

# SOLAR FIXING



Installation systems and fixings for photovoltaic panels

**EN**



# A PERFECT FIXING for **YOUR BUSINESS**

At **INDEX®** we are manufacturers and industrial suppliers of fixing systems, offering global solutions adapted to your business needs.

***BUT WE ARE MUCH MORE THAN THAT.  
WE ARE A LARGE TEAM ENGAGED IN  
CONTINUOUS RESEARCH, DEVELOPMENT  
AND INNOVATION, AND, LET'S FACE IT,  
WE'RE MORE THAN A LITTLE OBSESSED  
WITH ACHIEVING OUR GOAL:  
TO PROVIDE THE PERFECT FIXING.***

Whatever the size of your business, at **INDEX®**, we will find the perfect fixing for your needs.





## WHY IS INDEX® A PERFECT FIXING FOR YOUR BUSINESS?

AT **INDEX®**, we believe that nothing is impossible when it comes to striving for perfection. Therefore, we continuously invest in new products, approvals, production processes, and technological resources to meet all the demands of the market.

*These are just some of the reasons why  
**INDEX® STANDS OUT***



### AVAILABILITY AND WIDE PRODUCT RANGE

Over 10,000 products permanently in stock (guaranteed).



### WE WORK WITH THE CHANNEL

We sell through the distribution channel, enabling us to gain first-hand market knowledge.



### WE ARE EXPERT MANUFACTURERS

Over 30 years of experience in manufacturing fixing systems enables us to ensure the maximum quality of all our products, the best service, and competitive overall costs.



### CERTIFIED QUALITY

We hold the most important certificates and approvals, verifying that all of our products meet the highest quality standards.



### INTERNATIONAL PRESENCE

We are a global company with sales in more than 90 countries on the five continents and facilities in Spain, China and Mexico.



### ENGINEERING AND TECHNICAL SUPPORT SERVICES

We support our customers with structural design and calculations, joint site visits, and technical training on topics related to fixing systems.



### QUALITY CUSTOMER SERVICE

Our customers are at the heart of everything we do. We have a team of over 300 people at your service.



### INDEX SPACE ESTUDIO

We have the perfect display solution for all our customers, whatever their business.



# INDEX, a perfect choice



## A range with all integrated solutions

**We present a complete solution for all types of rooftop photovoltaic installations.**

The range is designed to ensure a fast, efficient and reliable installation. It offers a complete programme of systems with their corresponding assembly, fixing and sealing solutions, complemented by a wide selection of products from the INDEX® catalogue.

The correct installation of the steel or aluminium structures is key to obtaining maximum system performance, as they help to provide the durability of the installation and the optimum orientation and inclination of the installation.

## Maximum quality. Maximum guarantees

Solar installations require maximum reliability against external elements. That is why INDEX® offers high-quality products for steel and aluminium structures, as well as unified mounting and fastening solutions that simplify the component management and assembly of the structure at the installation site.

**We guarantee the highest standards of our products.**

True to our commitment to quality, we ensure that all our products meet the highest standards.

We have optimal solutions for the assembly of structures for outdoor solar panels:

- **High-quality aluminium EN AW 6063 T6.** It is a high-strength aluminium alloy and with a good corrosion resistance.
- **Steel with Atlantis C4-M coating.** It is a coating suitable for outdoor installations with a corrosion resistance of more than 1,000h in a salt spray chamber.
- Stainless steel accessories.

In addition, we opt for pre-assembled systems and our own profiles, designed to facilitate assembly and maintenance works, with new designs aimed at improving performance and reliability.





## **A reliable system that is easy to assemble and maintain**

### **Looking to the future**

The incorporation of this new range focused on the renewables sector is an example of INDEX's commitment to continuous improvement and innovation. The development of this new solution has been a challenge in the form of a research and innovation project that has led to the incorporation of the latest technologies in materials/coatings and the need to design new profiles and assembly systems that bring developments to the current market.

### **Technical support**

We have complete advice on the different systems and their suitability for the location of the installation, personalised calculations and component breakdowns. We provide you with the technical means to verify that the entire installation is carried out with the maximum guarantee of success.

### **Training**

We consider it important that our customers have full knowledge of our range. We give personalised training courses, with the aim of teaching them how to make correct use of all the possibilities and features of our products.

### **Products adapted for the small user**

We like to understand the needs of all our customers in order to offer the best service. We have decided to include load calculation documentation in our range of assembly kits in order to facilitate the correct installation, according to the parameters of geographical positioning and layout on the ground.

### **National production, certified and with environmental sensitivity**

A significant volume of the products included in our range are of national origin, which is necessary to guarantee the high quality and innovation values required. We work with leading suppliers in their respective sectors, who have the highest certification standards required by European legislation.





# INDEX

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# SC-PSA

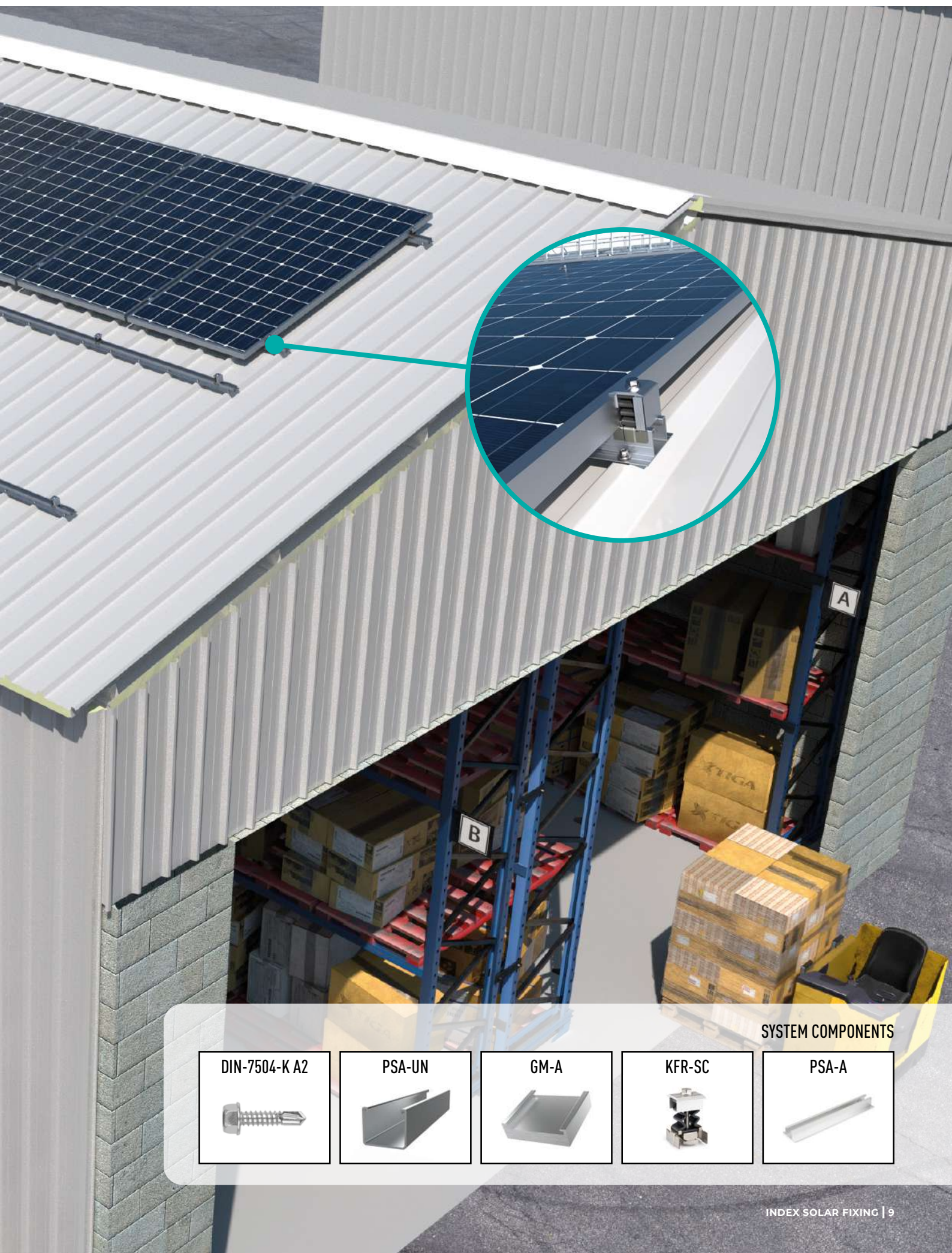
**COPLANAR WITH WINGED ALUMINUM PROFILE (PSA-A).  
DIRECT FIXING.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on raised trapezoidal area, for any rib pitch.
- Portrait-type panel orientation (vertical).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in continuous format to simplify installation planning.
- Connection between profiles using internal profile and self-drilling screws, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

DIN-7504-K A2



PSA-UN



GM-A



KFR-SC



PSA-A





# SC-PSD

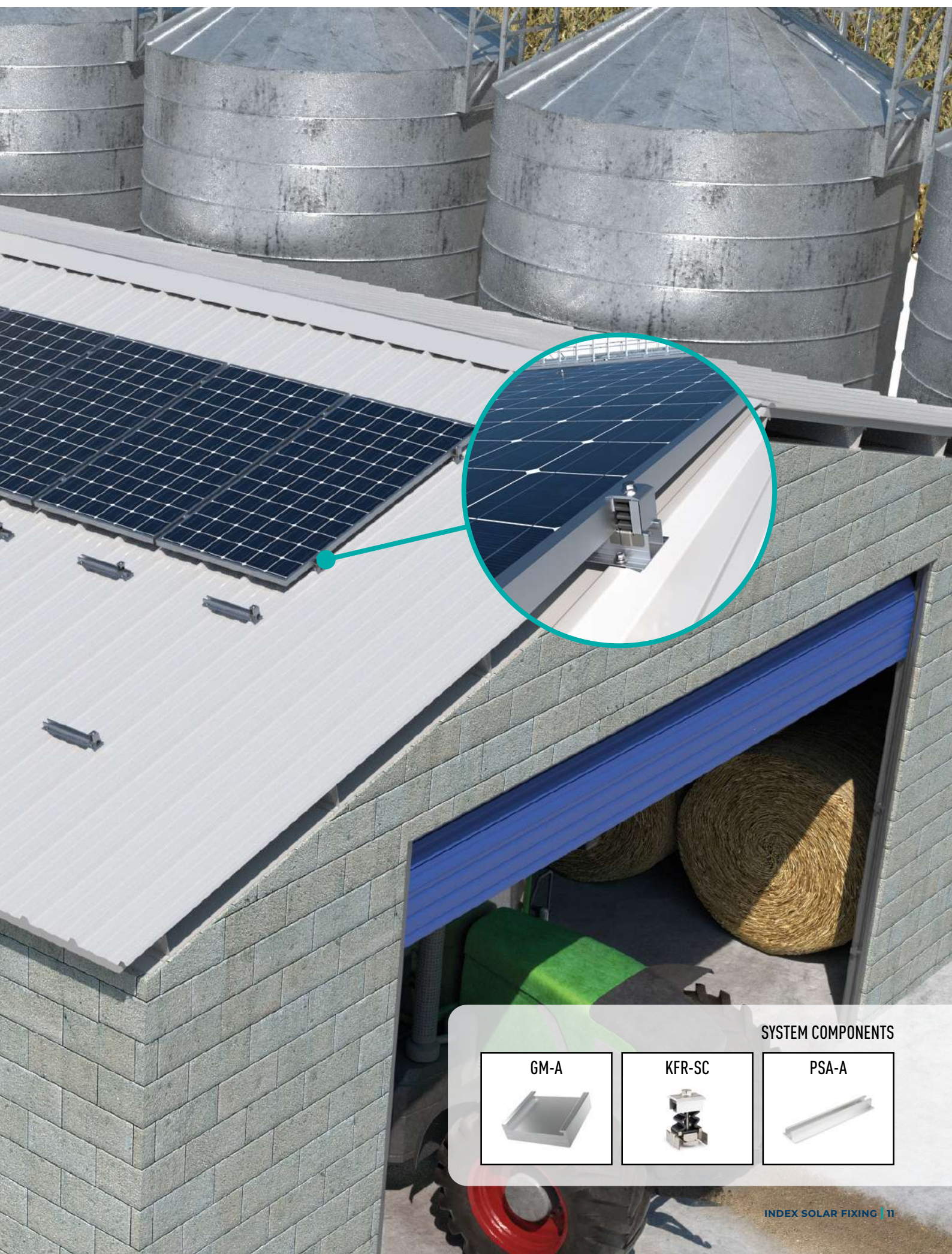
**COPLANAR WITH WINGED ALUMINUM PROFILE (PSA-A).  
DIRECT FIXING. DISCONTINUOUS PROFILE FORMAT.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on raised trapezoidal area, for rib pitches  $\leq 360\text{mm}$ .
- Portrait-type panel orientation (vertical).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in discontinuous format to reduce the profile metres consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

GM-A



KFR-SC



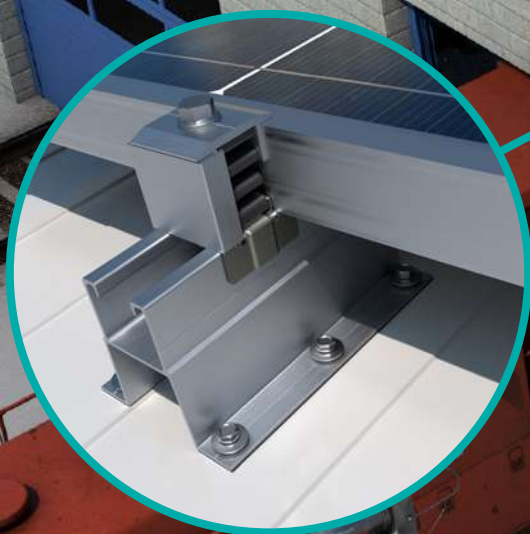
PSA-A





# SC-PSV

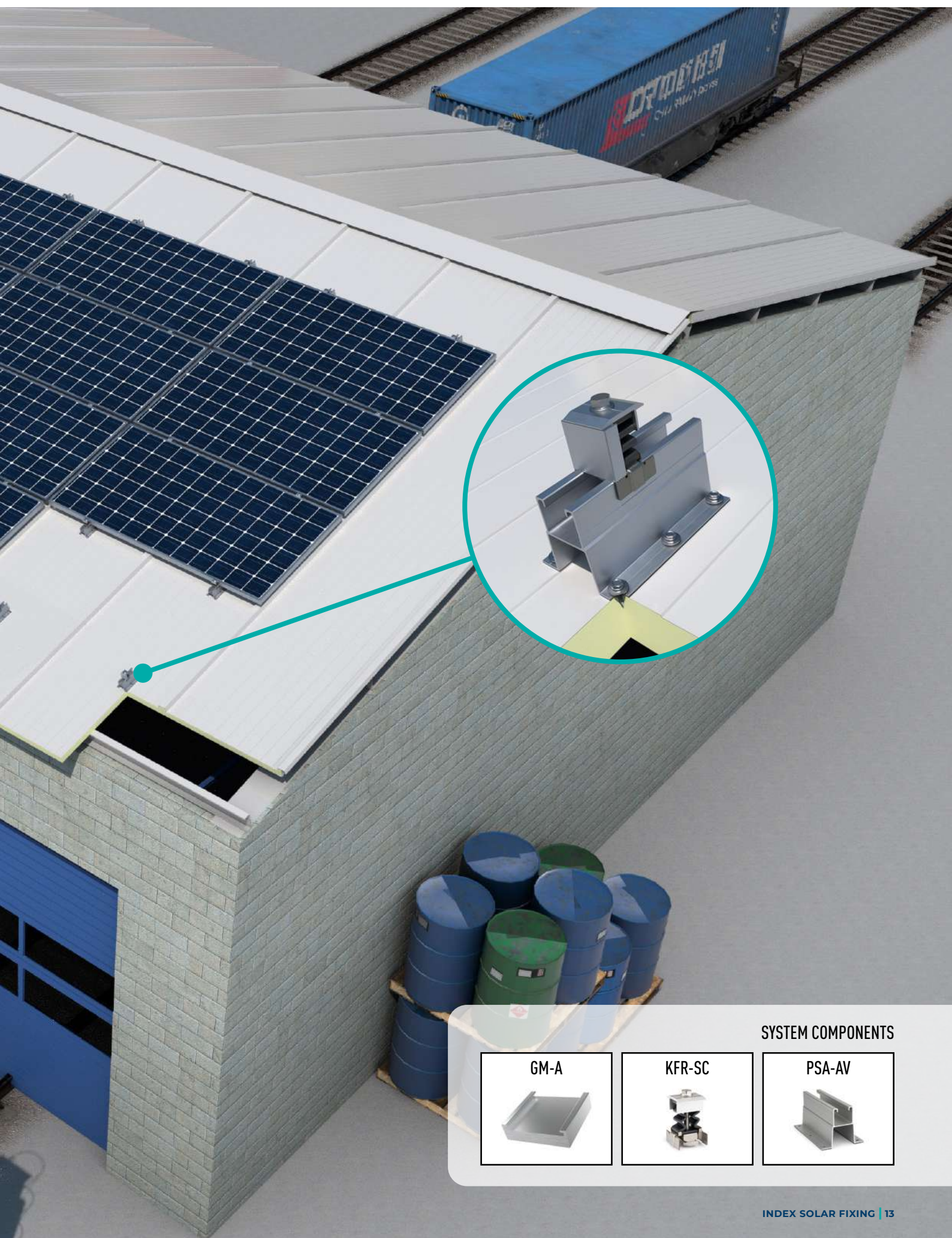
**COPLANAR SYSTEM WITH ALUMINIUM FLANGE PROFILE (PSA-AV). DIRECT FIXING IN VALLEY WITH DISCONTINUOUS PROFILE FORMAT.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, mounted parallel to the roof surface.
- Installation on metal roofs, on the lower part of the roof.
- Landscape-type panel orientation (horizontal).
- Fixing of the system directly on the roof itself, highly efficient and quick to install.
- Profile arranged in discontinuous format to reduce the metres of profile consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





#### SYSTEM COMPONENTS

GM-A



KFR-SC



PSA-AV





# SC-PSE

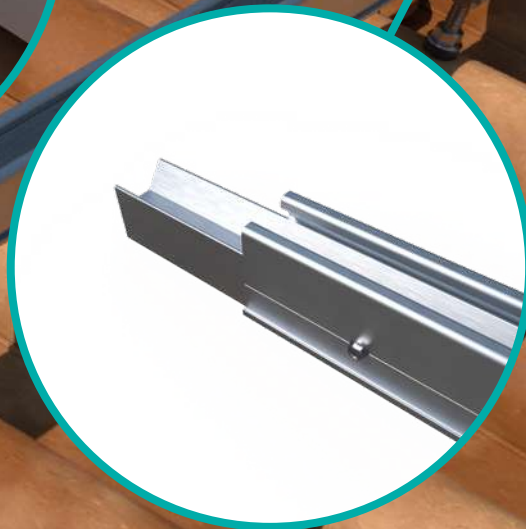
**COPLANAR WITH ALUMINIUM PROFILE PSE-A.  
ASSEMBLED FIXING.**





### QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on all types of roofs, mounted on adjustable fixing accessories.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Fixation of assembly system on adjustable fixing accessories, anchored to the roof or substructure, with a wide range of adjustable fixing accessories available.
- Profile arranged in a continuous format to simplify installation planning.
- Connection between profiles using internal profile and self-drilling screws, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.



