

TRITEC

ENERGY FOR A BETTER WORLD

POWER

MOUNTING SYSTEMS

Main Catalogue

www.tritec-energy.com

YOUR PARTNER FOR YOUR FUTURE

As a wholesaler and partner for solar professionals, builders and investors, we are active worldwide with more than 300 employees in system wholesale as well as in large-scale plant construction. As an “driver of change”, we have been creating new synergies in the market with our mounting systems and products for over 30 years.

Our own products, the PV mounting systems, are divided into insertion, in-roof, clamping and flat-roof mounting systems.

These offer optimum solutions for the various requirements of different roof types and alignments. We attach great importance to the high-quality processing of the components as well as to the durability of the substructure.

Discover our smart PV mounting systems.

TRITEC – ENERGY FOR A BETTER WORLD

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HIGH SPEED FOR MORE EFFICIENCY

Our **PV insertion systems** are designed for the most efficient work. With just a few components and the proven SafeClick assembly, you can realise your project in an unbeatably short time.

Your advantages at a glance:

- **Up to 50% faster assembly:** Our TRI-STAND insertion systems score with their enormous time advantage over several other systems.
- **Efficiently planned:** Use the free TRI-DESIGN planning software to plan your mounting system, inverter and string management.
- **Maximum flexibility:** TRI-STAND mounting systems use identical components for upright and transverse assembly.
- **Floating mounted:** The floating mounting gives no chance for damage due to thermal expansion to the roof, mounting system and module. Thermal separation of the system is not necessary.

TRI-STAND

The smart insertion system for PV systems on tiled roof.



The main advantages:

- Floating rooftop system, therefore no thermal separation necessary
- Simple, quick and efficient installation
- Considerable time and thus cost saving
- Optimum load distribution and stability
- Suitable for all common framed solar modules

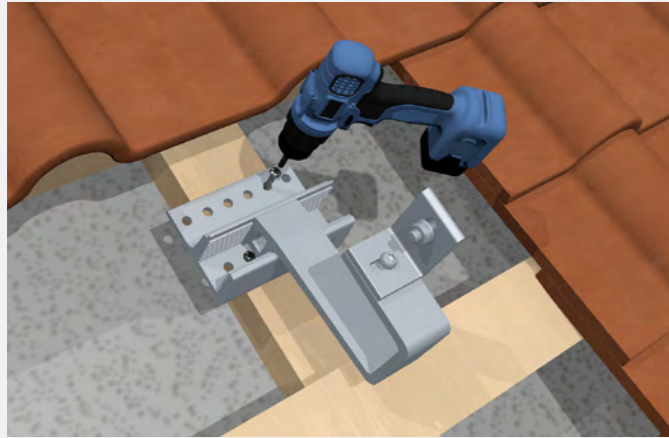


TRI-STAND FOR TILED ROOF

This way you easily increase your efficiency

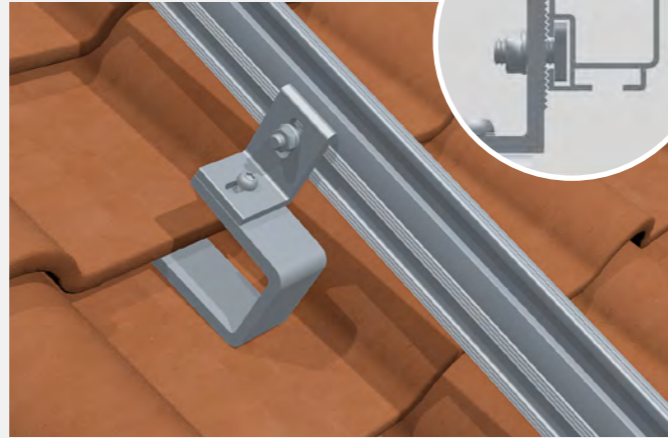
Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

TRI-STAND is installed in just a few steps



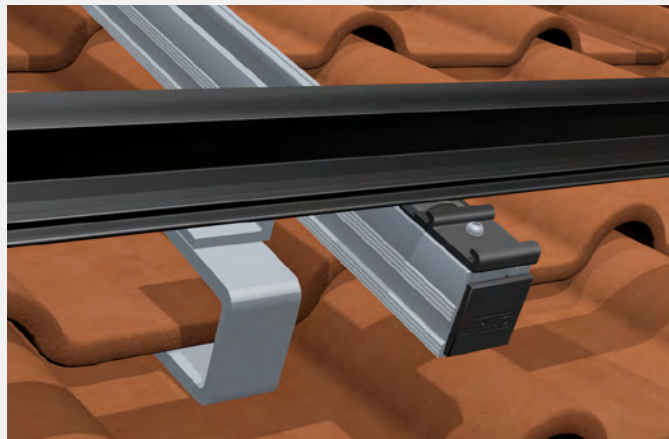
1. Mounting the roof hook

After checking the substructure of the roof for its point load bearing capacity, the roof hooks are mounted according to the design plan.



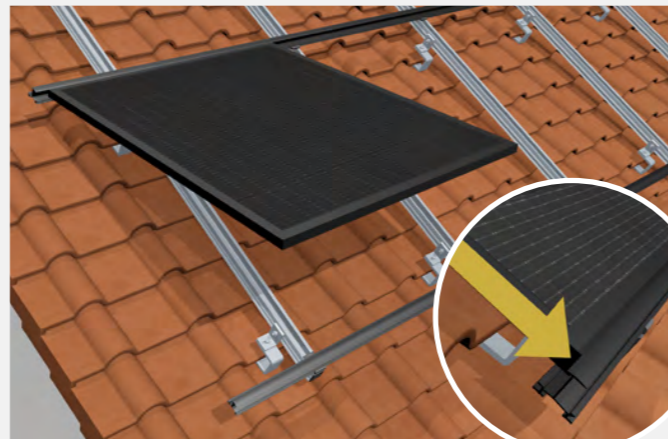
2. Mounting the base profile (UP-X)

The pre-assembled profiles are then securely installed on the roof hooks with the M10 hammerhead screw.



3. Clicking the TS insert profiles into the SafeClick

The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



4. Inserting the modules into the TS insertion profiles

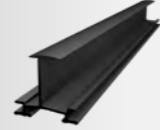








The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

THE SYSTEM COMPONENTS

Extremely fast assembly with few components

With TRITEC you have the choice: Many components of the PV insertion system TRI-STAND are available in the colour selection „black“ and „blank“ (aluminum silver). Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.

