and even if not directly connected with the contract not honored. Failure to comply with the agreed payment terms, even if relating to a single installment or due date, automatically entails the accrual of all outstanding payments. In the event of late payments, the customer expressly authorizes the seller to collect all the material delivered. Even if not expressly specified in the order confirmation, the supply must always be understood as performed with a retention of title agreement.

Therefore, the ownership of the products remains with the seller until the customer has paid the full agreed price. In the event of late payments, interest equal to the "PRIME RATE" plus two points from the day of crediting the currency in favor of the seller will be charged. Without prejudice to the payment of default interest, if the customer does not proceed to make the payments within the agreed terms, Contact may suspend the delivery of the Products, until the customer makes the overdue payments.

5. PRICE ADJUSTMENT

The customer recognizes the seller the right to increase the prices agreed in this contract, if after the agreement and before delivery or during the delivery there are increases in the costs of labor, raw materials, fuels / fuels, energy, electricity, transport or other cost items affecting the supply of materials. The price adjustment is allowed if the price variation was more than 3% compared to the previous month. The reference tool for the adjustment is the list of wholesale prices (building materials sector) of the Chamber of Commerce of the Province of Bari.

The price adjustment takes into account the entire increase of the same, including the 3% margin. within which no adjustment is made.

6. COMPLAINTS

Upon delivery of the goods, the customer must sign the accompanying documentation. The customer is required to carry out an accurate check of the Products at the time of their delivery or in any case at the time of their receipt by the Carrier before signing the transport document for receipt. This signature has the contractual effect of an acceptance of the goods and the attestation of the verification of the quality and quantity of goods taken over. Any disputes regarding the goods delivered for obvious defects must be communicated to the carrier upon receipt of the same, under penalty of forfeiture, and must be described in the delivery note; complaints for hidden defects must be communicated, again under penalty of forfeiture, no later than eight days from the date shown on the accompanying documentation, in writing to the seller. Small differences in the size, weight and color of the goods do not justify complaints or claims for compensation. The disputes will in any case be rejected if: - they are not communicated within the deadline; - the payment conditions have not been respected; - the goods will appear to have been used incorrectly; - the goods will appear to have been used for purposes and / or for uses other than those for which they are intended; - the disputed goods will have been equally used or installed. The client's objection will be considered definitively rejected or in any case archived if the client does not take a position in writing within 30 days of receipt of the written notification of rejection of his objection.

7. JURISDICTION

The Court of Bari will have exclusive jurisdiction for any dispute, with the express prior waiver of any further jurisdiction.

Pursuant to articles 1341 and 1342 of the Civil Code, the undersigned customer declares to have taken a specific, precise and detailed view, after careful reading and understanding, of all the provisions of this contract set out below:

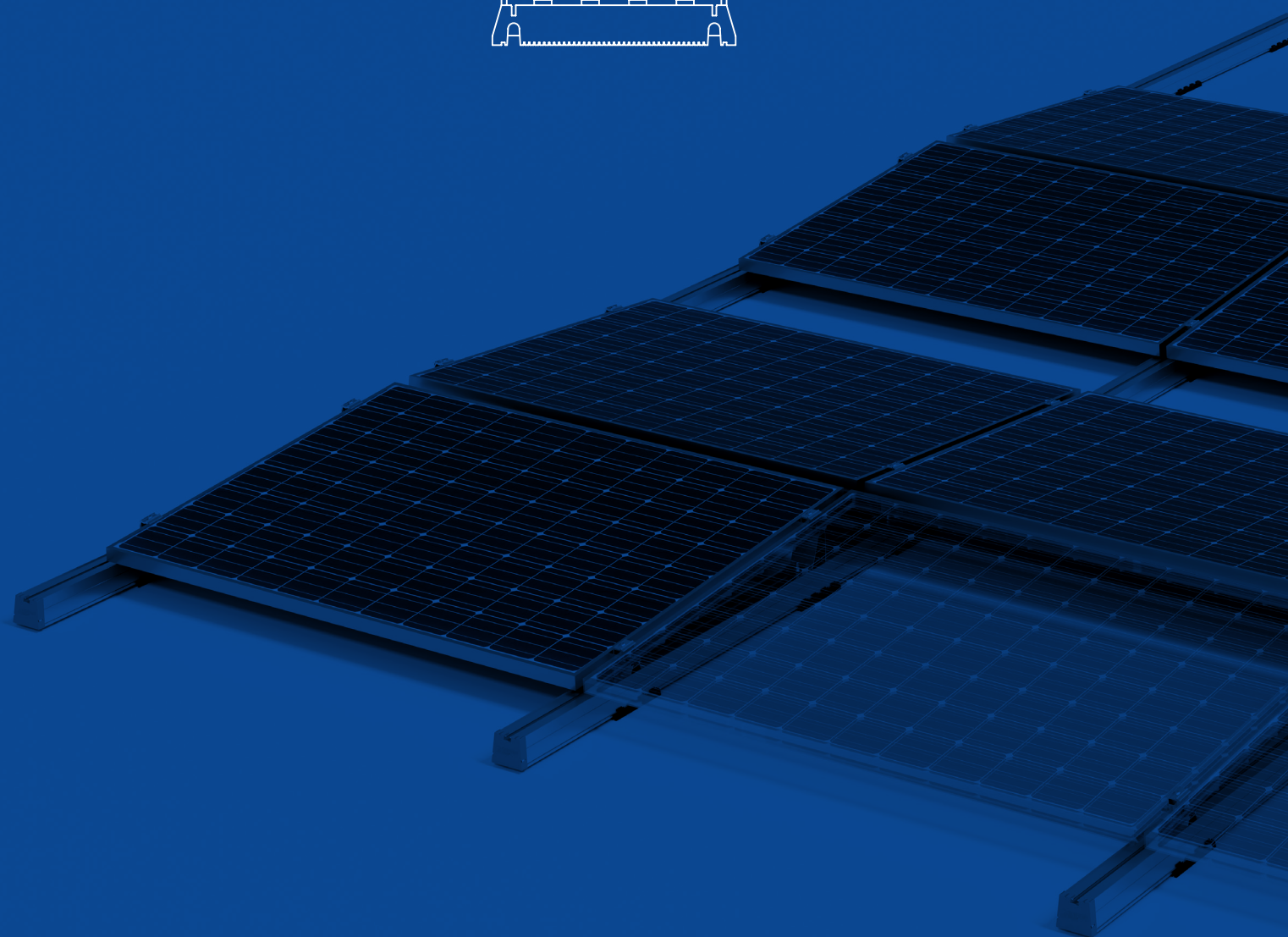
1. Offer and stipulation;
2. Supply conditions - Delivery times - Passing of risk - Causes of force majeure;
3. Returnable empty (pallets, crates);
4. Prices, payments, Restricted Domain and Penalty;
5. Price adjustment;
6. Complaints;
7. Competent court, and expressly declares to approve them.

IMPORTANT

"If the pallet or the material, at the time of unloading, is visibly damaged, please sign subject to control and send us photographic material. ONLY in this way the material can be contested. and / or replacement.

Any costs of storage of goods with the courier, due to incorrect addresses and / or names, refusal of delivery or impossibility of access to the delivery site, and in any case causes not dependent on our company, will be communicated to the customer and subsequently charged in invoice. **Contact Italia Srl** is not responsible for any costs incurred for crane rental and / or site stoppages, due to delays or errors in delivery".

Contact Italia srl reserves the right to modify the technical characteristics of the products without any prior notice. The images are purely indicative.



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