### SYSTEM COMPONENTS

DIN-7504-K A2



GM-A



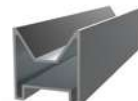
KFR-SC



KFS-FI



PSE-UN



PSE-A





# SC-PSC

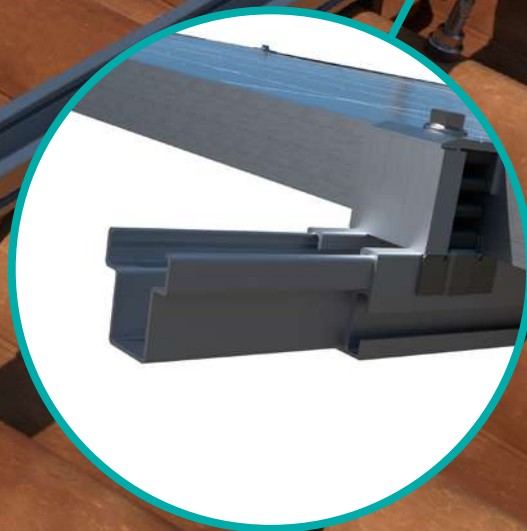
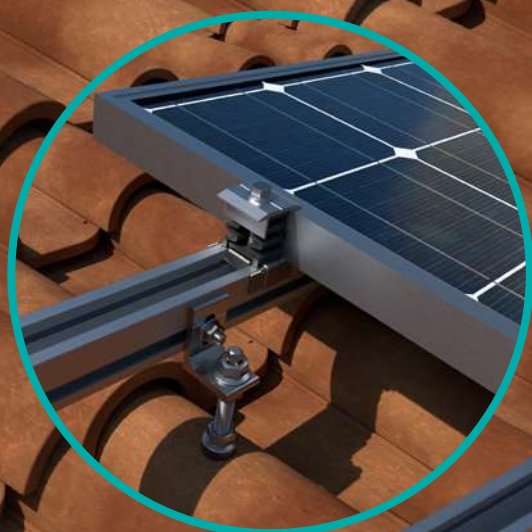
**COPLANAR WITH PSE-C ALUMINIUM PROFILE.  
SIDE-MOUNTED MOUNTING.**





## QUALITIES AND ADVANTAGES

- System for pitched roofs, mounted parallel to the roof surface.
- Installation on all types of roofs, mounted on adjustable fixing accessories and directly to sheet metal.
- Portrait (vertical) and landscape (horizontal) panel orientation.
- System fixing assembled on adjustable fixing accessories, anchored to the roof or to the substructure, with a wide range of adjustable fixing accessories available.
- Profile arranged in continuous format to simplify installation planning.
- Profile arranged in discontinuous format to reduce the number of metres of profile used.
- Connection between profiles by means of internal profile and self-drilling screws, without interfering with the fixing of the panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.



## SYSTEM COMPONENTS

GM-A



KFR-SC



DIN-7504-K A2



PSE-CUN



PSE-C





# SC-PSI

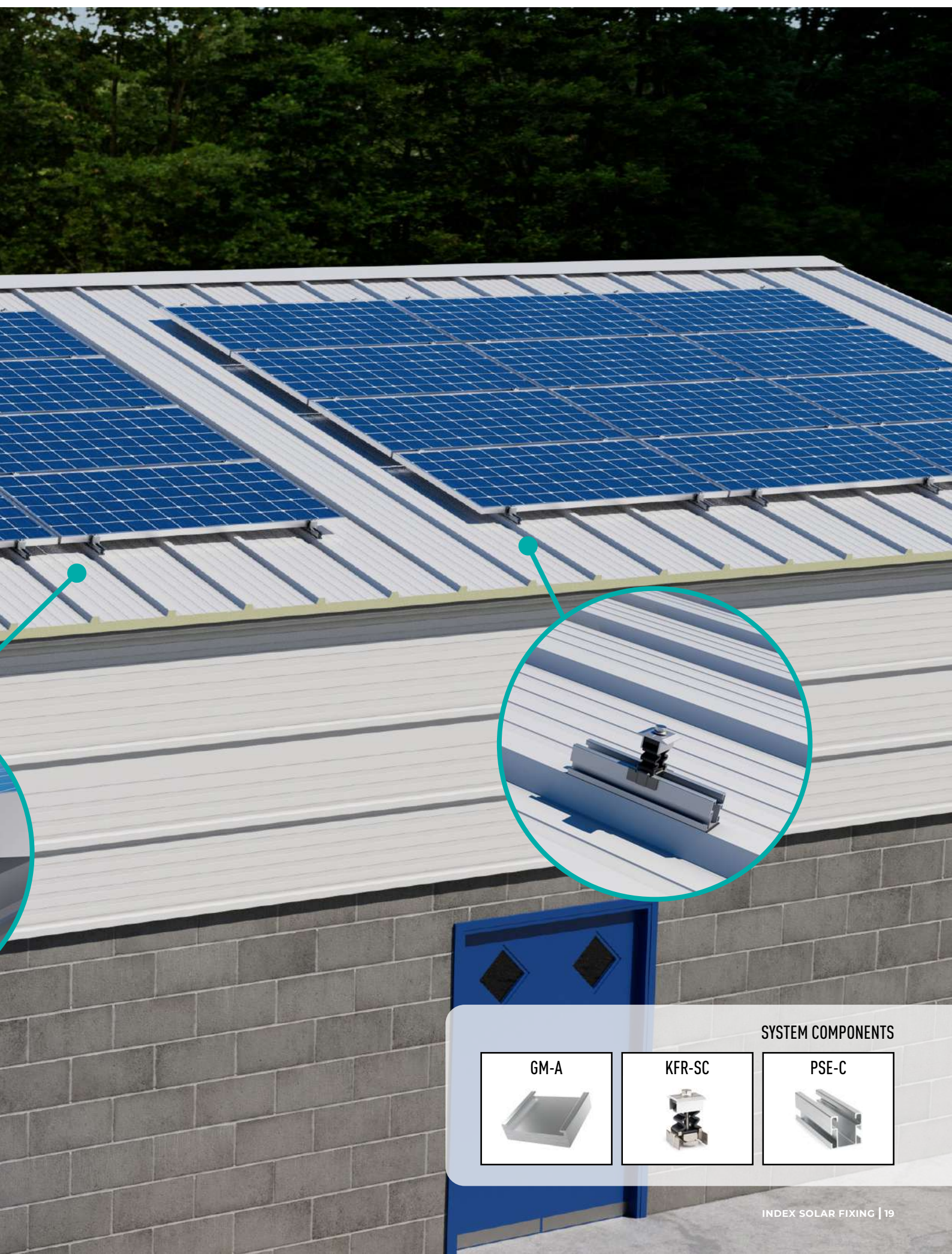
**COPLANAR WITH PSE-C ALUMINIUM PROFILE. LATERAL  
PRE-ASSEMBLED DISCONTINUOUS FIXING**



## QUALITIES AND ADVANTAGES

- System for sloping roofs with installation parallel to the roof surface.
- Installation on metal roofs raised above the ribs.
- Landscape orientation of panels (horizontal).
- Highly efficient, rapid fixing of system directly onto the roof itself.
- Profile available in pre-cut sections to reduce the number of metres of profile used as much as possible.
- Fixing of panels with highly reliable and easily installed innovative solutions that are interchangeable between all the assembly systems.





#### SYSTEM COMPONENTS

GM-A



KFR-SC



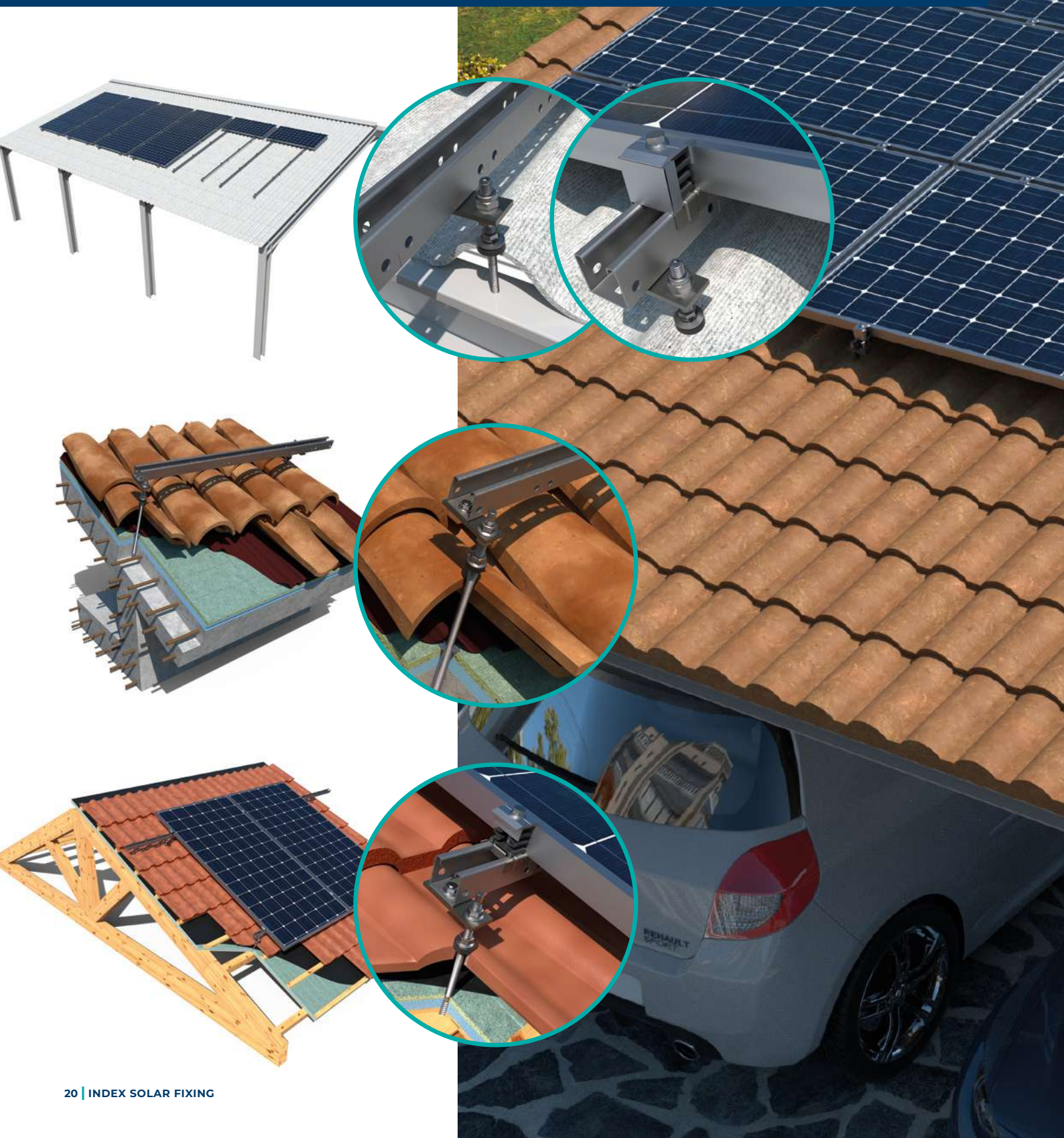
PSE-C



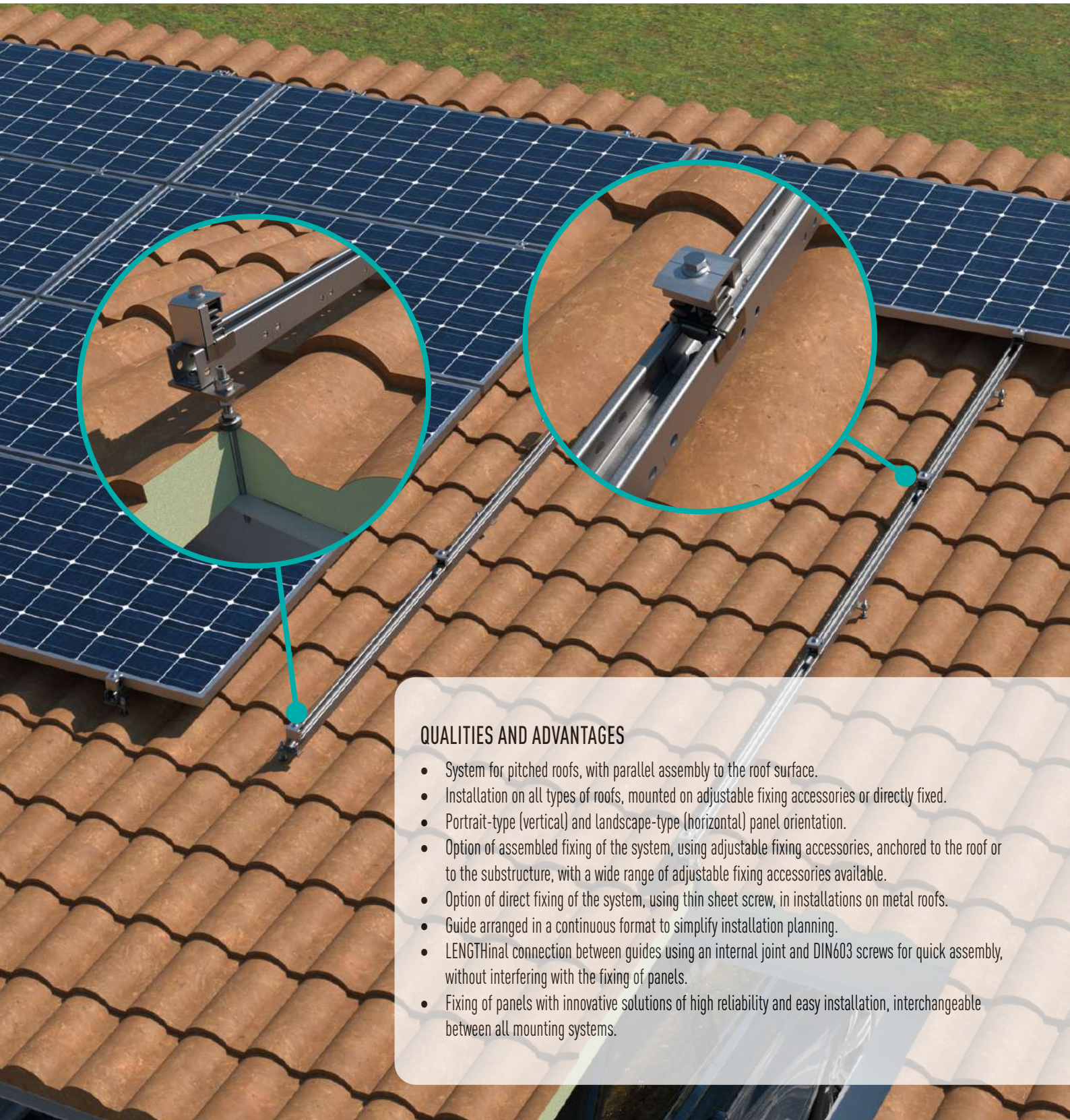


# SC-GPX

**COPLANAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M INDEXTRUT SOLAR GP-XS.**







### QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on all types of roofs, mounted on adjustable fixing accessories or directly fixed.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Option of assembled fixing of the system, using adjustable fixing accessories, anchored to the roof or to the substructure, with a wide range of adjustable fixing accessories available.
- Option of direct fixing of the system, using thin sheet screw, in installations on metal roofs.
- Guide arranged in a continuous format to simplify installation planning.
- LENGTHinal connection between guides using an internal joint and DIN603 screws for quick assembly, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.