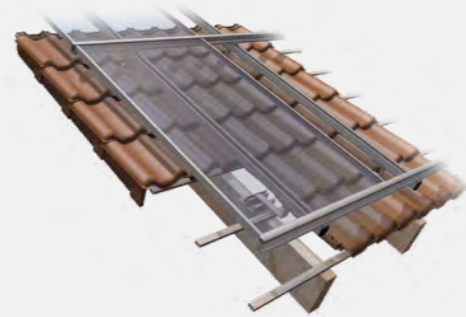
Colour key: ● black | ● blank

 <p>TRI-STAND insertion profile ● Standard</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/38/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-STAND end profile ● Optional</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-STAND universal profile UP-X 3,70 m ● Standard</p> <ul style="list-style-type: none"> • item no.: 1503352 • other lengths on request* 	 <p>TRI-STAND universal profile connector UP-CX ● Standard</p> <ul style="list-style-type: none"> • pre-assembled incl. hammer head bolt • item no.: 1502220
 <p>TRI-STAND SafeClick-Torx ● Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502963 • blank, item no.: 1502870 	 <p>TRI-STAND insertion profile connector TS-C ● Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502417 • blank, item no.: 1502216 	 <p>TRI-STAND end bracket TS-E ● Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502307 • blank, item no.: 1502214 	 <p>TRI-STAND end cap for UP-X profile ● Accessories</p> <ul style="list-style-type: none"> • item no.: 1503185
 <p>TRI-STAND roof hook PRO ● Standard</p> <ul style="list-style-type: none"> • item no.: 1503402 	 <p>TRI-STAND roof hook PRO PLUS ● Standard</p> <ul style="list-style-type: none"> • item no.: 1503403 		
 <p>TRI-STAND roof hook PLUS ● Standard</p> <ul style="list-style-type: none"> • bracket, Item no.: 1502982 • plate 40/28, Item no.: 1502983 • plate 49/37, Item no.: 1502984 • plate 55/43, Item no.: 1502985 	 <p>TRI-STAND roof hook BASIC ● Standard</p> <ul style="list-style-type: none"> • item no.: 1503094 	 <p>TRI-STAND roof hook BASIC adjustable ● Standard</p> <ul style="list-style-type: none"> • item no.: 1503146 	

* Information on lengths and part numbers on request

LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link to get more information about TRI-STAND for tiled roof, such as installation video, installation instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/tiled-roof/



Just scan the QR code or visit the following link to watch the training video on our TRI-DESIGN planning software.

www.tritec-energy.com/en/training/tri-design-basic/

The optimal mounting solution for every roof

TRITEC mounting systems combine over 30 years of photovoltaic experience. Our own products TRI-STAND, TRI-ROOF+, TRI-CLIP and TRI-FLAT Easyspeed offer optimum PV mounting solutions for the various requirements of different roof types and alignments. We attach great importance to the high-quality processing of the components as well as to the durability of the substructure.

Further information and the download of the assembly instructions you will find on our homepage www.tritec-energy.com.

Or just talk to us directly. Our experts are at your disposal to answer all your questions.

Contact
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TRITEC

ENERGY FOR A BETTER WORLD

TRI-STAND

The smart insertion system for PV systems on trapezoidal sheet metal.

- simple
- quick
- efficient

The main advantages:

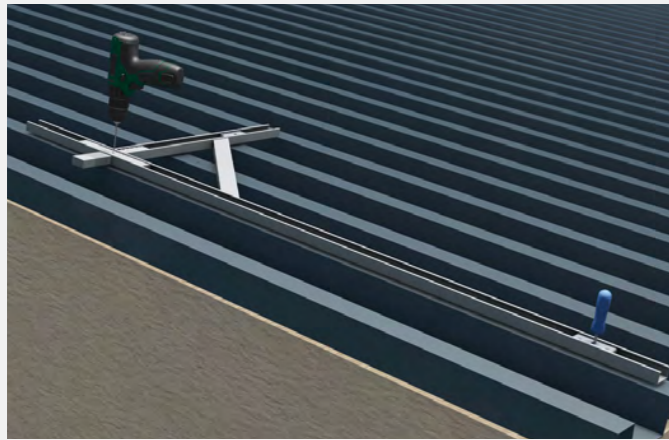
- Floating rooftop system, therefore no thermal separation necessary
- Simple, quick and efficient installation
- Considerable time and thus cost saving
- Optimum load distribution and stability
- Suitable for all common framed solar modules

TRI-STAND FOR TRAPEZOIDAL SHEET METAL

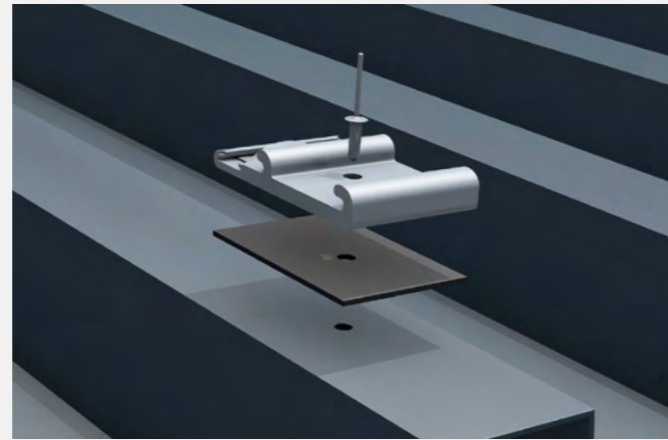
This way you easily increase your efficiency

Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

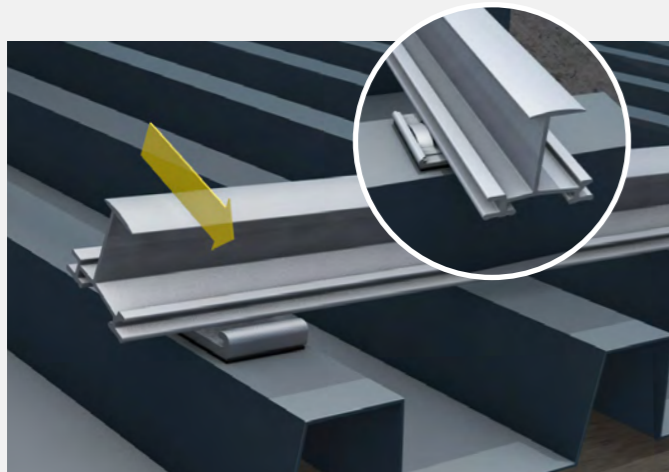
TRI-STAND is installed in just a few steps