### SYSTEM COMPONENTS

DIN-6923 A2



DIN-603 A2



GM-A



KFR-SC



EMP-XS



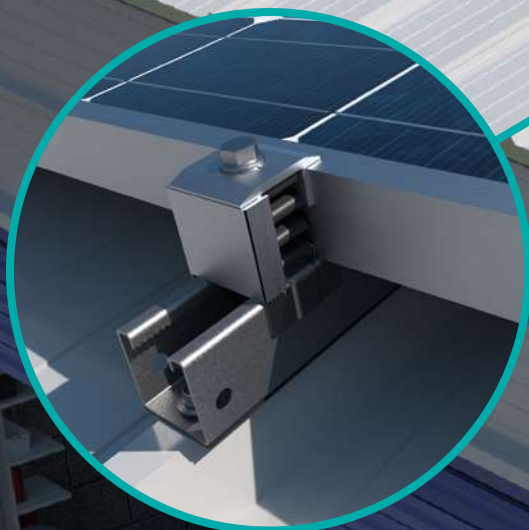
GP-XS





# SC-GPD

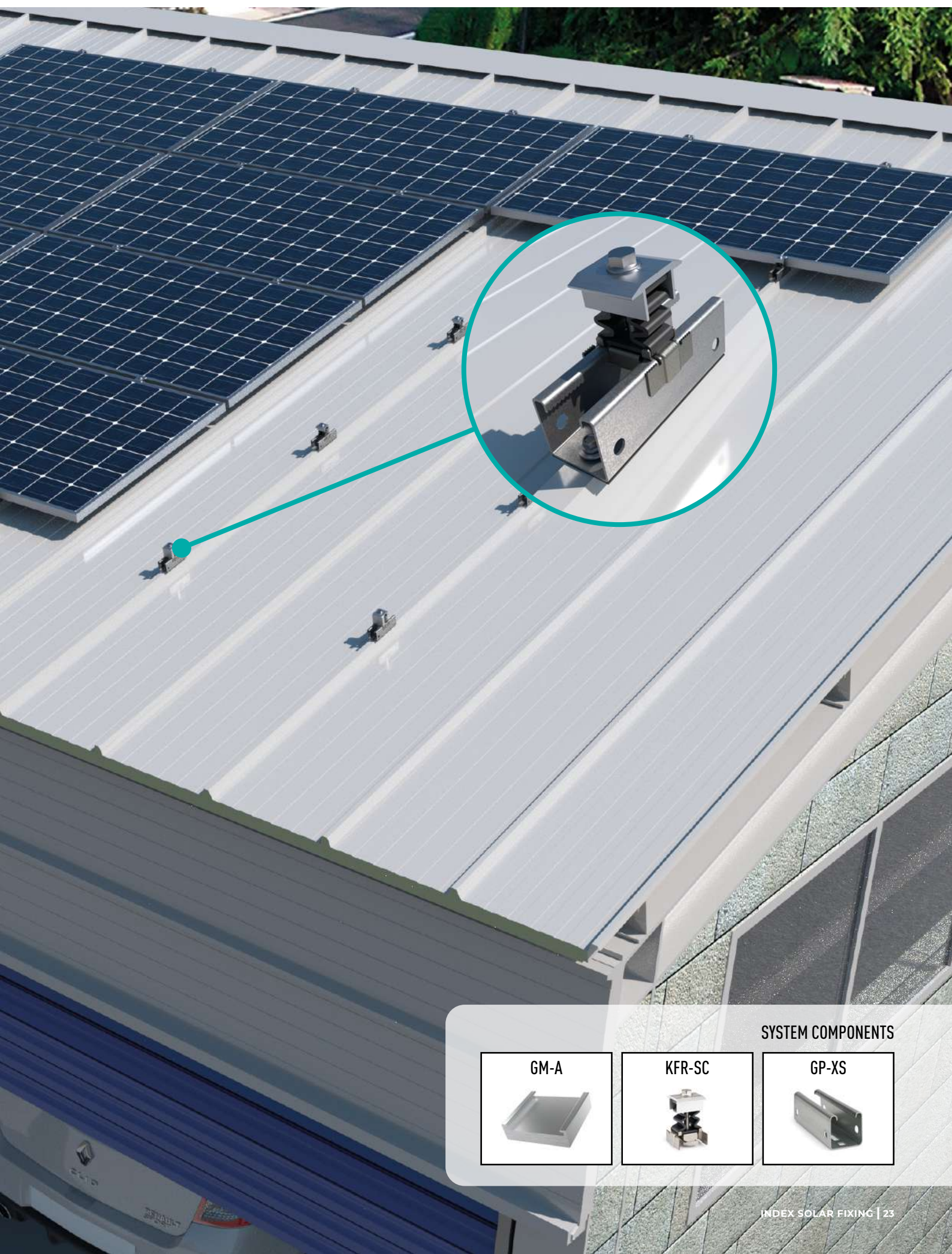
**COPLANAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M. DISCONTINUOUS CHANNEL FORMAT.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on a raised trapezoidal area.
- Landscape-type panel orientation (horizontal).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in a discontinuous format to reduce to a minimum the profile metres consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

GM-A



KFR-SC



GP-XS





# SC-GPV

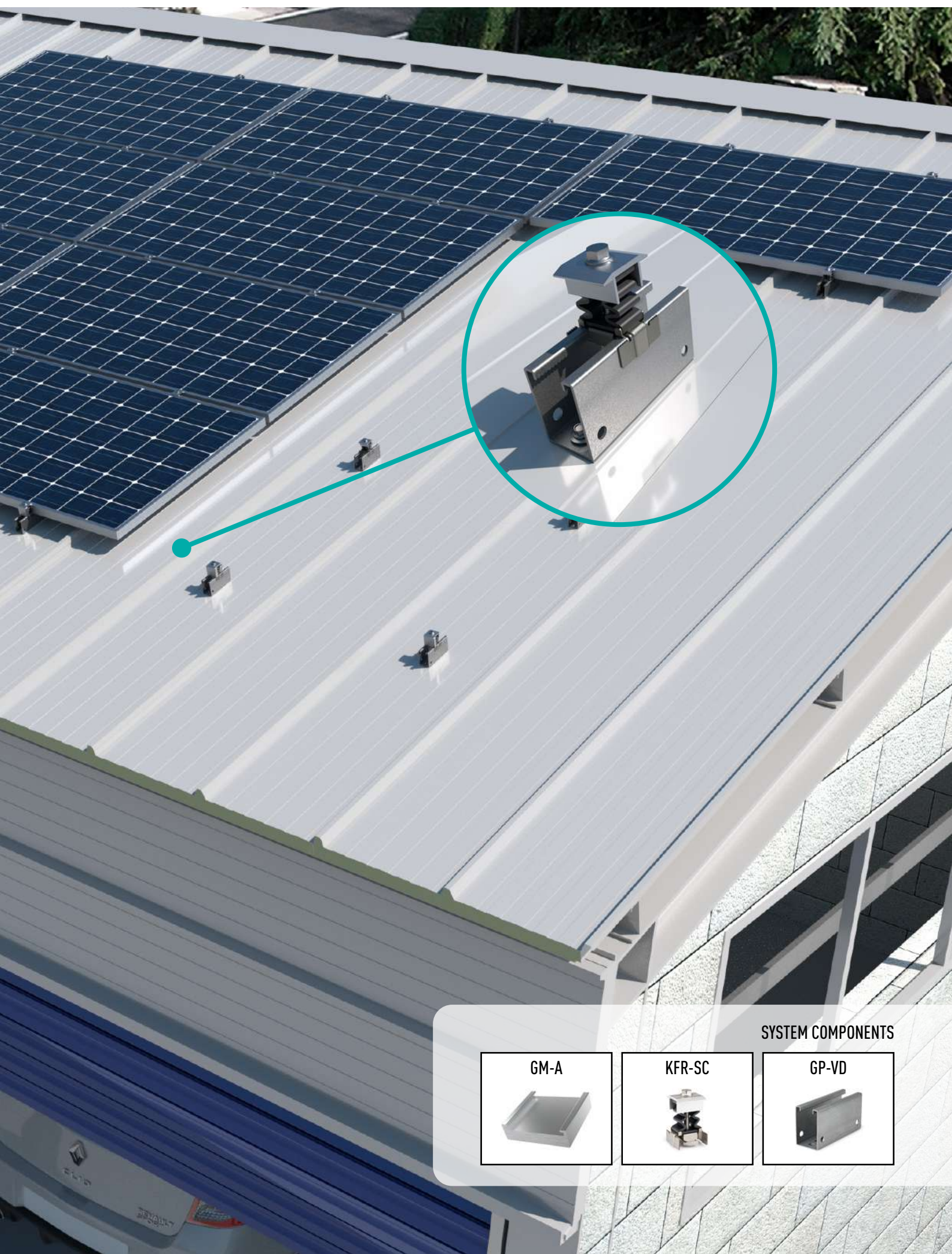
**COPLANAR WITH ATLANTIS C4-M INDEXTRUT SOLAR GP-XS  
PERFORATED STEEL GUIDE. DIRECT FIXING IN DISCONTINUOUS  
VALLEY PROFILE.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, mounted parallel to the roof surface.
- Installation on metal roofs, on the lower part of the roof.
- Landscape-type panel orientation (horizontal).
- Fixing of the system directly on the roof itself, highly efficient and quick to install.
- Profile arranged in discontinuous format to reduce the metres of profile consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

GM-A



KFR-SC



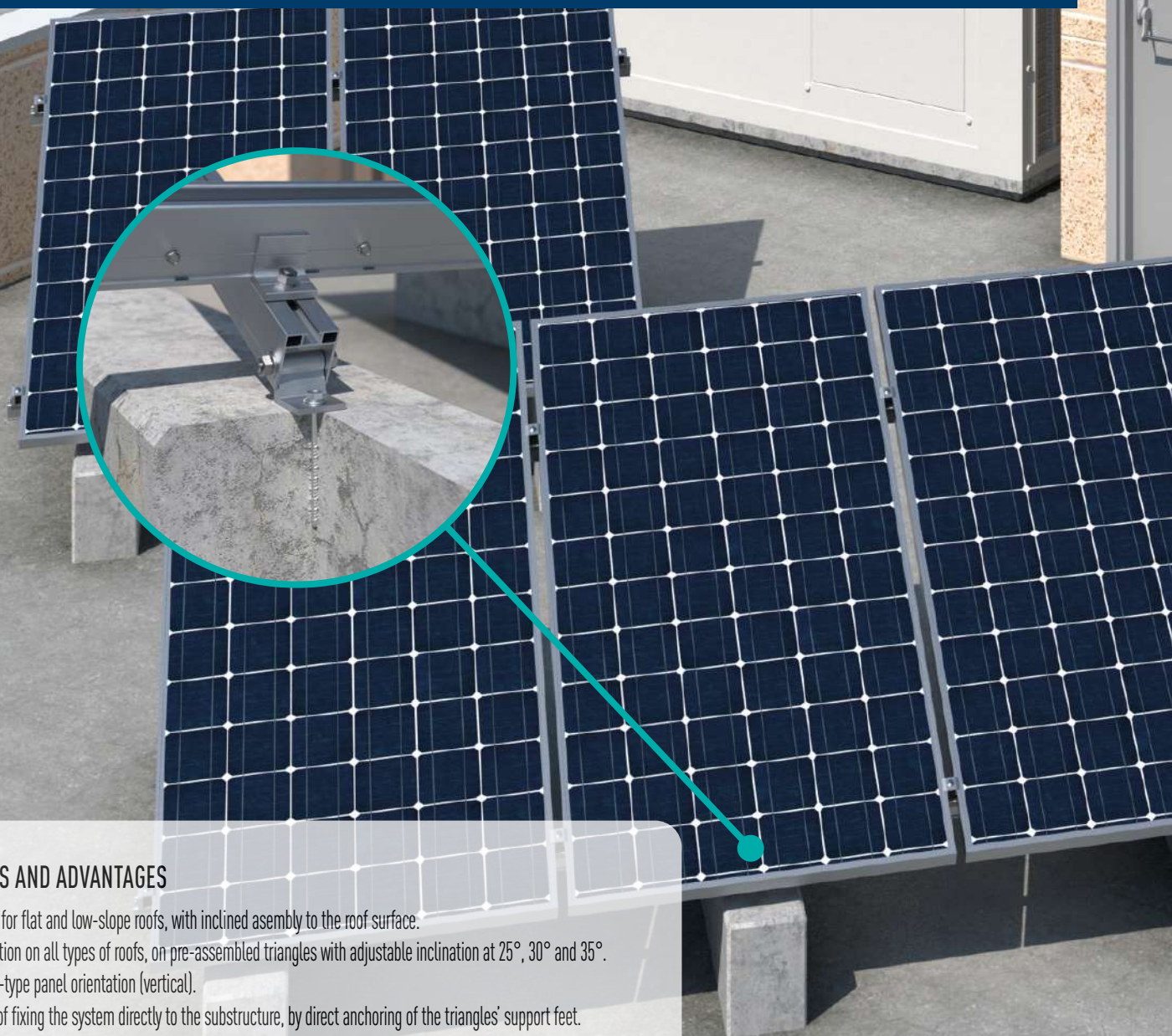
GP-VD





# ST-PSE

**TRIANGULAR WITH PSE-A ALUMINIUM PROFILE.  
ASSEMBLED FIXING.**



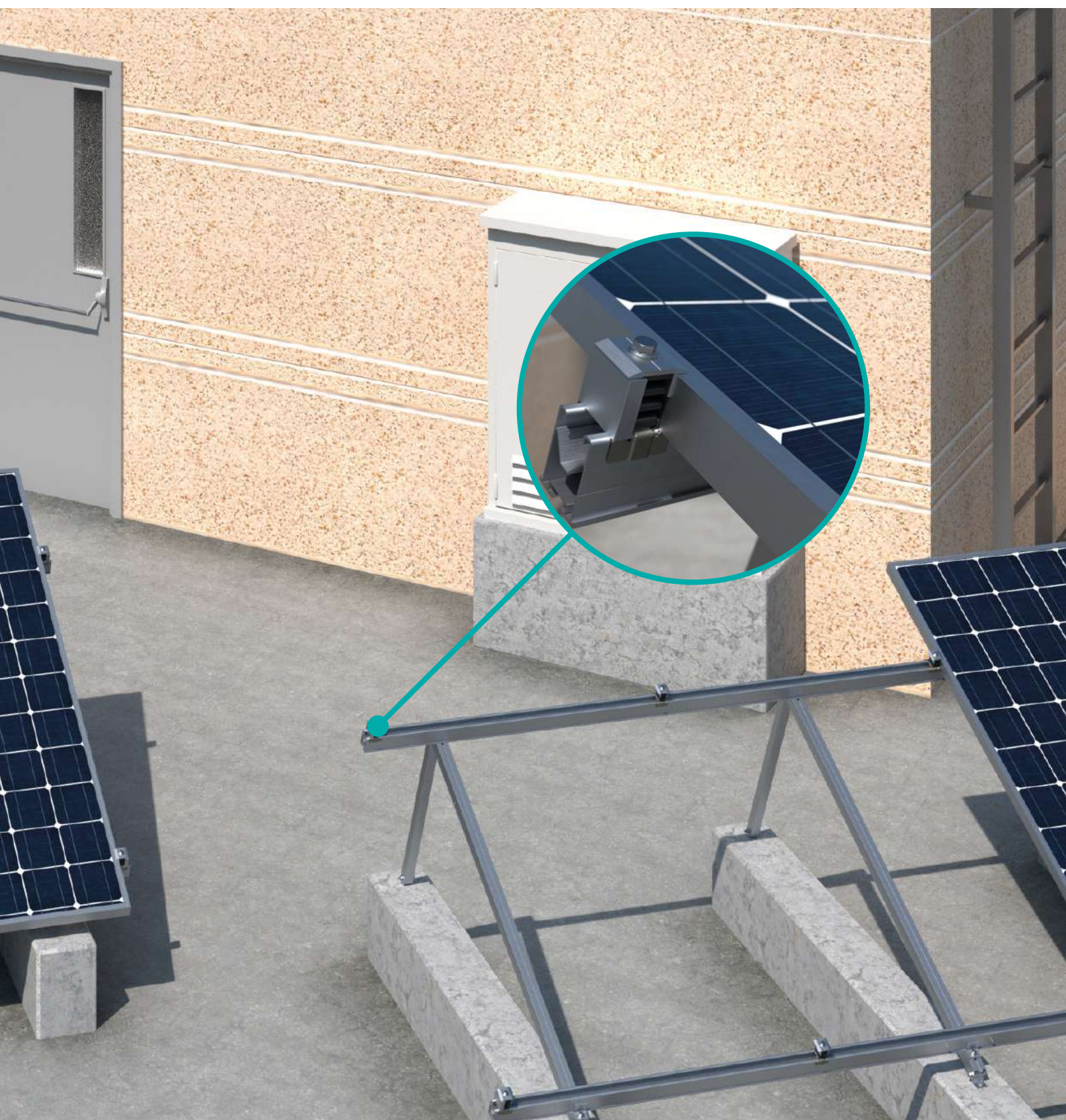
## QUALITIES AND ADVANTAGES

- System for flat and low-slope roofs, with inclined assembly to the roof surface.
- Installation on all types of roofs, on pre-assembled triangles with adjustable inclination at 25°, 30° and 35°.
- Portrait-type panel orientation (vertical).
- Option of fixing the system directly to the substructure, by direct anchoring of the triangles' support feet.
- Option of fixing the system assembled on an auxiliary structure of solar profiles anchored to the substructure, using quick-fixing nuts mounted on the support feet of the triangles.
- Profile arranged in a continuous format to simplify the planning of the installation.
- LENGTHinal connection between profiles using an internal profile and self-drilling screws, without interfering with the fixing of panels.
- Assembly between profiles and triangles using pre-assembled quick-fixing solutions.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.