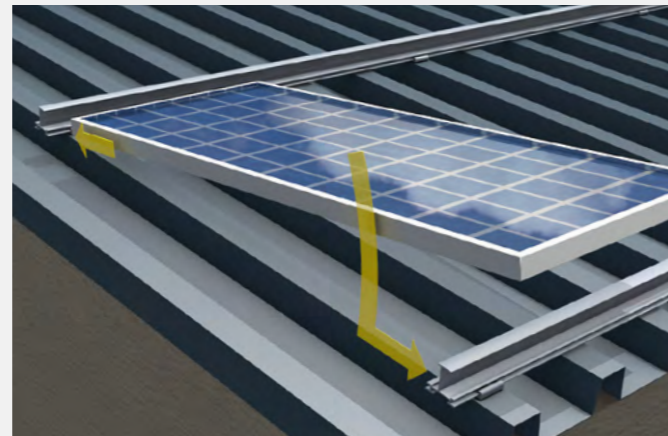
1. Measuring and predrilling the module field
According to the design plan, the module field is measured on the roof. Then the trapezoidal sheet metal covering is pre-drilled using the TRITEC drilling jig.



2. Riveting the SafeClick onto the trapezoidal sheet
The proven SafeClick is mounted directly onto the trapezoidal sheet metal by rivet¹, whereby considerably fewer fastening points become necessary.



3. Clicking the TS insert profiles into the SafeClick
The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



4. Inserting the modules into the TS insertion profiles
The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

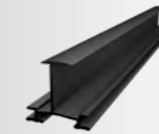
¹ Also available as screw version with TRI-STAND thin sheet metal screw 6.0 x 25 DS.

THE SYSTEM COMPONENTS

Extremely fast assembly with few components

With TRITEC you have the choice: Many components of the PV insertion system TRI-STAND are available in the colour selection „black“ and „blank“ (aluminum silver). Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.

Colour key: ● black | ○ blank



TRI-STAND insertion profile
● ○ Standard
• variants: TS-30/32/35/38/40
• colour selection black / blank
• available in different lengths*



TRI-STAND end profile
● ○ Optional
• variants: TS-30/32/35/40
• colour selection black / blank
• available in different lengths*



TRI-STAND Special SafeClick
● ○ Standard
• pre-assembled incl. rivet & seal
• black, item no.: 1503075
• blank, item no.: 1502987



TRI-STAND insertion profile connector TS-C
● ○ Standard
• black, item no.: 1502417
• blank, item no.: 1502216

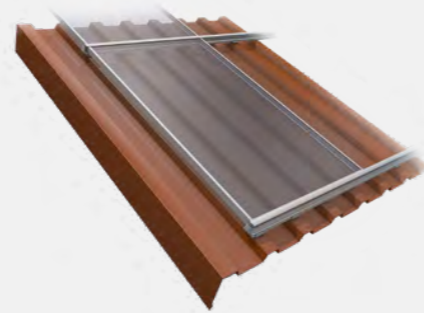


TRI-STAND end bracket TS-E
● ○ Standard
• black, item no.: 1502307
• blank, item no.: 1502214

* Information on lengths and part numbers on request

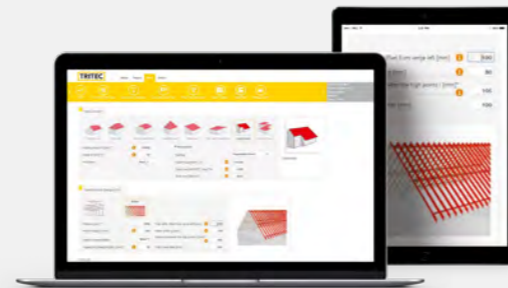
LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link to get more information about TRI-STAND for trapezoidal sheet metal, such as installation video, installation instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/trapezoidal-sheet-metal/



Just scan the QR code or visit the following link to watch the training video on our TRI-DESIGN planning software.

www.tritec-energy.com/en/training/tri-design-basic/

The optimal mounting solution for every roof

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Further information and the download of the assembly instructions you will find on our homepage www.tritec-energy.com.

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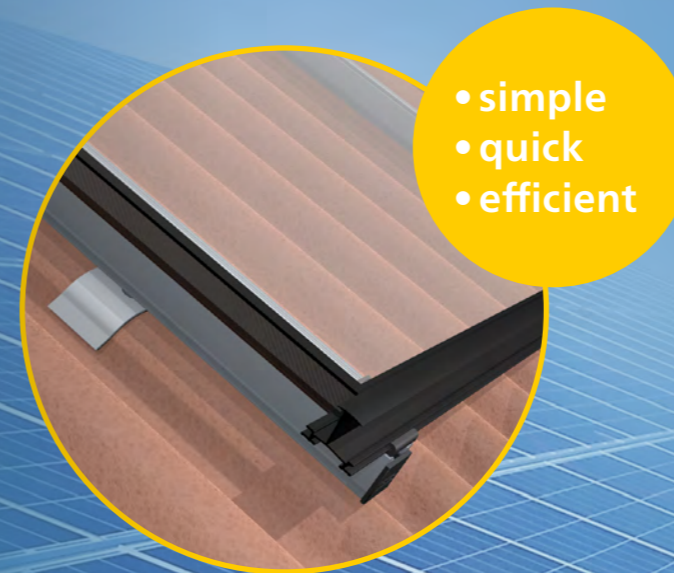
Contact
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www.tritec-energy.com



ENERGY FOR A BETTER WORLD

TRI-STAND

The smart insertion system for PV systems on corrugated fibre cement.