**DIN-7504-K A2**







SYSTEM COMPONENTS

GM-A



KFR-SC



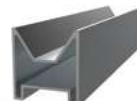
TPA-R



KFS-FL



PSE-UN



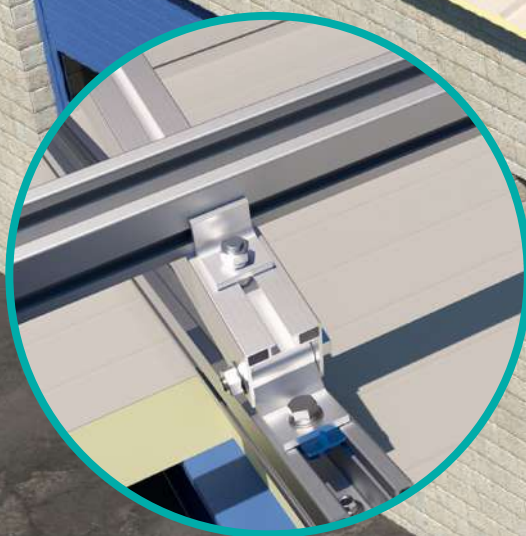
PSE-A





# ST-PSC

**TRIANGULAR SYSTEM WITH PSE-C ALUMINIUM PROFILE.  
PRE-ASSEMBLED FIXING.**



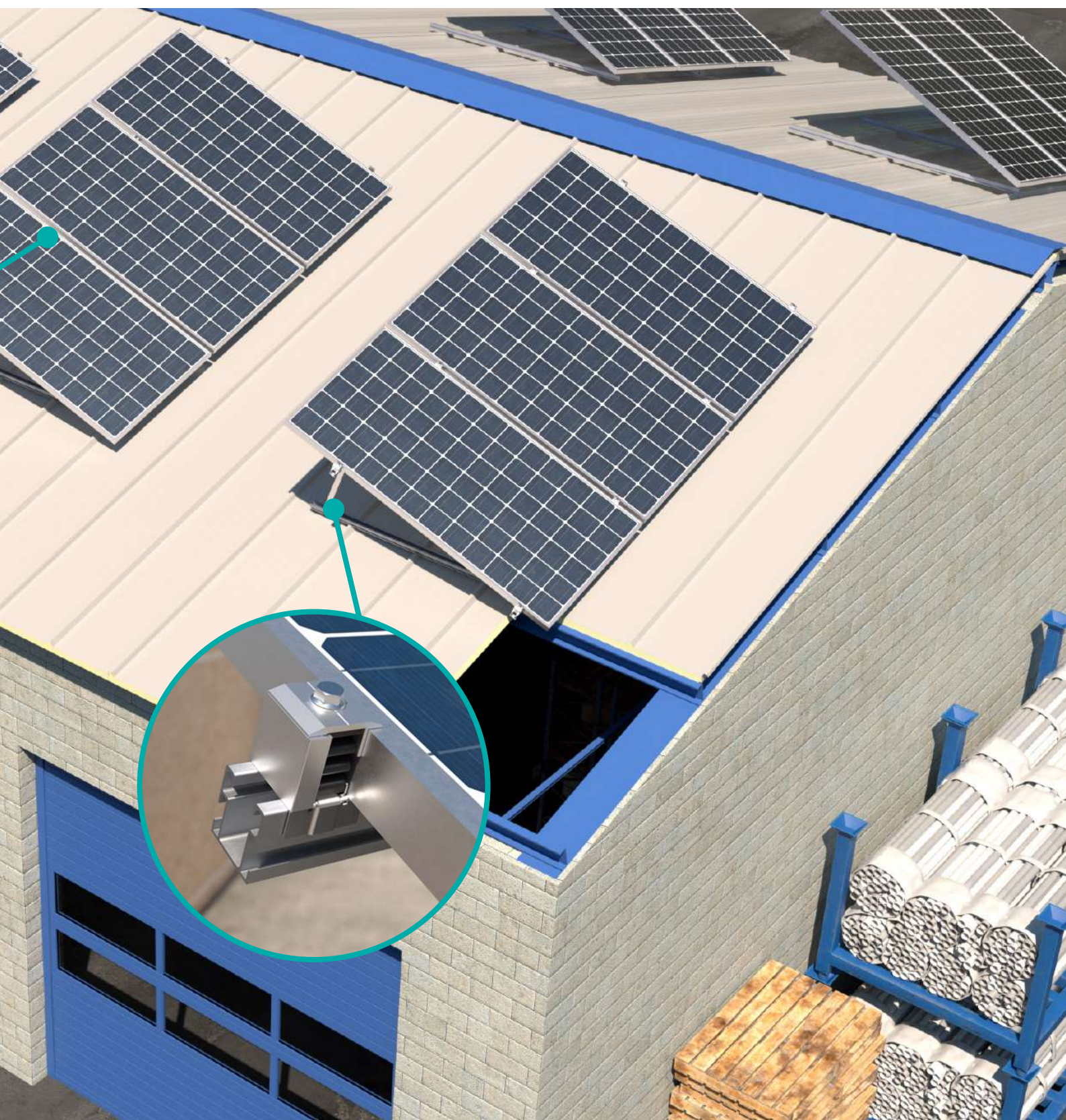
## QUALITIES AND ADVANTAGES

- System for flat and low-gradient roofs, mounted at an angle with respect to the roof.
- Installation on all roof types, on pre-assembled triangles with an angle adjustable to 25°, 30° or 35°.
- Portrait panel orientation (vertical).
- Option of fixing the system directly to the substructure by anchoring the feet of the triangle supports.
- Option of mounting the assembled system on an auxiliary profile frame anchored to the substructure, using fast-fixing nuts mounted on the triangle support feet.
- Profile installed continuously to simplify the planning of the installation.
- Lengthways joint between profiles using an inner profile and self-drilling screws, without obstructing the fixing of the panels.
- Installation of profiles and triangles using pre-assembled fast-fixing solutions.
- Fixing of panels with highly reliable and easily installed innovative solutions that are interchangeable between all the assembly systems.

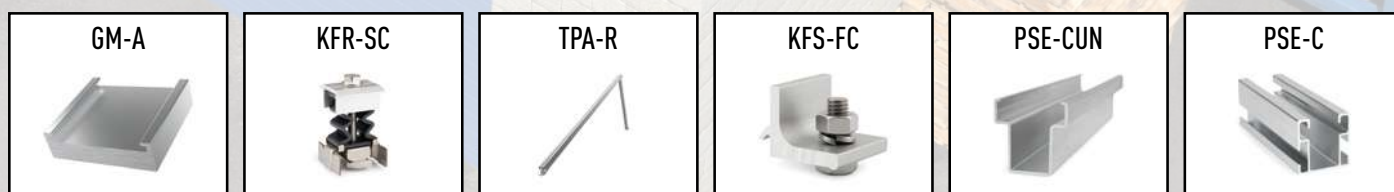
DIN-7504-K A2







SYSTEM COMPONENTS





# ST-GPX

TRIANGULAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M INDEXTRUT SOLAR GP-XS.



DIN-6923 A2



DIN-603 A2



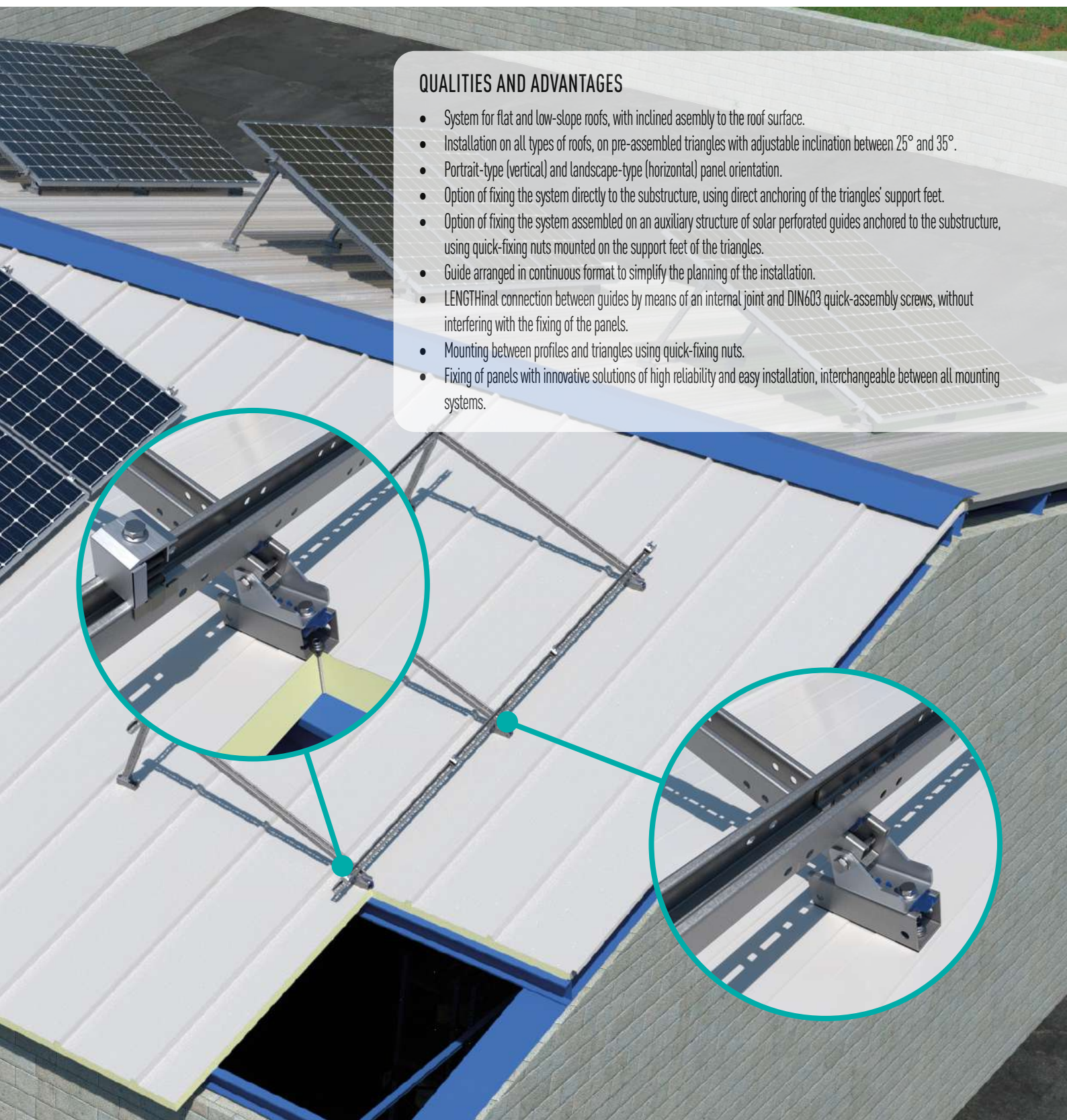
GM-A





## QUALITIES AND ADVANTAGES

- System for flat and low-slope roofs, with inclined assembly to the roof surface.
- Installation on all types of roofs, on pre-assembled triangles with adjustable inclination between 25° and 35°.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Option of fixing the system directly to the substructure, using direct anchoring of the triangles' support feet.
- Option of fixing the system assembled on an auxiliary structure of solar perforated guides anchored to the substructure, using quick-fixing nuts mounted on the support feet of the triangles.
- Guide arranged in continuous format to simplify the planning of the installation.
- LENGTHinal connection between guides by means of an internal joint and DIN603 quick-assembly screws, without interfering with the fixing of the panels.
- Mounting between profiles and triangles using quick-fixing nuts.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.



## SYSTEM COMPONENTS

KFR-SC



DIN-6921 A2



TU-RX A2



TRP-XS



EMP-XS



GP-XS





# ST-PTA

## TRIANGULAR OPEN ALUMINIUM SYSTEM



DIN-7504-K A2





## QUALITIES AND ADVANTAGES

- System for flat, metallic and low-gradient roofs, mounted at an angle with respect to the roof
- Installation on all types of roof using pre-assembled triangles with fixed angle from 5° to 35°.
- Portrait panel orientation (vertical).
- Option of fixing the system directly to the substructure by anchoring the feet of the triangle supports.
- Profile installed continuously to simplify the planning of the installation.
- Lengthways joint between profiles using an inner profile and self-drilling screws, without obstructing the fixing of the panels.
- Installation of profiles and triangles using pre-assembled fast-fixing solutions.
- Fixing of panels with highly reliable and easily installed innovative solutions that are interchangeable between all the assembly systems.



## SYSTEM COMPONENTS

GM-A



KFR-SC



TPA-A



KFS-FC



PSE-CUN



PSE-C





# ST-PTC

## TRIANGULAR CLOSED ALUMINIUM SYSTEM



DIN-7504-K A2





## QUALITIES AND ADVANTAGES

- System for flat, metallic and low-gradient roofs, mounted at an angle with respect to the roof.
- Installation on all types of roof using pre-assembled triangles with fixed angle from 5° to 35°.
- Portrait panel orientation (vertical).
- Option of fixing the system directly to the substructure by anchoring the feet of the triangle supports.
- Profile installed continuously to simplify the planning of the installation.
- Lengthways joint between profiles using an inner profile and self-drilling screws, without obstructing the fixing of the panels.
- Installation of profiles and triangles using pre-assembled fast-fixing solutions.
- Fixing of panels with highly reliable and easily installed innovative solutions that are interchangeable between all the assembly systems.

## SYSTEM COMPONENTS

GM-A



KFR-SC



TPA-C



KFS-FC



PSE-CUN



PSE-C






**CLAMPS FOR PHOTOVOLTAIC MODULES ASSEMBLY**

|                              |   |  |    |
|------------------------------|---|--|----|
| <b>KFR-SC</b>                |    | Quick pre-assembled clamp                      | 39 |
| <b>KFR-SCN</b><br><b>NEW</b> |    | Quick pre-assembled clamp. Black               | 39 |
| <b>KFR-SS</b><br><b>NEW</b>  |    | Simple pre-assembled clamp                     | 39 |
| <b>CL-GS</b><br><b>NEW</b>   |    | Clip for fastening of solar panels by clipping | 39 |
| <b>PGS-A</b>                 |    | Simple clamp                                   | 39 |
| <b>PGS-N</b><br><b>NEW</b>   |    | Simple clamp. Black                            | 39 |
| <b>GM-A</b>                  |   | Aluminium gauge for solar frame                | 39 |
| <b>GM-N</b><br><b>NEW</b>    |  | Aluminium gauge for solar frame. Black         | 40 |

**PROFILES, JOINTS, CHANNELS AND CONNECTORS FOR SUPPORTING STRUCTURE**
**ATLANTIS C4-M STEEL**

|                              |   |  |    |
|------------------------------|---|--|----|
| <b>GP-XS</b>                 |  | INDEXTRUT solar perforated guide. Atlantis C4-M  | 40 |
| <b>GP-XSB</b><br><b>NEW</b>  |  | INDEXTRUT solar perforated guide with butylene adhesive sealing tape                     | 40 |
| <b>EMP-XS</b>                |  | INDEXTRUT solar connector. Atlantis C4-M   | 40 |
| <b>EMP-XSD</b><br><b>NEW</b> |  | INDEXTRUT solar connector with screw DIN-603 A2 and nut DIN-6923 A2                      | 40 |
| <b>GP-VD</b>                 |  | INDEXTRUT solar perforated guide for fixing in discontinuous valley. Atlantis C4-M steel | 40 |

**ALUMINIUM**

|                               |   |   |    |
|-------------------------------|---|---|----|
| <b>PSA-A</b>                  |    | Winged aluminum profile   | 41 |
| <b>PSA-UN</b>                 |    | Winged aluminum profile connector                                       | 41 |
| <b>PSA-UNT</b><br><b>NEW</b>  |     | Aluminium connector for PSA-A profile with screw DIN-7504-K A2          | 41 |
| <b>PSA-AV</b>                 |    | Aluminium profile with wings for discontinuous direct valley fastening  | 41 |
| <b>PSE-A</b>                  |    | Aluminium profile with wings for discontinuous direct valley fastening  | 41 |
| <b>PSE-UN</b>                 |    | Aluminium connector for PSE-A profile                                   | 41 |
| <b>PSE-UNT</b><br><b>NEW</b>  |    | Aluminium connector for PSE-A profile with screw DIN-7504-K A2          | 42 |
| <b>PSE-C</b>                  |  | Aluminium profile for side mounting                                     | 42 |
| <b>PSE-CB</b><br><b>NEW</b>   |  | Aluminium profile for side mounting with butylene adhesive sealing tape | 42 |
| <b>PSE-CUN</b>                |  | Aluminium connector for PSE-C profile                                   | 42 |
| <b>PSE-CUNT</b><br><b>NEW</b> |   | Aluminium connector for PSE-C profile with screw DIN-7504-K A2          | 42 |

**CONNECTORS + ACCESSORIES FOR THE SOLAR STRUCTURES ASSEMBLY**



|                            |   |                                    |    |
|----------------------------|---|------------------------------------|----|
| <b>TP-PS</b><br><b>NEW</b> |  | Lateral cap for solar profile      | 42 |
| <b>KFS-FI</b>              |  | Cross connector for bottom fixing  | 43 |
| <b>KFS-FL</b>              |  | Cross connector for lateral fixing | 43 |



## RANGE OF PRODUCTS FOR SOLAR INSTALLATIONS










|                              |   |   |    |
|------------------------------|---|---|----|
| <b>KFS-FC</b><br><b>NEW</b>  |    | Cross connector for lateral fixing. PSE-C profile                         | 43 |
| <b>TU-RX A2</b>              |    | INDEXTRUT quick nut. Stainless steel A2                                   | 43 |
| <b>DIN-603 A2</b>            |    | Screw DIN-603. Round head screw with square neck. Stainless steel A2      | 43 |
| <b>DIN-6921 A2</b>           |    | Screw DIN-6921. Hexagonal flanged bolt with serration. Stainless steel A2 | 43 |
| <b>DIN-6923 A2</b>           |    | DIN-6923 Hexagonal flange nut with serration. Stainless steel A2          | 43 |
| <b>DIN-127 A2</b>            |    | Grower spring washer DIN-127. Stainless steel A2                          | 44 |
| <b>CL-CCS</b><br><b>NEW</b>  |   | Clip for cable conduction. Simple   | 44 |
| <b>CL-SC</b><br><b>NEW</b>   |  | Clip for fastening connections between cables                             | 44 |
| <b>CL-TT</b><br><b>NEW</b>   |  | Clip for screwless earthing cable   | 44 |
| <b>CL-EX</b><br><b>NEW</b>   |  | Extraction tool for CL solar fixing clips                                 | 44 |
| <b>CL-PG</b><br><b>NEW</b>   |  | Rubber separator between panels for CL-GS clips                           | 44 |
| <b>BBI-SDS</b><br><b>NEW</b> |  | SDS-plus drill bits. Low impact   | 44 |

## TRIANGULAR STRUCTURES FOR THE SOLAR PANELS INSTALLATION

|              |   |   |    |
|--------------|---|---|----|
| <b>TPA-R</b> |  | Pre-assembled and adjustable aluminium triangle   | 45 |
| <b>TPA-P</b> |  | Strut profile for preassembled aluminium triangle | 45 |

|                            |   |   |    |
|----------------------------|---|---|----|
| <b>TRP-XS</b>              |  | Pre-assembled and adjustable triangle INDEXTRUT. Steel with Atlantis C4-M coating | 45 |
| <b>TPA-A</b><br><b>NEW</b> |  | Pre-assembled aluminum open triangle  | 45 |
| <b>TPA-C</b><br><b>NEW</b> |  | Pre-assembled aluminum closed triangle  | 45 |
| <b>NU-XS</b>               |  | Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating                     | 45 |





## ADJUSTABLE ACCESSORIES FOR SOLAR PANELS INSTALLATION

|                            |   |   |    |
|----------------------------|---|---|----|
| <b>GS-TC</b>               |    | Adjustable roof hook for curved roof tile. Stainless steel A2             | 46 |
| <b>GS-TU</b>               |   | Adjustable roof hook for universal roof tile. Stainless steel A2          | 46 |
| <b>GS-TP</b><br><b>NEW</b> |  | Roof hook for flat roof tile. Stainless steel A2                          | 46 |
| <b>GS-PI</b><br><b>NEW</b> |  | Roof hook for slate roofing tile. Stainless steel A2                      | 46 |
| <b>STR</b>                 |  | Adjustable support for trapezoidal roof. Stainless steel A2               | 46 |
| <b>KFS-MA</b>              |  | Double threaded bolt kit. Stainless steel A2                              | 47 |
| <b>KFS-AU</b>              |  | Self-tapping screw kit. Stainless steel A2                                | 47 |
| <b>KFS-RV</b>              |  | Threaded rod kit for chemical anchor installation. Stainless steel A2     | 47 |
| <b>PMO</b>                 |  | Plate for double threaded screw. Stainless steel A2                       | 47 |
| <b>PMO-D</b><br><b>NEW</b> |  | Plate for double threaded screw with screw DIN-603 A2 and nut DIN-6923 A2 | 47 |










|                             |   |  |    |
|-----------------------------|---|--|----|
| <b>PMO-K</b><br><b>NEW</b>  |  | Plate for double threaded screw with cross connector for bottom fixing. Stainless steel A2                     | 48 |
| <b>PMO-L</b>                |  | Aluminium L-shaped plate for lateral fixing. Suitable for PSE-C profile  | 48 |
| <b>PMO-LK</b><br><b>NEW</b> |  | Aluminium L-shaped plate for lateral fixing with cross connector for bottom fixing. Suitable for PSE-C profile | 48 |
| <b>MO-TL</b>                |  | Long sieve for fixing on tile roof + squeegee  | 48 |
| <b>MO-PC</b>                |  | Nozzle extender for chemical fixings   | 48 |




### SEALING ACCESSORIES FOR SOLAR PANEL INSTALLATION

|                            |   |   |    |
|----------------------------|---|---|----|
| <b>ARS-P</b>               |  | Stainless steel A2 umbrella washer + EPDM         | 50 |
| <b>ARS-S</b>               |  | Washer for double threaded bolt                   | 50 |
| <b>CS-B</b>                |  | Butylene adhesive sealing tape                    | 50 |
| <b>MS-IS</b><br><b>NEW</b> |  | Liquid multipurpose hybrid waterproofing membrane | 50 |

### DIRECT FIXING ACCESSORIES FOR SOLAR PANELS INSTALLATION

|                                       |   |  |    |
|---------------------------------------|---|--|----|
| <b>TAC + ARVUL</b>                    |   | Atlantis C4-M thin sheet screw + vulcanised EPDM stainless steel A2 washer                 | 48 |
| <b>TAC BiMETAL+ ARVUL A2</b>          |  | Bi-metal thin sheet screw + vulcanised EPDM-stainless steel A2 washer                      | 49 |
| <b>AUE NI + ARVUL</b>                 |  | Atlantis C4-M self-tapping screw + EPDM-stainless steel vulcanised washer A2               | 49 |
| <b>DIN-7504-K RE NI + ARVUL</b>       |  | Atlantis C4-M reduced point selfdrilling screw + Vulcanised EPDM stainless steel washer A2 | 49 |
| <b>RE-TE</b>                          |  | Watertight trebol rivet + vulcanised EPDM steel washer                                     | 49 |
| <b>PST 3 + ARVUL A2</b><br><b>NEW</b> |  | Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer                 | 49 |
| <b>PST 5 + ARVUL A2</b><br><b>NEW</b> |  | Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer                 | 49 |

### KITS FOR SOLAR INSTALLATIONS

|                             |   |   |    |
|-----------------------------|---|---|----|
| <b>KC-PSA</b>               |    | Coplanar with aluminium flange profile (PSA-A). Direct fixing                                   | 56 |
| <b>KC-PSD</b>               |  | Coplanar with aluminium flange profile (PSA-A). Direct fixing with discontinuous profile format | 56 |
| <b>KC-PSC</b>               |   | Coplanar with aluminium profile PSE-C. Lateral assembled fastener                               | 56 |
| <b>KC-GPX</b>               |   | Coplanar with perforated steel rail Atlantis C4-M INDEXTUT SOLAR GP-XS                          | 56 |
| <b>KC-GPD</b>               |  | Coplanar with Atlantis C4-M INDEXTUT SOLAR GP-XS perforated rail. Discontinuous track format    | 56 |
| <b>KT-PSE</b>               |   | Triangular with PSE-A aluminium profile. Assembled fixing                                       | 57 |
| <b>KT-PSC</b><br><b>NEW</b> |   | Triangular with PSE-C aluminium profile. Assembled fixing                                       | 57 |
| <b>KT-GPX</b>               |   | Triangular with Atlantis C4-M INDEXTUT SOLAR GP-XS perforated guideway.                         | 57 |



## Clamps for photovoltaic modules assembly

ISF-GG

**KFR-SC**

Quick pre-assembled clamp

| CODE      | SIZE (MM) |    |    |     |
|-----------|-----------|----|----|-----|
| KFRSC3050 | 30 - 50   | 13 | 10 | 240 |

**KFR-SCN**

Quick pre-assembled clamp.Black

| CODE       | SIZE (MM) |    |    |     |
|------------|-----------|----|----|-----|
| KFRSCN3050 | 30 - 50   | 13 | 10 | 240 |

**NEW****KFR-SS**

Simple pre-assembled clamp

| CODE      | SCREW SIZE (mm) | MODULE THICKNESS (mm) |    |    |    |
|-----------|-----------------|-----------------------|----|----|----|
| KFRSS0850 | 8 x 50          | 30 y 35               | 13 | 10 | 60 |
| KFRSS0870 | 8 x 70          | 40 y 45               | 13 | 10 | 60 |

**NEW****CL-GS**

Clip for fastening of solar panels by clipping

| CODE     | SIZE (MM) |    |     |
|----------|-----------|----|-----|
| CLGS1522 | 1,5-2,2   | 20 | 240 |

**NEW****PGS-A**

Simple clamp

| CODE   | SIZE (MM) |    |     |
|--------|-----------|----|-----|
| PGSA26 | 26        | 20 | 720 |

**PGS-N**

Simple clamp. Black

| CODE   | SIZE (MM) |    |     |
|--------|-----------|----|-----|
| PGSN26 | 26        | 20 | 720 |

**NEW****GM-A**

Aluminium gauge for solar frame

| CODE   | SIZE (MM) |    |     |
|--------|-----------|----|-----|
| GMA030 | 30        | 10 | 120 |
| GMA035 | 35        | 10 | 120 |
| GMA040 | 40        | 10 | 120 |





## ISF-GG

Clamps for photovoltaic modules assembly



### GM-N

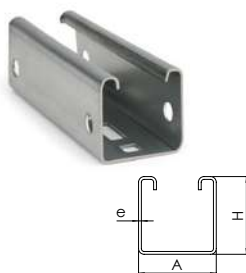
Aluminium gauge for solar frame. Black



| CODE   | SIZE (mm) |  |  |
|--------|-----------|---|---|
| GMN030 | 30        | 10  | 120   |
| GMN035 | 35        | 10  | 120   |
| GMN040 | 40        | 10  | 120   |

## ISF-PU

Profiles, joints, channels and connectors for supporting structure



### GP-XS

INDEXTRUT solar perforated guide. Atlantis C4-M




| CODE        | A x H x e (mm) | LENGTH (mm) |  |
|-------------|----------------|-------------|---|
| GPXS4115012 | 41 x 41 x 1,5  | 125         | 50  |
| GPXS4115125 | 41 x 41 x 1,5  | 1.250       | 10  |
| GPXS4115187 | 41 x 41 x 1,5  | 1.875       | 10  |
| GPXS4115250 | 41 x 41 x 1,5  | 2.500       | 6   |
| GPXS4115362 | 41 x 41 x 1,5  | 3.625       | 6   |



### GP-XSB

INDEXTRUT solar perforated guide with butylene adhesive sealing tape



| CODE        | A x H x e (mm) | LENGTH (mm) | TAPE MEASUREMENT |  |
|-------------|----------------|-------------|------------------|---|
| GPXSB415012 | 41 x 41 x 1,5  | 125         | 40 x 1 - L.10    | 50  |



### EMP-XS

INDEXTRUT solar connector. Atlantis C4-M



| CODE      | VALID FOR GUIDE GP-XS | LENGTH (mm) |  |
|-----------|-----------------------|-------------|---|
| EMPXS4115 | 41 x 1,5              | 120         | 40  |

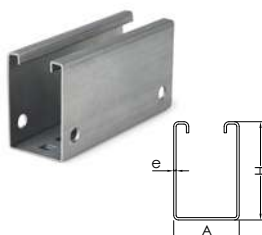


### EMP-XSD

INDEXTRUT solar connector with screw DIN-603 A2 and nut DIN-6923 A2




| CODE       | VALID FOR GUIDE GP-XS | COMPONENT 1 | COMPONENT 2 | COMPONENT 3 | COMPONENT 1 PCS | COMPONENT 2 & 3 PCS | KIT X  |
|------------|-----------------------|-------------|-------------|-------------|-----------------|---------------------|---|
| EMPXSD4115 | 41 x 1,5              | EMPXS4115   | D603I08016  | 6923IM08    | 2               | 8                   | 1   |



### GP-VD

INDEXTRUT solar perforated guide for fixing in discontinuous valley. Atlantis C4-M steel



| CODE        | A x H x e (mm) | LENGTH (mm) |  |
|-------------|----------------|-------------|---|
| GPVD4162012 | 41 x 62 x 2    | 125         | 50  |



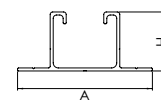
## Profiles, joints, channels and connectors for supporting structure

ISF-PU

**PSA-A**

Winged aluminum profile

| CODE                | A x H (mm) | LENGTH (mm) |    |
|---------------------|------------|-------------|----|
| PSAA0400            | 80 x 35    | 400         | 20 |
| PSAA1250            | 80 x 35    | 1.250       | 2  |
| PSAA1875            | 80 x 35    | 1.875       | 2  |
| PSAA2500            | 80 x 35    | 2.500       | 2  |
| PSAA3625            | 80 x 35    | 3.625       | 2  |
| PSAA4400 <b>NEW</b> | 80 x 35    | 4.400       | 2  |
| PSAA4800 <b>NEW</b> | 80 x 35    | 4.800       | 2  |

**PSA-UN**

Winged aluminum profile connector

| CODE     | LENGTH (mm) | VALID FOR PROFILE |    |
|----------|-------------|-------------------|----|
| PSAUN200 | 200         | PSA-A             | 20 |

**PSA-UNT**

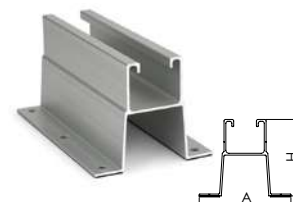
Aluminium connector for PSA-A profile with screw DIN-7504-K A2

| CODE      | LENGTH (mm) | VALID FOR PROFILE | COMPONENT 1 | COMPONENT 2 | COMPONENT 1 PCS | COMPONENT 2 PCS | KIT X |
|-----------|-------------|-------------------|-------------|-------------|-----------------|-----------------|-------|
| PSAUNT200 | 200         | PSA-A             | PSAUN200    | ABE15519    | 2               | 8               | 1     |

**PSA-AV**

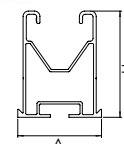
Aluminium profile with wings for discontinuous direct valley fastening

| CODE      | A x H (mm) | LENGTH (mm) |    |
|-----------|------------|-------------|----|
| PSAAV0150 | 90 x 75    | 150         | 20 |

**PSE-A**

Aluminium profile for assembled fixing

| CODE                  | A x H (mm) | LENGTH (mm) |   |
|-----------------------|------------|-------------|---|
| PSEA601250            | 47 x 60    | 1.250       | 2 |
| PSEA601875            | 47 x 60    | 1.875       | 2 |
| PSEA602500            | 47 x 60    | 2.500       | 2 |
| PSEA603625            | 47 x 60    | 3.625       | 2 |
| PSEA604400 <b>NEW</b> | 47 x 60    | 4.400       | 2 |
| PSEA604800 <b>NEW</b> | 47 x 60    | 4.800       | 2 |

**PSE-UN**

Connector for aluminium profile for assembled fixing

| CODE       | SIZE (mm) | VALID FOR PROFILE |    |
|------------|-----------|-------------------|----|
| PSEUN60200 | 60 x 200  | PSE-A             | 20 |





## ISF-PU

Profiles, joints, channels and connectors for supporting structure

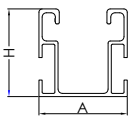
**NEW**


### PSE-UNT

Aluminium connector for PSE-A profile with screw DIN-7504-K A2



| CODE        | SIZE (mm) | VALID FOR PROFILE |   |
|-------------|-----------|-------------------|---|
| PSEUNT60200 | 60 x 200  | PSE-A             | 2 |



### PSE-C

Aluminium profile for side mounting



| CODE                  | A x H (mm) | LENGTH (mm) |    |
|-----------------------|------------|-------------|----|
| PSEC410125            | 41 x 41    | 125         | 20 |
| PSEC410200            | 41 x 41    | 200         | 20 |
| PSEC411250            | 41 x 41    | 1.250       | 2  |
| PSEC411875            | 41 x 41    | 1.875       | 2  |
| PSEC412500            | 41 x 41    | 2.500       | 2  |
| PSEC413625            | 41 x 41    | 3.625       | 2  |
| PSEC414400 <b>NEW</b> | 41 x 41    | 4.400       | 2  |
| PSEC414800 <b>NEW</b> | 41 x 41    | 4.800       | 2  |

**NEW**


### PSE-CB

Aluminium profile for side mounting with butylene adhesive sealing tape



| CODE        | A x H (mm) | LENGTH (mm) | TAPE MEASUREMENT |    |
|-------------|------------|-------------|------------------|----|
| PSECB410125 | 41 x 41    | 125         | 40 x 1 - L.10    | 20 |
| PSECB410200 | 41 x 41    | 200         | 40 x 1 - L.10    | 20 |



### PSE-CUN

Aluminium connector for PSE-C profile



| CODE      | SIZE (mm) | VALID FOR PROFILE |    |
|-----------|-----------|-------------------|----|
| PSECUN200 | 200       | PSE-C             | 10 |

**NEW**


### PSE-CUNT

Aluminium connector for PSE-C profile with screw DIN-7504-K A2



| CODE       | SIZE (mm) | VALID FOR PROFILE | COMPONENT 1 | COMPONENT 2 | COMPONENT 1 PCS | COMPONENT 2 PCS | KIT X |
|------------|-----------|-------------------|-------------|-------------|-----------------|-----------------|-------|
| PSECUNT200 | 200       | PSE-C             | PSECUN200   | ABEI5519    | 2               | 8               | 1     |

## ISF-CC

Connectors + Accessories for the solar structures assembly

**NEW**


### TP-PS

Lateral cap for solar profile



| CODE   | VALID FOR     |    |
|--------|---------------|----|
| TPGPXS | Profile GP-XS | 20 |
| TPPSEC | Profile PSE-C | 20 |
| TPPSEA | Profile PSE-A | 20 |
| TPPSAA | Profile PSA-A | 20 |



## Connectors + Accessories for the solar structures assembly

## ISF-CC

**KFS-FI**

Cross connector for bottom fixing

| CODE     | SIZE |     |     |
|----------|------|-----|-----|
| KFSFIM08 | M8   | 100 | 900 |

**KFS-FL**

Cross connector for lateral fixing

| CODE     | SIZE |    |    |
|----------|------|----|----|
| KFSFLM08 | M8   | 10 | 80 |

**KFS-FC**

Cross connector for lateral fixing. PSE-C profile

| CODE       | SIZE   |    |    |
|------------|--------|----|----|
| KFSFCM0820 | 8 x 20 | 10 | 80 |

**TU-RX A2**

INDEXTRUT quick nut. Stainless steel A2

| CODE     | SIZE |    |     |
|----------|------|----|-----|
| TURXA208 | M8   | 50 | 300 |

**DIN-603 A2**

Screw DIN-603. Round head screw with square neck. Stainless steel A2

| CODE       | SIZE    |     |       |
|------------|---------|-----|-------|
| D603I08016 | M8 x 16 | 200 | 2.400 |

**DIN-6921 A2**

Screw DIN-6921. Hexagonal flanged bolt with serration. Stainless steel A2

| CODE       | SIZE    |     |       |
|------------|---------|-----|-------|
| 6921I08020 | M8 x 20 | 200 | 2.400 |
| 6921I08050 | M8 x 50 | 100 | 600   |
| 6921I08070 | M8 x 70 | 100 | 600   |