- simple
- quick
- efficient

The main advantages:

- Floating rooftop system, therefore no thermal separation necessary
- No stresses on the module or rail system due to thermal expansion
- Simple, quick and efficient installation
- Optimum load distribution and stability
- Suitable for all common framed solar modules

TRI-STAND FOR CORRUGATED FIBRE CEMENT

This way you easily increase your efficiency

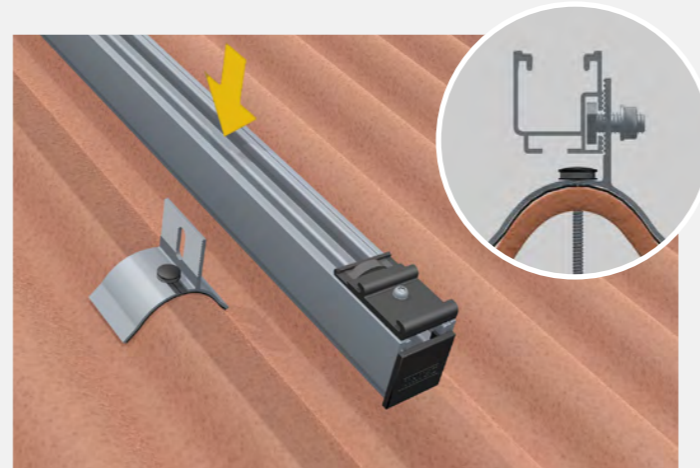
Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

TRI-STAND is installed in just a few steps



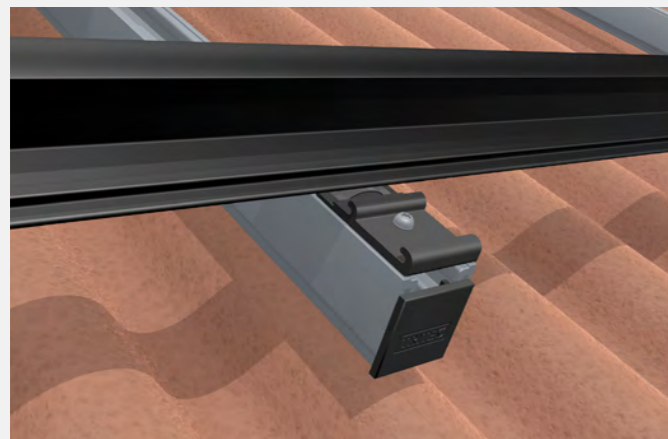
1. Mounting the TS-COR

First, mount the TS-COR at the locations provided in the design plan using the existing roof screws¹.



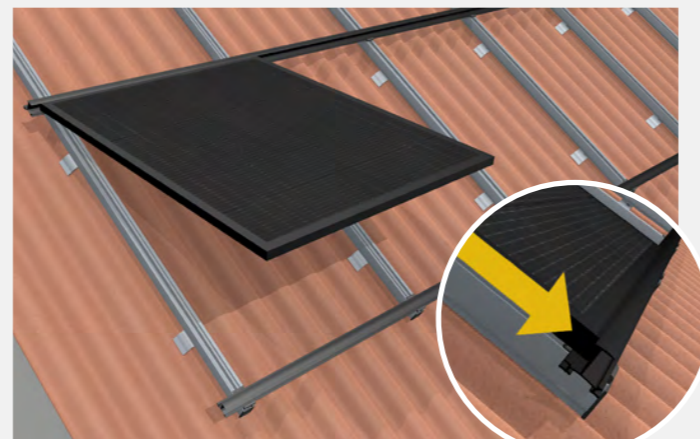
2. Mounting the base profile (UP-X)

The pre-assembled profiles are then securely installed on the TS-COR with the M10 hammerhead screw.



3. Clicking the TS insert profiles into the SafeClick

The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



4. Inserting the modules into the TS insertion profiles

The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

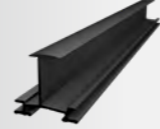








¹ New roof bolts may need to be placed in additional positions.

THE SYSTEM COMPONENTS

Extremely fast assembly with few components

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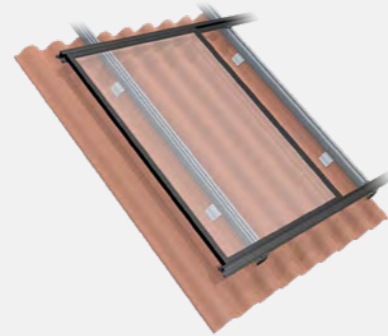
Colour key: ● black | ○ blank

 <p>TRI-STAND insertion profile Standard</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/38/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-STAND end profile Optional</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-STAND universal profile UP-X 3,70 m Standard</p> <ul style="list-style-type: none"> • item no.: 1503352 • other lengths on request* 	 <p>TRI-STAND universal profile connector UP-CX Standard</p> <ul style="list-style-type: none"> • pre-assembled incl. hammer head bolt • item no.: 1502220
 <p>TRI-STAND SafeClick-Torx Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502963 • blank, item no.: 1502870 	 <p>TRI-STAND insertion profile connector TS-C Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502417 • blank, item no.: 1502216 	 <p>TRI-STAND end bracket TS-E Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502307 • blank, item no.: 1502214 	 <p>TRI-STAND end cap for UP-X profile Accessories</p> <ul style="list-style-type: none"> • item no.: 1503185
 <p>TRI-STAND TS-COR, mounting bracket for corrugated fibre cement roof Standard</p> <ul style="list-style-type: none"> • item no.: 1503073 			

* Information on lengths and part numbers on request

LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link to get more information about TRI-STAND for corrugated fibre cement, such as installation video, installation instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/welleternit/



Just scan the QR code or visit the following link to watch the training video on our TRI-DESIGN planning software.

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The optimal mounting solution for every roof

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TRITEC

ENERGY FOR A BETTER WORLD

TRI-STAND

The smart insertion system for PV systems on standing seam sheet metal.