**DIN-6923 A2**

DIN-6923 Hexagonal flange nut with serration. Stainless steel A2

| CODE      | SIZE |     |       |
|-----------|------|-----|-------|
| D6923IM08 | M8   | 250 | 3.000 |
| D6923IM10 | M10  | 250 | 3.000 |
| D6923IM12 | M12  | 250 | 1.500 |





# ISF-CC

Connectors + Accessories for the solar structures assembly



## DIN-127 A2

Grower spring washer DIN-127. Stainless steel A2



| CODE     | SIZE |     |       |
|----------|------|-----|-------|
| D127IM08 | M8   | 200 | 9.000 |
| D127IM10 | M10  | 100 | 4.500 |
| D127IM12 | M12  | 100 | 4.500 |

**NEW**


## CL-CCS

Clip for cable conduction. Simple



| CODE      | SIZE |    |     |
|-----------|------|----|-----|
| CLCCS0616 | 6-16 | 20 | 480 |

**NEW**


## CL-SC

Clip for fastening connections between cables



| CODE     | SIZE  |    |     |
|----------|-------|----|-----|
| CLSC1722 | 17-22 | 20 | 480 |

**NEW**


## CL-TT

Clip for screwless earthing cable



| CODE   | SIZE |    |     |
|--------|------|----|-----|
| CLTT01 | 1    | 20 | 900 |

**NEW**


## CL-EX

Extraction tool for CL solar fixing clips



| CODE   | SIZE          |   |    |
|--------|---------------|---|----|
| CLEX01 | 350 x 80 x 40 | 1 | 12 |

**NEW**


## CL-PG

Rubber separator between panels for CL-GS clips



| CODE     | SIZE |    |   |
|----------|------|----|---|
| CLPG4120 | 20mm | 10 | - |

**NEW**


## BBI-SDS

SDS-plus drill bits. Low impact

| CODE         | SIZE     |   |    |
|--------------|----------|---|----|
| BBI-SDS10210 | 10 x 210 | 1 | 50 |
| BBI-SDS16400 | 16 x 400 | 1 | 25 |



## Triangular structures for the solar panels installation

## ISF-TR



## TPA-R

Pre-assembled and adjustable aluminium triangle

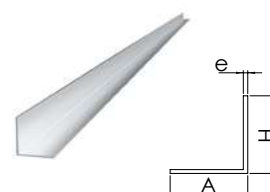
| CODE       | LENGTH<br>(mm) | INCLINATION     | VALID FOR GUIDE |   |
|------------|----------------|-----------------|-----------------|---|
| TPAR251500 | 1.500          | 25° / 30° / 35° | PSE-A           | 4 |



## TPA-P

Strut profile for pre-assembled aluminium triangle

| CODE       | A x H<br>(mm) | LENGTH<br>(mm) | e<br>(mm) |    |
|------------|---------------|----------------|-----------|----|
| TPAP352000 | 35 x 35       | 2.000          | 2         | 10 |



## TRP-XS

Pre-assembled and adjustable triangle INDEXTRUT. Steel with Atlantis C4-M coating

| CODE        | LENGTH<br>(mm) | INCLINATION | VALID FOR GUIDE |   |
|-------------|----------------|-------------|-----------------|---|
| TRPXS412515 | 1.500          | 25° - 35°   | GP-XS           | 4 |



## TPA-A

Pre-assembled aluminum open triangle

| CODE       | LENGTH<br>(mm) | INCLINATION | VALID FOR GUIDE |   |
|------------|----------------|-------------|-----------------|---|
| TPAA151750 | 1.750          | 15°         | PSE-C y PSE-A   | 4 |
| TPAA301750 | 1.750          | 30°         | PSE-C y PSE-A   | 4 |
| TPAA151230 | 1.230          | 15°         | PSE-C y PSE-A   | 4 |
| TPAA301230 | 1.230          | 30°         | PSE-C y PSE-A   | 4 |



For other angles and dimensions, please ask your sales representative



## TPA-C

Pre-assembled aluminum closed triangle

| CODE       | LENGTH<br>(mm) | INCLINATION | VALID FOR GUIDE |   |
|------------|----------------|-------------|-----------------|---|
| TPAC151750 | 1.750          | 15°         | PSE-C y PSE-A   | 4 |
| TPAC301750 | 1.750          | 30°         | PSE-C y PSE-A   | 4 |
| TPAC151230 | 1.230          | 15°         | PSE-C y PSE-A   | 4 |
| TPAC301230 | 1.230          | 30°         | PSE-C y PSE-A   | 4 |



For other angles and dimensions, please ask your sales representative



## NU-XS

Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating

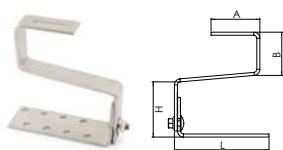
| CODE      | METRIC | VALID FOR GUIDE |    |     |
|-----------|--------|-----------------|----|-----|
| NUXSM0841 | M8     | GP-XS           | 10 | 100 |





# ISF-FR

## Adjustable accessories for solar panels installation



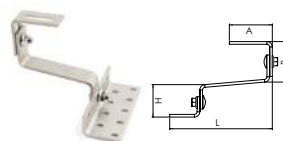
Now with new packaging

### GS-TC

Adjustable roof hook for curved roof tile. Stainless steel A2



| CODE                  | ADJUSTABLE MEASUREMENT<br>(H) (mm) | A<br>(mm) | B<br>(mm) | L<br>(mm) |    |
|-----------------------|------------------------------------|-----------|-----------|-----------|----|
| GSTC040080            | 40 - 80                            | 80        | 70        | 155       | 20 |
| GSTC040810 <b>NEW</b> | 40 - 80                            | 80        | 70        | 155       | 10 |
| GSTC040801 <b>NEW</b> | 40 - 80                            | 80        | 70        | 155       | 1  |
| GSTC080120            | 80 - 120                           | 80        | 70        | 155       | 20 |
| GSTC081210 <b>NEW</b> | 80 - 120                           | 80        | 70        | 155       | 10 |
| GSTC081201 <b>NEW</b> | 80 - 120                           | 80        | 70        | 155       | 1  |



Now with new packaging

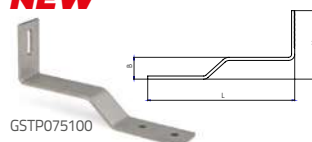
### GS-TU

Adjustable roof hook for universal roof tile. Stainless steel A2



| CODE                  | ADJUSTABLE MEASUREMENT<br>(H) (mm) | A<br>(mm) | B<br>(mm) | L<br>(mm) |    |
|-----------------------|------------------------------------|-----------|-----------|-----------|----|
| GSTU040055            | 40 - 55                            | 80        | 50 - 80   | 191       | 20 |
| GSTU040510 <b>NEW</b> | 40 - 55                            | 80        | 50 - 80   | 191       | 10 |
| GSTU040501 <b>NEW</b> | 40 - 55                            | 80        | 50 - 80   | 191       | 1  |

**NEW**



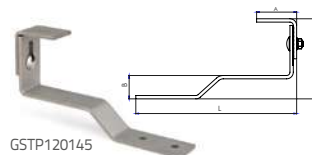
GSTP075100

### GS-TP

Roof hook for flat roof tile. Stainless steel A2



| CODE       | ADJUSTABLE MEASUREMENT<br>(H) (mm) | B<br>(mm) | L<br>(mm) |    |
|------------|------------------------------------|-----------|-----------|----|
| GSTP075100 | 75 - 100                           | 35        | 235       | 20 |
| GSTP120145 | 120 - 145                          | 35        | 240       | 20 |



GSTP120145

**NEW**



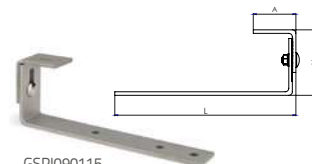
GSPI040065

### GS-PI

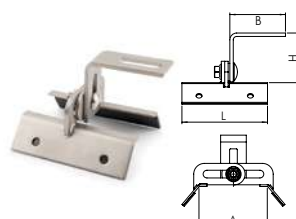
Roof hook for slate roofing tile. Stainless steel A2



| CODE       | ADJUSTABLE MEASUREMENT<br>(H) (mm) | A<br>(mm) | L<br>(mm) |    |
|------------|------------------------------------|-----------|-----------|----|
| GSPI040065 | 40 - 65                            | -         | 250       | 20 |
| GSPI090115 | 90 - 115                           | 60        | 255       | 20 |



GSPI090115



### STR

Adjustable support for trapezoidal roof. Stainless steel A2



| CODE    | ADJUSTABLE MEASUREMENT<br>WIDTH (A) (MM) | ADJUSTABLE MEASUREMENT<br>HEIGHT (H) (MM) | B<br>(mm) | L<br>(mm) |    |
|---------|--|---|-----------|-----------|----|
| STR1680 | 16 - 80                                  | 35 - 60                                   | 65        | 100       | 40 |



## Adjustable accessories for solar panels installation

ISF-FR

**KFS-MA**

Double threaded bolt kit. Stainless steel A2

| CODE                   | SIZE (mm) |    |     |
|------------------------|-----------|----|-----|
| KFSMA10200             | 10 x 200  | 25 | 150 |
| KFSMA102010 <b>NEW</b> | 10 x 200  | 10 | -   |
| KFSMA102002 <b>NEW</b> | 10 x 200  | 2  | -   |
| KFSMA10250             | 10 x 250  | 25 | 150 |
| KFSMA102510 <b>NEW</b> | 10 x 250  | 10 | -   |
| KFSMA102502 <b>NEW</b> | 10 x 250  | 2  | -   |
| KFSMA12300             | 12 x 300  | 25 | 75  |
| KFSMA12350             | 12 x 350  | 25 | 75  |

**Now with new packaging****KFS-AU**

Self-tapping screw kit. Stainless steel A2

| CODE       | SIZE (mm) |    |     |
|------------|-----------|----|-----|
| KFSAU10160 | 10 x 160  | 25 | 150 |
| KFSAU10200 | 10 x 200  | 25 | 75  |

**KFS-RV**

Threaded rod kit for chemical anchor installation. Stainless steel A2

| CODE       | SIZE (mm) |    |     |
|------------|-----------|----|-----|
| KFSRV10250 | 10 x 250  | 25 | 150 |
| KFSRV12350 | 12 x 350  | 25 | 75  |

**PMO**

Plate for double threaded screw. Stainless steel A2

| CODE    | VALID FOR | A (mm) | B (mm) | e (mm) |    |     |
|---------|-----------|--------|--------|--------|----|-----|
| PMO1012 | M10 -M12  | 30     | 82,5   | 5      | 25 | 300 |

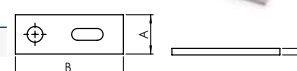
**PMO-D**

Plate for double threaded screw with screw DIN-603 A2 and nut DIN-6923 A2

| CODE       | VALID FOR | COMPONENT 1 | COMPONENT 2 | COMPONENT 3 | PCS OF EACH COMPONENT |    |
|------------|-----------|-------------|-------------|-------------|-----------------------|----|
| PMOD101210 | M10 -M12  | PMO1012     | D603I08016  | D6923IM08   | 10                    | 10 |
| PMOD101202 | M10 -M12  | PMO1012     | D603I08016  | D6923IM08   | 2                     | 2  |

**NEW****PMO-K**

Plate for double threaded screw with cross connector for bottom fixing. Stainless steel A2

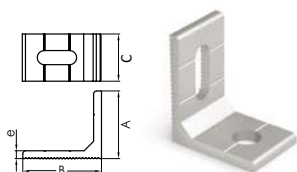
| CODE       | VALID FOR | COMPONENT 1 | COMPONENT 2 | PCS OF EACH COMPONENT |    |
|------------|-----------|-------------|-------------|-----------------------|----|
| PMOK101210 | M10 -M12  | PMO1012     | KFSFIM08    | 10                    | 10 |
| PMOK101202 | M10 -M12  | PMO1012     | KFSFIM08    | 2                     | 2  |

**NEW**



## ISF-FR

Adjustable accessories for solar panels installation



### PMO-L



Aluminium L-shaped plate for lateral fixing. Suitable for PSE-C profile

| CODE     | VALID FOR | VALID FOR PERFIL | A (mm) | B (mm) | e (mm) |    |     |
|----------|-----------|------------------|--------|--------|--------|----|-----|
| PMOL1012 | M10 -M12  | PSE-C            | 43     | 50     | 5      | 25 | 300 |

**NEW**


### PMO-LK



Aluminium L-shaped plate for lateral fixing with cross connector for bottom fixing. Suitable for PSE-C profile

| CODE        | VALID FOR | VALID FOR PERFIL | COMPONENT 1 | COMPONENT 2 | PCS OF EACH COMPONENT |    |
|-------------|-----------|------------------|-------------|-------------|-----------------------|----|
| PMOLK101210 | M10 -M12  | PSE-C            | PMOL1012    | KFSFIM08    | 10                    | 10 |
| PMOKL101202 | M10 -M12  | PSE-C            | PMOL1012    | KFSFIM08    | 2                     | 2  |

### MO-TL

Long sieve for fixing on tile roof + squeegee



| CODE      | SIZE (mm) |    |     |
|-----------|-----------|----|-----|
| MOTL16330 | 16 x 330  | 10 | 500 |

### MO-PC

Nozzle extender for chemical fixings



| CODE    | SIZE (mm) |    |     |
|---------|-----------|----|-----|
| MOPC185 | 185       | 12 | 240 |

## ISF-FD

Direct fixing accessories for solar panels installation



### TAC + ARVUL



Atlantis C4-M thin sheet screw + vulcanised EPDM washer

| CODE       | SIZE         |     |       |
|------------|--------------|-----|-------|
| TACN165525 | 5.5 x 25 P16 | 500 | 2.000 |



## Direct fixing accessories for solar panels installation

ISF-FD

**TAC BIMETAL + ARVUL A2**

Bi-metal thin sheet screw + vulcanised EPDM-stainless steel A2 washer

| CODE       | SIZE       |     |       |
|------------|------------|-----|-------|
| TACB166025 | 6 x 25 P16 | 500 | 2.000 |

**AUE NI + ARVUL**

Atlantis C4-M self-tapping screw + EPDM-stainless steel vulcanised washer A2

| CODE        | SIZE         |     |       |
|-------------|--------------|-----|-------|
| AUENI166325 | 6,3 x 25 P16 | 500 | 2.000 |

**DIN-7504-K RE NI + ARVUL**

Atlantis C4-M reduced point self-drilling screw + Vulcanised EPDM-stainless steel washer A2

| CODE        | SIZE         |     |       |
|-------------|--------------|-----|-------|
| ARENI166325 | 6,3 x 25 P16 | 500 | 3.000 |



EPDM

**RE-TE**

Watertight trebol rivet + vulcanised EPDM steel washer

| CODE     | SIZE     |     |       |
|----------|----------|-----|-------|
| RETE5220 | 5,2 x 20 | 250 | 3.000 |



EPDM

**PST 3 + ARVUL A2**

Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer

| CODE       | SIZE          |     |       |
|------------|---------------|-----|-------|
| PST1655060 | 5,5/6,3 x 60  | 100 | 1.200 |
| PST1655082 | 5,5/6,3 x 82  | 100 | 600   |
| PST1655098 | 5,5/6,3 x 98  | 100 | 600   |
| PST1655115 | 5,5/6,3 x 115 | 100 | 600   |

**NEW**

EPDM

**PST 5 + ARVUL A2**

Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer

| CODE        | SIZE          |     |       |
|-------------|---------------|-----|-------|
| PSTL1655075 | 5,5/6,3 x 75  | 100 | 1.200 |
| PSTL1655085 | 5,5/6,3 x 85  | 100 | 600   |
| PSTL1655105 | 5,5/6,3 x 105 | 100 | 600   |
| PSTL1655130 | 5,5/6,3 x 130 | 100 | 600   |

**NEW**



## ISF-ES

Sealing accessories for solar panel installation



### ARS-P

Stainless steel A2 umbrella washer + EPDM



| CODE   | VALID FOR |     |       |
|--------|-----------|-----|-------|
| ARSP08 | M8        | 100 | 1.200 |
| ARSP10 | M10       | 100 | 1.200 |



### ARS-S

Washer for double threaded bolt



| CODE   | VALID FOR |     |     |
|--------|-----------|-----|-----|
| ARSS10 | M10       | 100 | 600 |
| ARSS12 | M12       | 100 | 600 |



### CS-B

Butylene adhesive sealing tape



| CODE       | WIDTH (mm) | THICKNESS (mm) | LENGTH (METERS) |   |    |
|------------|------------|----------------|-----------------|---|----|
| CSB0104010 | 40         | 1              | 10              | 1 | 27 |
| CSB0108010 | 80         | 1              | 10              | 1 | 18 |

**NEW**


### MS-IS

Liquid multipurpose hybrid waterproofing membrane

| CODE    | COLOR | SIZE |   |   |
|---------|-------|------|---|---|
| MSISG01 |       | 1 KG | 1 | 6 |
| MSIST01 |       | 1KG  | 1 | 6 |
| MSISG05 |       | 5 KG | 1 | 6 |
| MSIST05 |       | 5 KG | 1 | 6 |



Can be tiled over



Applicable with brush, roller or spatula



For indoor and outdoor use



Can be applied to wet surfaces



UV-resistant



Rain-resistant in 3h



# SOLAR Kits

## CHEAPER, LESS WASTE

### HOW DOES IT WORK?

We have kits for 2 or 3 panels (original kits) for different types of installations (coplanar and triangular).

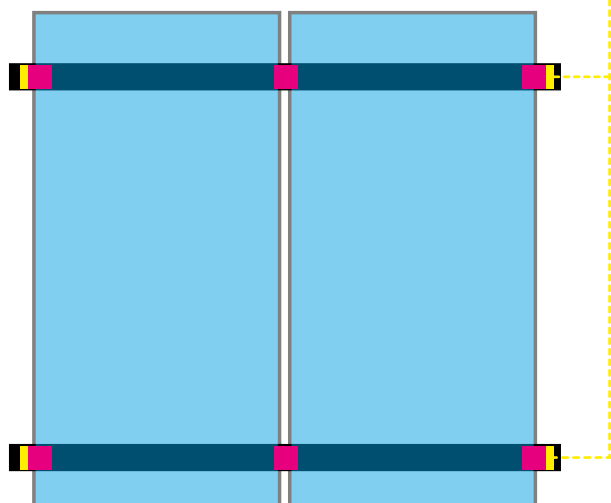
If you need to install more than 2 or 3 panels, we have expansion kits, which allow you to increase the number of panels to be installed, but without incurring unnecessary costs.