- simple
- quick
- efficient

The main advantages:

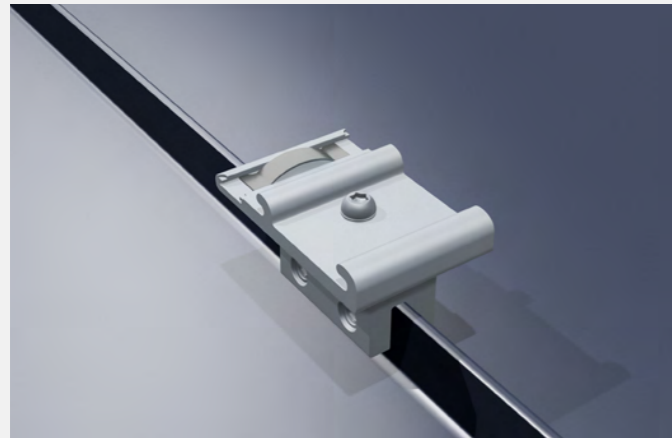
- Floating rooftop system, therefore no thermal separation necessary
- Low material requirements due to single-layer rail system
- Simple, quick and efficient installation
- Considerable time and thus cost saving
- Optimum load distribution and stability
- Suitable for all common framed solar modules

TRI-STAND FOR STANDING SEAM SHEET METAL

This way you easily increase your efficiency

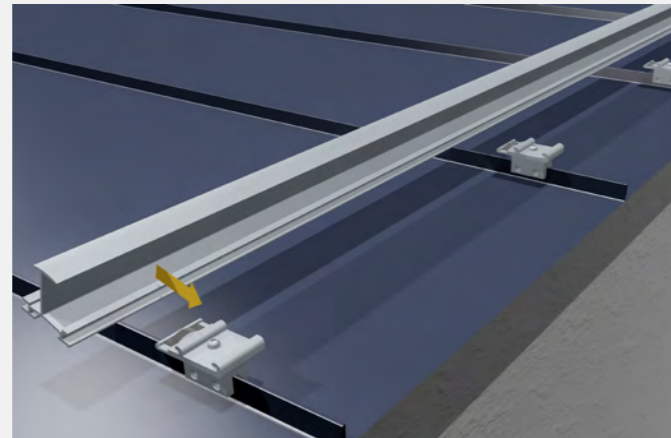
Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

TRI-STAND is installed in just a few steps



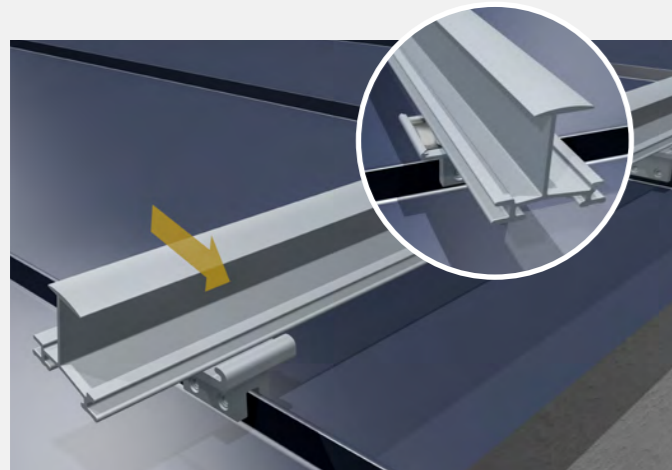
1. Mounting SafeClick

The tried and tested SafeClick is mounted directly on the standing seam, including the M8 standing seam clamp.



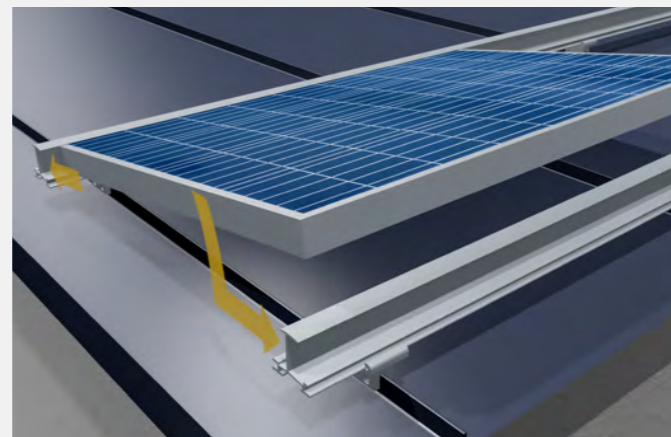
2. Place the SafeClicks in a row

Fit the SafeClicks including standing seam clamps in a row, complete assembly and fit the insert profile in place.



3. Clicking the TS insert profiles into the SafeClick

The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



4. Inserting the modules into the TS insertion profiles

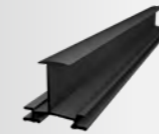
The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

THE SYSTEM COMPONENTS

Extremely fast assembly with few components

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Colour key: ● black | ● blank



TRI-STAND insertion profile

● Standard

- variants: TS-30/32/35/38/40
- colour selection black / blank
- available in different lengths*



TRI-STAND end profile

● Optional

- variants: TS-30/32/35/40
- colour selection black / blank
- available in different lengths*



TRI-STAND double standing seam clamp up to 7 mm

● Standard

- pre-assembled incl. SafeClick
- item no.: 1503183



TRI-STAND insertion profile connector TS-C

● Standard

- black, item no.: 1502417
- blank, item no.: 1502216



TRI-STAND end bracket TS-E

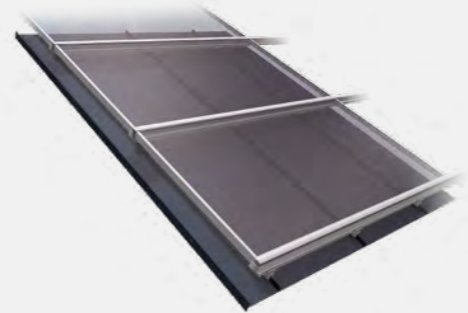
● Standard

- black, item no.: 1502307
- blank, item no.: 1502214

* Information on lengths and part numbers on request

LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link to get more information about TRI-STAND for standing seam sheet metal, such as installation video, installation instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/standing-seam-sheet-metal/



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TRITEC

ENERGY FOR A BETTER WORLD

TRI-ROOF+

The perfect mounting solution for roof-integrated PV systems.



- secure
- aesthetic
- efficient

The main advantages:

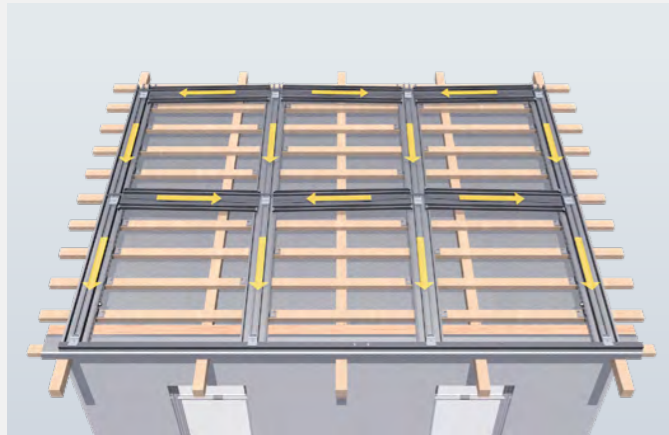
- Floating in-roof system, thus no thermal separation necessary
- Closed module surface for highest aesthetics
- Special profiles for maximum water impermeability
- Optimum load distribution and stability
- Suitable for all common framed solar modules

TRI-ROOF+ FOR IN-ROOF

This way you easily increase your efficiency

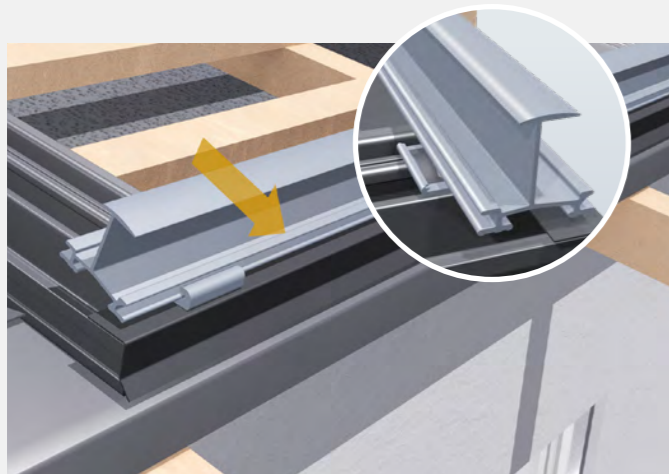
The TRI-ROOF+ in-roof mounting system replaces parts of the roof or the entire roof covering. Thanks to smart planning software and patented SafeClick mounting, the PV in-roof insertion system is extremely safe and easy to install on the roof. The innovative water drainage system ensures safe drainage of rainwater. The PV modules are easily inserted into the insertion profiles and are held in place by their own weight. Additional fastening of the modules is completely unnecessary.

This is how clever TRI-ROOF+ is installed



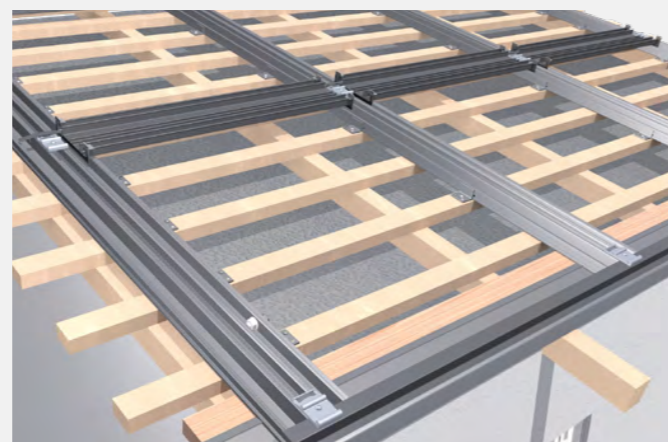
1. Attach the substructure

The substructure is mounted directly onto the roof battens. The rainwater is safely drained off via the innovative water drainage system.



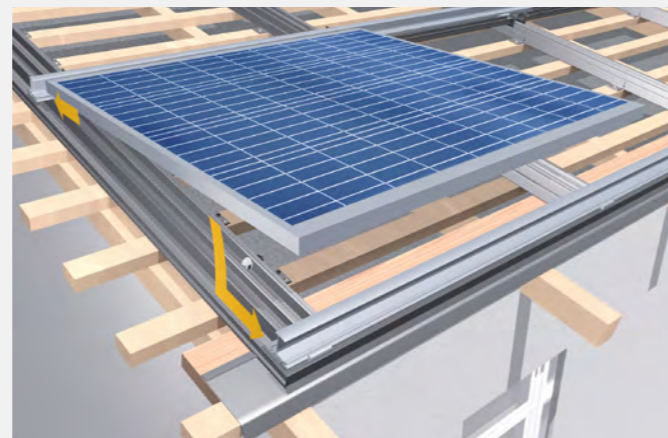
3. Clicking the TS insert profiles into the SafeClick

The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



2. Mounting the SafeClicks

The SafeClick elements are screwed onto the IP in-roof profiles at the specified distance on the entire substructure according to the instructions.



4. Inserting the modules into the TS insertion profiles


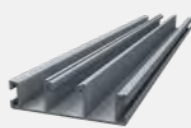













The modules are inserted into the insertion profiles and are held in place by their own weight - there is no need for additional fastening.

SYSTEM COMPONENTS

All components at a glance

With TRITEC you have the choice: Some components for the PV in-roof system TRI-ROOF+ are available in the color selection „black“ and „blank“ (aluminum silver). Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.

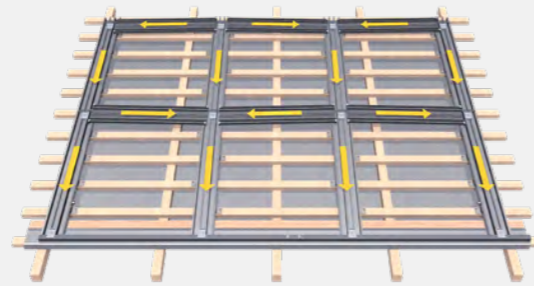
Colour key: ● black | ○ blank

 <p>TRI-STAND insertion profile ● ○ Standard</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/38/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-STAND end profile ● ○ Optional</p> <ul style="list-style-type: none"> • variants: TS-30/32/35/40 • colour selection black / blank • available in different lengths* 	 <p>TRI-ROOF+ in-roof profile IP 3,80 m ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1503174 	 <p>TRI-ROOF+ horizontal rail TR-H 3,50 m ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1503187
 <p>TRI-STAND SafeClick-Torx ● ○ Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502963 • blank, item no.: 1502870 	 <p>TRI-STAND insertion profile connector TS-C ● ○ Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502417 • blank, item no.: 1502216 	 <p>TRI-STAND end bracket TS-E ● ○ Standard</p> <ul style="list-style-type: none"> • black, item no.: 1502307 • blank, item no.: 1502214 	 <p>TRI-ROOF+ IP profile connector IP-C ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502929
 <p>TRI-ROOF+ end plate below AU ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502931 	 <p>TRI-ROOF+ mounting clip TR-C ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502544 	 <p>TRI-ROOF+ in-roof profile holder IP-U ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502930 	 <p>TRI-ROOF+ end support TR-E+ ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1503031
 <p>TRI-ROOF+ centre support TR-M ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502667 	 <p>TRI-ROOF+ spacer TR-D ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502668 	 <p>TRI-ROOF+ flat connector ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502308 	 <p>TRI-ROOF+ drip tray TR-H ● ○ Standard</p> <ul style="list-style-type: none"> • item no.: 1502965