### WHAT ARE EXTENSION KITS?

They are kits that contain everything necessary to make the extension to the 2 and 3 plate kits, but eliminating unnecessary products (staples and duplicate gauges), and therefore saving costs and avoiding waste.

### EXAMPLE:

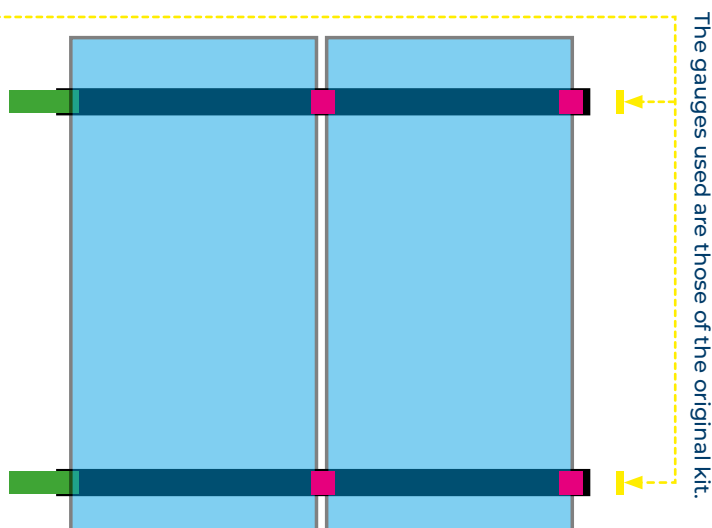
#### ORIGIN KIT 2 PLATES



##### Content:

- ■ 4 x Profiles
- ■ 6 x Staples
- ■ 4 x Gauge
- ■ 2 x Connector

#### EXTENSION KIT 2 PLATES



##### Content:

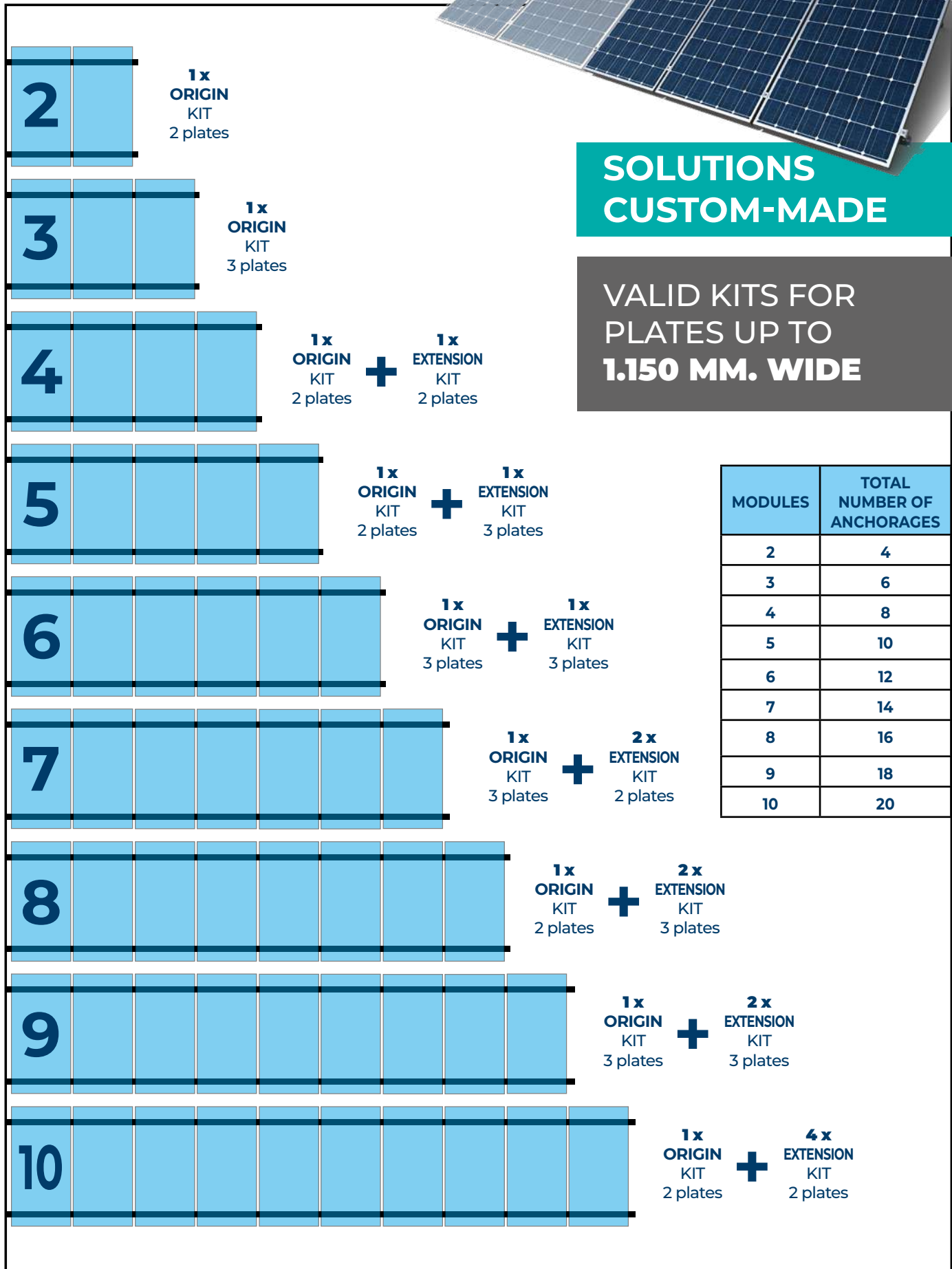
- ■ 4 x Profiles
- ■ 4 x Staples\*
- ■ 4 x Connector

\*Intermediate clamp shared with that of the original kit.





## HOW TO COMBINE KITS?








**SOLUTIONS  
CUSTOM-MADE**

**VALID KITS FOR  
PLATES UP TO  
1.150 MM. WIDE**








# Ask about the components of each kit

## KC-PSA







|                  |                    | Coplanar with winged aluminum profile (PSA-A). Direct fixing                                |   |        |        |  |          |   |  |
|------------------|--------------------|---|---|--------|--------|--|----------|---|--|
|                  |                    | KF-RSC<br> | GM-A<br> |        |        | PSA-A<br> |          | PSA-UN<br> | DIN-7504-K A2<br> |
|                  |                    | KFRSC3050   | GMA030  | GMA035 | GMA040 | PSAA1250   | PSAA1875 | PSAUN200  | ABEI5519   |
| KC-PSA           | KCPSA0230 (H=30mm) | 6   | 4   |        |        | 4  |          | 2   | 8  |
|                  | KCPSA0235 (H=35mm) | 6   |   | 4      |        | 4  |          | 2   | 8  |
|                  | KCPSA0240 (H=40mm) | 6   |   |        | 4      | 4  |          | 2   | 8  |
|                  | KCPSA0330 (H=30mm) | 8   | 4   |        |        |  | 4        | 2   | 8  |
|                  | KCPSA0335 (H=35mm) | 8   |   | 4      |        |  | 4        | 2   | 8  |
|                  | KCPSA0340 (H=40mm) | 8   |   |        | 4      |  | 4        | 2   | 8  |
| KC-PSA Extension | KCPSA02AM          | 4   | -   |        |        | 4  |          | 4   | 16   |
|                  | KCPSA03AM          | 6   | -   |        |        |  | 4        | 4   | 16   |

## KC-PSC




|                  |                    | Coplanar with aluminium profile PSE-C. Lateral assembled fastening                            |   |        |        |  |            |  |  |
|------------------|--------------------|---|---|--------|--------|--|------------|--|--|
|                  |                    | KF-RSC<br> | GM-A<br> |        |        | PSE-C<br> |            | PSE-CUN<br> | DIN-7504-K A2<br> |
|                  |                    | KFRSC3050   | GMA030  | GMA035 | GMA040 | PSEC411250   | PSEC411875 | PSECUN200  | ABEI5519   |
| KC-PSC           | KCPSC0230 (H=30mm) | 6   | 4   |        |        | 4  |            | 2  | 8  |
|                  | KCPSC0235 (H=35mm) | 6   |   | 4      |        | 4  |            | 2  | 8  |
|                  | KCPSC0240 (H=40mm) | 6   |   |        | 4      | 4  |            | 2  | 8  |
|                  | KCPSC0330 (H=30mm) | 8   | 4   |        |        |  | 4          | 2  | 8  |
|                  | KCPSC0335 (H=35mm) | 8   |   | 4      |        |  | 4          | 2  | 8  |
|                  | KCPSC0340 (H=40mm) | 8   |   |        | 4      |  | 4          | 2  | 8  |
| KC-PSC Extension | KCPSC02AM          | 4   | -   |        |        | 4  |            | 4  | 16   |
|                  | KCPSC03AM          | 6   | -   |        |        |  | 4          | 4  | 16   |

# Ask about the components of each kit




## KC-GPX

| Coplanar with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS        |   |        |        |   |             |   |   |   |
|---|---|--------|--------|---|-------------|---|---|---|
| KF-RSC  | GM-A  |        |        | GP-XS   |             | EMP-XS  | DIN-603 A2  | DIN-6923 A2   |
|  |  |        |        |  |             |  |  |  |
| KFRSC3050   | GMA030  | GMA035 | GMA040 | GPXS4115125   | GPXS4115187 | EMPXS4115   | D603I08016  | D6923I08  |
| 6   | 4   |        |        | 4   |             | 2   | 8   | 8   |
| 6   |   | 4      |        | 4   |             | 2   | 8   | 8   |
| 6   |   |        | 4      | 4   |             | 2   | 8   | 8   |
| 8   | 4   |        |        |   | 4           | 2   | 8   | 8   |
| 8   |   | 4      |        |   | 4           | 2   | 8   | 8   |
| 8   |   |        | 4      |   | 4           | 2   | 8   | 8   |
| 4   | -   |        |        | 4   |             | 4   | 16  | 16  |
| 6   | -   |        |        |   | 4           | 4   | 16  | 16  |








## KC-PSD

| Coplanar with aluminium profile PSE-C. Lateral assembled fastening                  |        |   |        |   |
|---|--------|---|--------|---|
| KF-RSC  |        | GM-A  |        | PSA-A   |
|  |        |  |        |  |
| KFRSC3050   | GMA030 | GMA035  | GMA040 | PSAA0400  |
| 4   | 4      |   |        | 4   |
| 4   |        | 4   |        | 4   |
| 4   |        |   | 4      | 4   |
| 2   | -      |   |        | 2   |

## KC-GPD

| KC-GPD              |                       | Coplanar with perforated steel channel Atlantis C4-M.<br>Discontinuous channel format |   |        |   |             |
|---------------------|-----------------------|---|---|--------|---|-------------|
|                     |                       | KF-RSC  | GM-A  |        | GP-XS   |             |
|                     |                       |  |  |        |  |             |
|                     |                       | KFRSC3050   | GMA030  | GMA035 | GMA040  | GPXS4115012 |
| KC-GPD              | KCGPD0130<br>(H=30mm) | 4   | 4   |        |   | 4           |
|                     | KCGPD0135<br>(H=35mm) | 4   |   | 4      |   | 4           |
|                     | KCGPD0140<br>(H=40mm) | 4   |   |        | 4   | 4           |
| KC-GPD<br>Extension | KCGPD01AM             | 2   | -   |        |   | 2           |

## KT-PSE








| Triangular with PSE-A aluminium profile. Assembled fixing                           |   |        |        |   |            |  |   |   |   |
|---|---|--------|--------|---|------------|--|---|---|---|
| KF-RSC  | GM-A  |        |        | PSE-A   |            | PSE-UN   | DIN-7504-K A2   | KFS-FL  | TPA-R   |
|  |  |        |        |  |            |  |  |  |  |
| KFRSC3050   | GMA030  | GMA035 | GMA040 | PSEA601250  | PSEA601875 | PSEUN060200  | ABEI5519  | KFSFLM08  | TPAR251500  |
| 6   | 4   |        |        | 4   |            | 2  | 8   | 8   | 2   |
| 6   |   | 4      |        | 4   |            | 2  | 8   | 8   | 2   |
| 6   |   |        | 4      | 4   |            | 2  | 8   | 8   | 2   |
| 8   | 4   |        |        |   | 4          | 2  | 8   | 12  | 3   |
| 8   |   | 4      |        |   | 4          | 2  | 8   | 12  | 3   |
| 8   |   |        | 4      |   | 4          | 2  | 8   | 12  | 3   |
| 4   | -   |        |        | 4   |            | 4  | 16  | 8   | 2   |
| 6   | -   |        |        |   | 4          | 4  | 16  | 12  | 3   |



# Ask about the components of each kit

## KT-PSC

*Triangular with PSE-C aluminium profile. Assembled fixing*

|                  |                    | KF-RSC  | GM-A  |        |        | PSE-C   |            | PSE-CUN  | DIN-7504-K A2   | KFS-FC  | TPA-R   |
|------------------|--------------------|---|---|--------|--------|---|------------|--|---|---|---|
|                  |                    |  |  |        |        |  |            |  |  |  |  |
|                  |                    | KFRSC3050   | GMA030  | GMA035 | GMA040 | PSEC411250  | PSEC411875 | PSECUN200  | ABE15519  | KFSFCM0820  | TPAR251500  |
| KT-PSC           | KTPSC0230 (H=30mm) | 6   | 4   |        |        | 4   |            | 2  | 8   | 8   | 2   |
|                  | KTPSC0235 (H=35mm) | 6   |   | 4      |        | 4   |            | 2  | 8   | 8   | 2   |
|                  | KTPSC0240 (H=40mm) | 6   |   |        | 4      | 4   |            | 2  | 8   | 8   | 2   |
|                  | KTPSC0330 (H=30mm) | 8   | 4   |        |        |   | 4          | 2  | 8   | 12  | 3   |
|                  | KTPSC0335 (H=35mm) | 8   |   | 4      |        |   | 4          | 2  | 8   | 12  | 3   |
|                  | KTPSC0340 (H=40mm) | 8   |   |        | 4      |   | 4          | 2  | 8   | 12  | 3   |
| KT-PSC Extension | KTPSC02AM          | 4   | -   |        |        | 4   |            | 4  | 16  | 8   | 2   |
|                  | KTPSC03AM          | 6   | -   |        |        |   | 4          | 4  | 16  | 12  | 3   |

## KT-GPX

*Triangular with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS*

|                  |                    | KF-RSC  | GM-A  |        |        | GP-XS   |             | EMP-XS  | DIN-603 A2   | DIN-6923 A2   | TU-RX A2  | DIN-6921 A2   | TRP-XS  |
|------------------|--------------------|---|---|--------|--------|---|-------------|---|--|---|---|---|---|
|                  |                    |  |  |        |        |  |             |  |  |  |  |  |  |
|                  |                    | KFRSC3050   | GMA030  | GMA035 | GMA040 | GPXS4115125   | GPXS4115187 | EMPXS4115   | D603I08020   | D6923IM08   | TURXA208  | 6921I08020  | TRPXS412515   |
| KT-GPX           | KTGPX0230 (H=30mm) | 6   | 4   |        |        | 4   |             | 2   | 8  | 8   | 4   | 4   | 2   |
|                  | KTGPX0235 (H=35mm) | 6   |   | 4      |        | 4   |             | 2   | 8  | 8   | 4   | 4   | 2   |
|                  | KTGPX0240 (H=40mm) | 6   |   |        | 4      | 4   |             | 2   | 8  | 8   | 4   | 4   | 2   |
|                  | KTGPX0330 (H=30mm) | 8   | 4   |        |        |   | 4           | 2   | 8  | 8   | 6   | 6   | 3   |
|                  | KTGPX0335 (H=35mm) | 8   |   | 4      |        |   | 4           | 2   | 8  | 8   | 6   | 6   | 3   |
|                  | KTGPX0340 (H=40mm) | 8   |   |        | 4      |   | 4           | 2   | 8  | 8   | 6   | 6   | 3   |
| KT-GPX Extension | KTGPX02AM          | 4   | -   |        |        | 4   |             | 4   | 16   | 16  | 4   | 4   | 2   |
|                  | KTGPX03AM          | 6   | -   |        |        |   | 4           | 4   | 16   | 16  | 6   | 6   | 3   |

# ISF-KT

## Kits for solar installations

### KC-PSA Coplanar with winged aluminum profile (PSA-A). Direct fixing



| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) |   |
|-----------|-----------|------------|-------------------|---|
| KCPSA0230 | ORIGIN    | 2          | 30                | 1 |
| KCPSA0235 | ORIGIN    | 2          | 35                | 1 |
| KCPSA0240 | ORIGIN    | 2          | 40                | 1 |
| KCPSA0330 | ORIGIN    | 3          | 30                | 1 |
| KCPSA0335 | ORIGIN    | 3          | 35                | 1 |
| KCPSA0340 | ORIGIN    | 3          | 40                | 1 |
| KCPSA02AM | EXTENSION | 2          | -                 | 1 |
| KCPSA03AM | EXTENSION | 3          | -                 | 1 |



### KC-PSD Coplanar with winged aluminum profile (PSA-A). Direct fixing. Discontinuous profile format



| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) |   |
|-----------|-----------|------------|-------------------|---|
| KCPSD0130 | ORIGIN    | 1          | 30                | 1 |
| KCPSD0135 | ORIGIN    | 1          | 35                | 1 |
| KCPSD0140 | ORIGIN    | 1          | 40                | 1 |
| KCPSD01AM | EXTENSION | 1          | 30 - 50           | 1 |