* Information on lengths and part numbers on request

LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link for more information about TRI-ROOF+, such as installation video, mounting instructions and references.

www.tritec-energy.com/en/pv-mounting-systems/tri-roof/



Just scan the QR code or visit the following link to watch the training video on our TRI-DESIGN planning software.

www.tritec-energy.com/en/training/tri-design-basic/

The optimal mounting solution for every roof

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www.tritec-energy.com

TRITEC

ENERGY FOR A BETTER WORLD

TRI-CLIP

The economical clamping system for PV systems on tiled roofs.

- simple
- economical
- efficient



The main advantages:

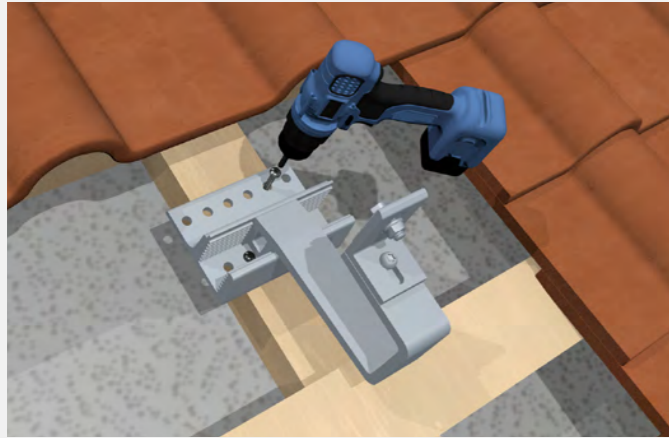
- Cost-effective, economical on-roof system
- Statically tested for wind and snow loads
- Suitable for all common framed solar modules

TRI-CLIP

Classic mounting system at a low price

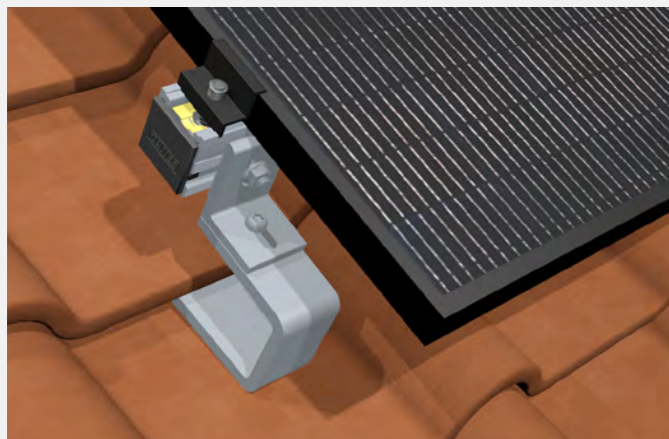
Realize your projects enormously cost-efficient: Thanks to smart planning software and reliable components, the on-roof clamping system TRI-CLIP is safely installed on the tiled roof. The PV clamping system is the economical and safe solution for many applications - from single-family homes to large commercial PV systems.

TRI-CLIP is installed so easily



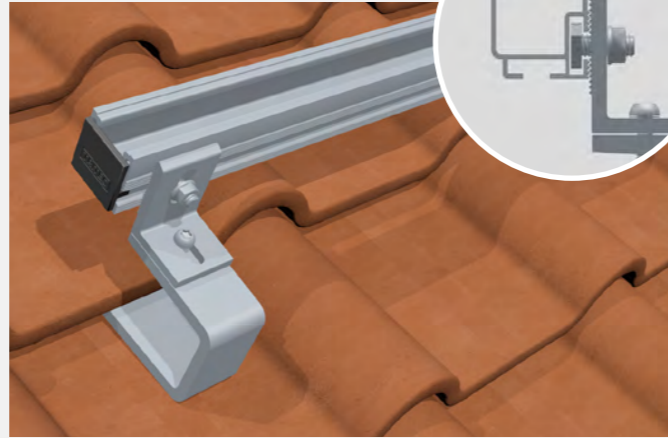
1. Mounting the roof hook

After checking the substructure of the roof for its point load bearing capacity, the roof hooks are mounted according to the design plan.



3. Fix modules with TRI-CLIP

The end and middle clamps are attached and tightened to profiles and modules according to the design plan.



2. Mounting the base profile (UP-X)

The pre-assembled profiles are then securely installed on the roof hooks with the M10 hammerhead screw.

THE SYSTEM COMPONENTS

Easy assembly with high quality components

With TRITEC you have the choice: Some components for TRI-CLIP are available in the color selection „black“ and „blank“ (aluminum silver). Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.

Colour key: ● black | ● blank



TRI-STAND universal profile UP-X 3,70 m Standard

- item no.: 1503352
- other lengths on request*



TRI-STAND universal profile connector UP-CX Standard

- pre-assembled incl. hammer head bolt
- item no.: 1502220



TRI-STAND end cap for UP-X profile Accessories

- item no.: 1503185



TRI-STAND roof hook PRO Standard

- item no.: 1503402



TRI-STAND roof hook PRO PLUS Standard

- item no.: 1503403



TRI-STAND roof hook BASIC Standard

- item no.: 1503094



TRI-STAND roof hook BASIC adjustable Standard

- item no.: 1503146



TRI-STAND roof hook PLUS Standard

- bracket, Item no.: 1502982
- plate 40/28, Item no.: 1502983
- plate 49/37, Item no.: 1502984
- plate 55/43, Item no.: 1502985