### KC-PSC Coplanar with aluminium profile PSE-C. Lateral assembled fastening



| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) |   |
|-----------|-----------|------------|-------------------|---|
| KCPSC0230 | ORIGIN    | 2          | 30                | 1 |
| KCPSC0235 | ORIGIN    | 2          | 35                | 1 |
| KCPSC0240 | ORIGIN    | 2          | 40                | 1 |
| KCPSC0330 | ORIGIN    | 3          | 30                | 1 |
| KCPSC0335 | ORIGIN    | 3          | 35                | 1 |
| KCPSC0340 | ORIGIN    | 3          | 40                | 1 |
| KCPSC02AM | EXTENSION | 2          | -                 | 1 |
| KCPSC03AM | EXTENSION | 3          | -                 | 1 |



### KC-GPX Coplanar with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS



| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) |   |
|-----------|-----------|------------|-------------------|---|
| KCGPX0230 | ORIGIN    | 2          | 30                | 1 |
| KCGPX0235 | ORIGIN    | 2          | 35                | 1 |
| KCGPX0240 | ORIGIN    | 2          | 40                | 1 |
| KCGPX0330 | ORIGIN    | 3          | 30                | 1 |
| KCGPX0335 | ORIGIN    | 3          | 35                | 1 |
| KCGPX0340 | ORIGIN    | 3          | 40                | 1 |
| KCGPX02AM | EXTENSION | 2          | -                 | 1 |
| KCGPX03AM | EXTENSION | 3          | -                 | 1 |



### KC-GPD Coplanar with perforated steel channel Atlantis C4-M. Discontinuous channel format



| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) |   |
|-----------|-----------|------------|-------------------|---|
| KCGPD0130 | ORIGIN    | 1          | 30                | 1 |
| KCGPD0135 | ORIGIN    | 1          | 35                | 1 |
| KCGPD0140 | ORIGIN    | 1          | 40                | 1 |
| KCGPD01AM | EXTENSION | 1          | 30 - 50           | 1 |





## Kits for solar installations

## ISF-KT


 Triangular with PSE-A aluminium profile. Assembled fixing **KT-PSE**


| CODE       | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) | INCLINATION     |   |
|------------|-----------|------------|-------------------|-----------------|---|
| KTPSE0230  | ORIGIN    | 2          | 30                | 25° / 30° / 35° | 1 |
| KTPSE0235  | ORIGIN    | 2          | 35                | 25° / 30° / 35° | 1 |
| KTPSE0240  | ORIGIN    | 2          | 40                | 25° / 30° / 35° | 1 |
| K TPSE0330 | ORIGIN    | 3          | 30                | 25° / 30° / 35° | 1 |
| K TPSE0335 | ORIGIN    | 3          | 35                | 25° / 30° / 35° | 1 |
| KTPSE0340  | ORIGIN    | 3          | 40                | 25° / 30° / 35° | 1 |
| KTPSE02AM  | EXTENSION | 2          | -                 | -               | 1 |
| KTPSE03AM  | EXTENSION | 3          | -                 | -               | 1 |


 Triangular with PSE-C aluminium profile. Assembled fixing **KT-PSC**


| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) | INCLINATION     |   |
|-----------|-----------|------------|-------------------|-----------------|---|
| KTPSC0230 | ORIGIN    | 2          | 30                | 25° / 30° / 35° | 1 |
| KTPSC0235 | ORIGIN    | 2          | 35                | 25° / 30° / 35° | 1 |
| KTPSC0240 | ORIGIN    | 2          | 40                | 25° / 30° / 35° | 1 |
| KTPSC0330 | ORIGIN    | 3          | 30                | 25° / 30° / 35° | 1 |
| KTPSC0335 | ORIGIN    | 3          | 35                | 25° / 30° / 35° | 1 |
| KTPSC0340 | ORIGIN    | 3          | 40                | 25° / 30° / 35° | 1 |
| KTPSC02AM | EXTENSION | 2          | -                 | -               | 1 |
| KTPSC03AM | EXTENSION | 3          | -                 | -               | 1 |

**NEW**
 Triangular with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS **KT-GPX**


| CODE      | KIT TYPE  | N° MODULES | PLATE HEIGHT (mm) | INCLINATION |   |
|-----------|-----------|------------|-------------------|-------------|---|
| KTGPX0230 | ORIGIN    | 2          | 30                | 25° - 35°   | 1 |
| KTGPX0235 | ORIGIN    | 2          | 35                | 25° - 35°   | 1 |
| KTGPX0240 | ORIGIN    | 2          | 40                | 25° - 35°   | 1 |
| KTGPX0330 | ORIGIN    | 3          | 30                | 25° - 35°   | 1 |
| KTGPX0335 | ORIGIN    | 3          | 35                | 25° - 35°   | 1 |
| KTGPX0340 | ORIGIN    | 3          | 40                | 25° - 35°   | 1 |
| KTGPX02AM | EXTENSION | 2          | -                 | -           | 1 |
| KTGPX03AM | EXTENSION | 3          | -                 | -           | 1 |


**SOLUTIONS  
CUSTOM-MADE**

**VALID KITS FOR  
PLATES UP TO  
1.150 MM. WIDE**

## METAL FIXINGS

### MTP-G



Through bolt anchor for heavy loads in cracked & uncracked concrete. Opt.1 ETA Assessed. ATLANTIS C3-L shaft. A4 Stainless steel clip

### MTH-A4



Through bolt anchor for heavy loads in uncracked concrete. Opt.7 ETA Assessed. A4 Stainless steel shaft. A4 Stainless steel clip

### MTH-A2



Through bolt anchor for heavy loads in uncracked concrete. Opt.7 ETA Assessed. A2 Stainless steel shaft. A2 Stainless steel clip

### THE



Self-tapping concrete screwbolt. Hexagon head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THA



Self-tapping concrete screwbolt. Countersunk head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THP



Self-tapping concrete screwbolt. Pan head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THT



Self-tapping concrete screwbolt. Truss head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### HEA + ARVUL



Concrete screw, hexagonal head, Hi-Lo thread, diamond point. Screw with vulcanized EPDM steel washer

### CH-A2



Anti-spin sleeve anchor, for medium loads. A2 Stainless steel. Opt.7 ETA Assessed

### HE-A4



Drop-in anchor with internal thread for heavy loads. A4 Stainless steel. ETA Assessed for nonstructural applications

## PLASTIC FIXINGS

### T-NUX A A4



Universal high performance nylon plug. A4 Stainless steel. Countersunk head. ETA Assessed

### T-NUX E A4



Universal high performance nylon plug. A4 Stainless steel. Hexagonal head. ETA Assessed

### T-NUX



Universal high performance nylon plug. Nylon plug

### TC-A2



Polyamide 6.6 Hammerfix plug. Preassembled saw-tooth screw. Countersunk plug and A2 stainless steel screw

### TN4S



4-way expansion plug for all materials. Plug

### TN4S EP

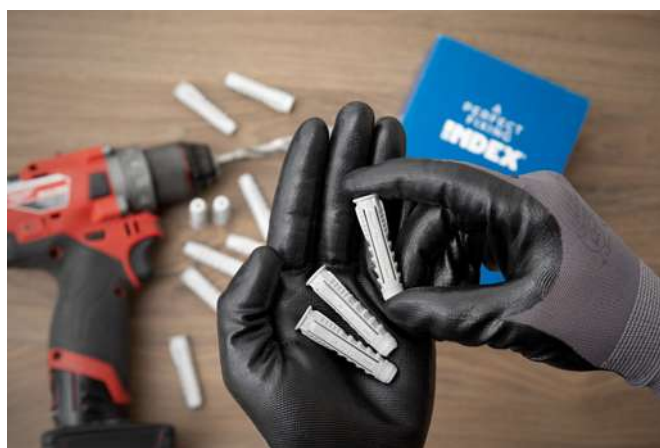


4-way expansion plug for all materials. Plastic container

### TN4S-L



4-way expansion plug for all materials. Long plug





## CHEMICAL FIXINGS

|                  |   |   |                |   |   |
|------------------|---|---|----------------|---|---|
| <b>MO-PU</b>     |    | Chemical fixings. Universal polyester. Opt.7 ETA Assessed                                     | <b>MS-PR</b>   |    | Adhesives Hybrid MS Polymer. Adhesive MS Professional                       |
| <b>MO-P+</b>     |    | Chemical fixings. Polyester PLUS. Opt.7 ETA Assessed  | <b>MS-SF</b>   |    | Adhesives Hybrid MS Polymer. Adhesive MS Superfast High Tack                |
| <b>MO-PS+</b>    |    | Chemical fixings. Polyester PLUS styrene free with Working time indicator. Opt.7 ETA Assessed | <b>SI-PR</b>   |    | Silicones. Professional neutral silicone for smooth and porous materials    |
| <b>MOPISTO</b>   |    | Guns for chemical fixings. Manual gun   | <b>SI-PRS</b>  |    | Silicones. Professional neutra SANITARI silicone with fungicidal properties |
| <b>MOPISPR</b>   |    | Guns for chemical fixings. Professional gun   | <b>SE-ACR</b>  |    | Silicones. Acrylic sealant for joints & cracks                              |
| <b>MOPISSI</b>   |    | Guns for chemical fixings. Silicone gun   | <b>MS-CA</b>   |    | Adhesives Hybrid MS Polymer   |
| <b>MOBOMBA</b>   |    | Accessories for chemical fixings. Blow pump   | <b>PU-TP</b>   |    | Polyurethane foam for fixing tiles. For gun application                     |
| <b>MORCANU</b>   |    | Accessories for chemical fixings. Mixer nozzle (300-410 ml)                                   | <b>PU-TC</b>   |    | Polyurethane foam for fixing tiles. For nozzle application                  |
| <b>MORCEPKIT</b> |  | Accessories for chemical fixings. 3 brushes kit   | <b>PU-PI</b>   |  | Application guns for polyurethane foams. Professional gun                   |
| <b>MO-TN</b>     |  | Sleeves & studs for chemical fixings. Plastic Mesh Sleeves                                    | <b>PU-PI 2</b> |  | Polyurethane foams. Basic gun   |
| <b>MO-TM</b>     |  | Sleeves & studs for chemical fixings. Wire Mesh Sleeves                                       | <b>PU-CA</b>   |  | Nozzle for polyurethane foam application                                    |
| <b>EQ-A2</b>     |  | Stud bolt for chemical anchor, with nut and washer. A2 Stainless steel                        | <b>PU-CL</b>   |  | Cleaner for polyurethane foam accessories                                   |
| <b>EQ-A4</b>     |  | Stud bolt for chemical anchor, with nut and washer. A4 Stainless steel                        |                |   |   |



## SCREWS

### DIN-7504-K A2



Self-drilling screw with hexagonal head. Screw. A2 Stainless steel

### ABE BIMETAL



Bimetal, stainless-steel, self-drilling screw with hexagonal head. Screw

### ABE BIMETAL + ARVUL



Bimetal, stainless-steel, self-drilling screw with hexagonal head. Screw with vulcanized EPDM-steel washer

### AUTO BIMETAL



Bimetal, stainless steel, self-drilling screw for beam with hexagonal head. Screw

### AUTO BIMETAL + ARVUL



Bimetal, stainless steel, self-drilling screw for beam with hexagonal head. Screw with vulcanized EPDM-steel washer

### PS 3 + ARVUL A2



Self-drilling screw with hexagonal head for sandwich panels. Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer

### PS 5 + ARVUL A2



Self-drilling screw with hexagonal head for sandwich panels. Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer

### ARVUL A2



Vulcanized EPDM-steel washer. A2 Stainless steel

### ATAP



Nylon cover cap in colours, for hexagonal-head screws.

### TP-A2



Countersunk head chipboard screw. A2 Stainless steel. PZ recess

### DIN-571 A2



Coach wood screw with hexagonal head. A2 Stainless steel

### INV A2



Tamperproof screw with TX recess. A2 Stainless steel

### DIN-933 A2



Hexagonal head bolt 8.8. Full thread. A2 Stainless steel

### DIN-934 A2



Hexagonal nut. A2 Stainless steel

### DIN-985 A2



Nylon insert nut. A2 Stainless steel

### DIN-125 A2



Plain washer. A2 Stainless steel

### DIN-9021 A2



Wide plain washer. A2 Stainless steel

### BOCA

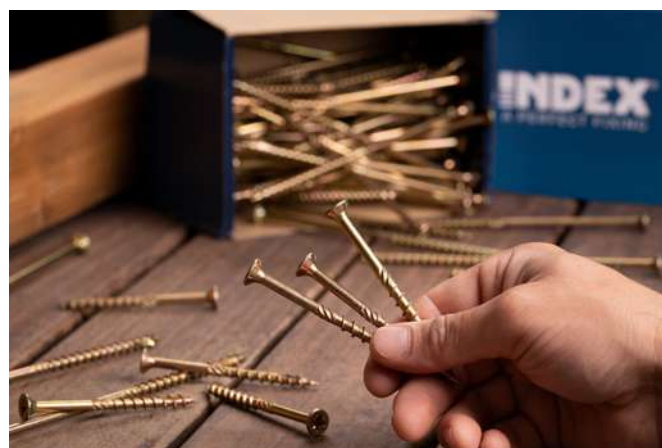


Magnetic hexagonal nut setter

### PU-PM























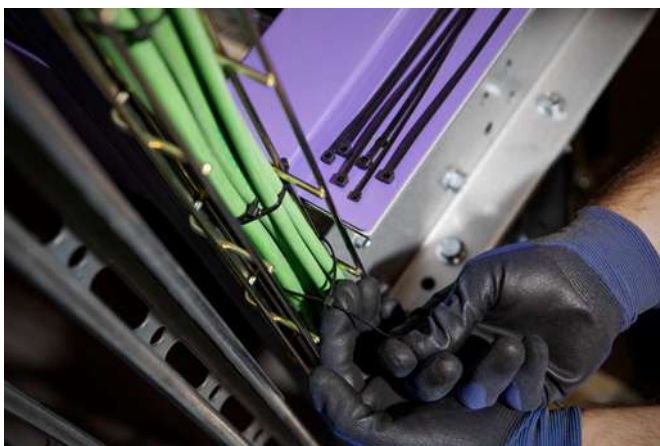
1/4" magnetic bit holder





## ABRAZADERAS

|                  |   |  |                 |   |  |
|------------------|---|--|-----------------|---|--|
| <b>CI-PE A2</b>  |    | Fixing band. Round fixing band. A2 Stainless steel       | <b>AB-IN</b>    |    | Simple polypropylene pipe clip with M6 threaded brass insert |
| <b>BN-N</b>      |    | Nylon cable tie. Black                                   | <b>AB-GU</b>    |    | Closed polypropylene pipe clip with pre-thread M6            |
| <b>TACOBRI N</b> |    | Nylon cable tie. Black                                   | <b>AB-MUG</b>   |    | Multiuse pipe clamp  |
| <b>BN-B</b>      |    | Cable tie plug. Black                                    | <b>AB-PR</b>    |    | Duty pipe clamp with pre-thread M6                           |
| <b>TACOBRI B</b> |    | Cable tie plug. White                                    | <b>FI-CA AB</b> |    | Cable clamp. Clamp   |
| <b>BN-GR</b>     |    | Nylon cable tie. Colours. Gray                           | <b>FI-CA PS</b> |    | Cable clamp. Single clamp                                    |
| <b>TACOBRI G</b> |    | Cable tie plug. Gray                                     | <b>FI-CA PD</b> |    | Cable clamp. Double clamp                                    |
| <b>BN-ID</b>     |    | Nylon cable tie for identification                       | <b>FI-CA CL</b> |    | Cable clamp. Clip  |
| <b>BN-PL</b>     |  | Identification plaque for nylon cable ties up to 4,8 mm. | <b>RV-A2</b>    |  | Threaded rod. A2 Stainless steel. 1 meter                    |
| <b>BN-BA</b>     |  | Two-way, adhesive base for nylon cable ties              | <b>MA-RI</b>    |  | Coupling nut. Coupling nut. Round. A2 Stainless steel        |



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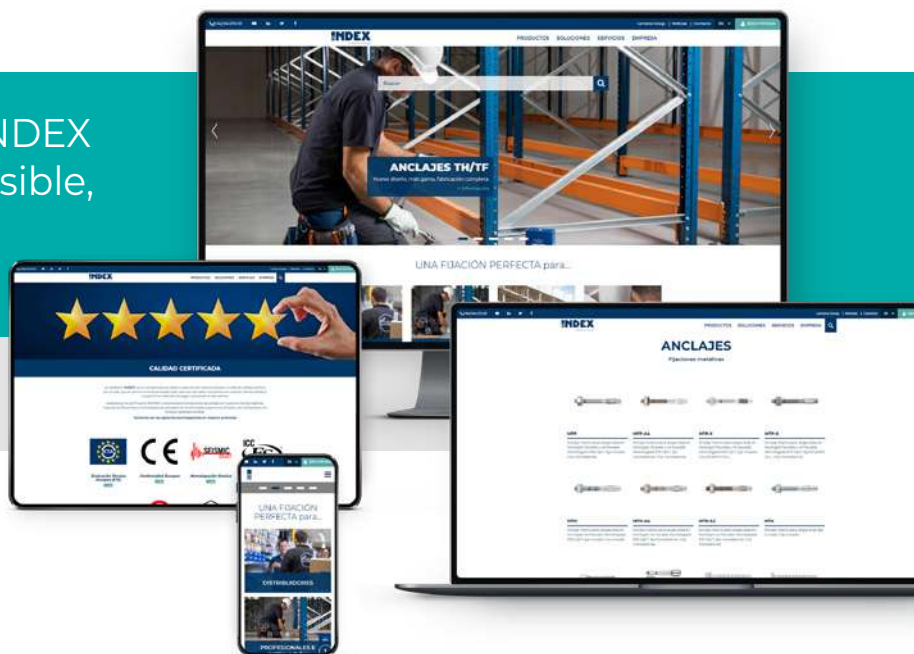
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