TRI-CLIP middle clamp 30-40 mm Standard

- black, item no.: 1503099
- blank, item no.: 1503081



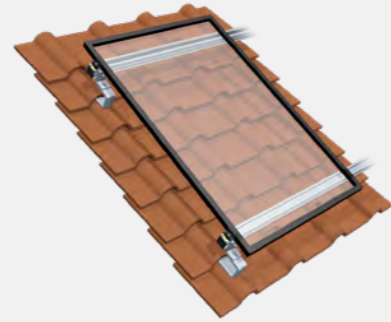
TRI-CLIP end clamp Standard

- black 30 mm, item no.: 1503143
- black 35 mm, item no.: 1503100
- black 40 mm, item no.: 1503101
- blank 30 mm, item no.: 1503142
- blank 35 mm, item no.: 1503082
- blank 40 mm, item no.: 1503083

* Information on lengths and part numbers on request

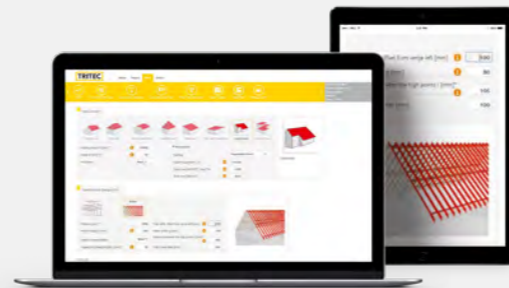
LEARN MORE

Videos, planning and contact



Simply scan the QR code or visit the following link to get more information about TRI-CLIP clamping system.

www.tritec-energy.com/en/pv-mounting-systems/tri-clip/



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TRITEC

ENERGY FOR A BETTER WORLD

TRI-FLAT EASYSPEED

The innovative flat roof system.



- simple
- quick
- efficient

The main advantages:

- Quick assembly due to preassembled components
- No time-consuming measuring work required
- Low concentrated loads on the roofing and insulation

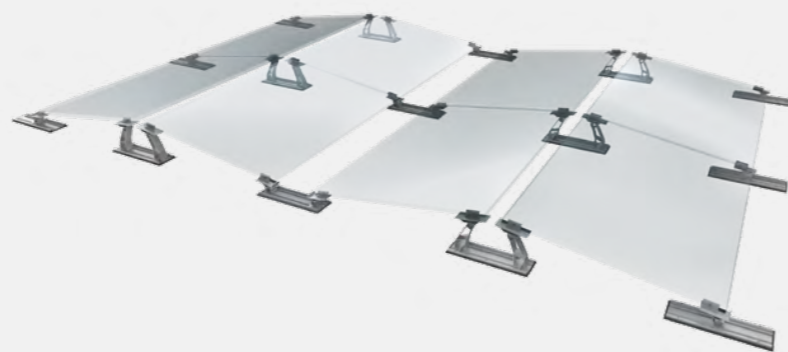
TRI-FLAT EASYSPEED

Extrem fast assembly with few components

Innovation that is well worth seeing.

The TRI-FLAT Easyspeed is an innovative flat roof system that requires few components and can be installed quickly and easily.

With only a few components it is possible to install different systems in east/west and south variants on flat roofs.



Outstanding advantages.

- Large mounting plates ensure low concentrated loads
- Modules are supported in a stress-free way thanks to the movable adapters
- No long rails, low thermal expansion and optimum water drainage
- Clamping possible on both the short and long sides of the module
- Very easy to install thanks to pre-assembled components
- Ballast-optimised (aerodynamic system)
- No time-consuming surveying work
- Quick and easy mounting
- Perfect for storage and handling
- Wind tunnel tested

Quality you can rely on.

With the TRI-FLAT Easyspeed mounting system, you are relying on the highest quality standards. Recognised test centres confirm this with their seal of approval.

Highest quality standards

Reliable business partner











Optimum availability

Flexible selection options

THE SYSTEM COMPONENTS

All components at a glance

Colour key: ● black | ○ blank

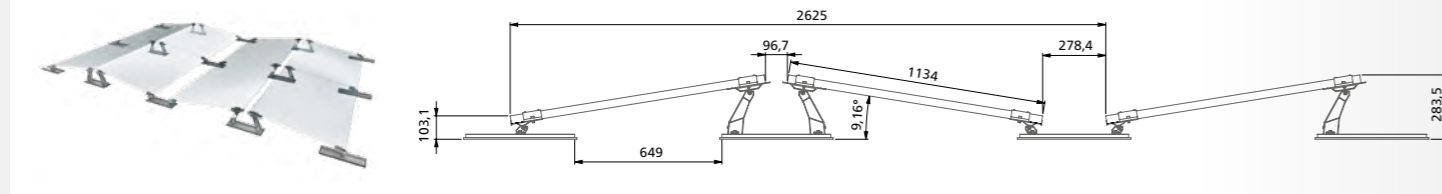
 TRI-FLAT Easyspeed small raiser Standard • item no.: 1503301	 TRI-FLAT Easyspeed large raiser Standard • item no.: 1503302	 TRI-FLAT Easyspeed middle clamp 30-40 mm Standard • item no.: 1503304
 TRI-FLAT Easyspeed small plate 140 Standard • dimensions: 480 x 140 mm • item no.: 1503303	 TRI-FLAT Easyspeed large plate 140 Standard • dimensions: 700 x 140 mm • item no.: 1503312	 TRI-FLAT Easyspeed end clamp Standard • item no. 30 mm: 1503305 • item no. 32 mm: 1503318 • item no. 35 mm: 1503306 • item no. 40 mm: 1503335
 TRI-FLAT Easyspeed shim Optional • item no.: 1503330	 TRI-FLAT Easyspeed ballast brace Optional • item no.: 1503307	
 TRI-FLAT Easyspeed ballast tray 2025 / 2225 / 2475 Optional Ballast tray 2025 • modul length: 1.650 - 1.850 mm • item no.: 1503321 Ballast tray 2225 • modul length: 1.851 - 2.050 mm • item no.: 1503322 Ballast tray 2475 • modul length: 2.051 - 2.300 mm • item no.: 1503323	 TRI-FLAT Easyspeed wind deflector plate 1945 / 2145 / 2395 Standard Wind deflector plate 1945 • modul length: 1.650 - 1.850 mm • item no.: 1503315 Wind deflector plate 2145 • modul length: 1.851 - 2.050 mm • item no.: 1503316 Wind deflector plate 2395 • modul length: 2.051 - 2.300 mm • item no.: 1503317	

SYSTEM OVERVIEW

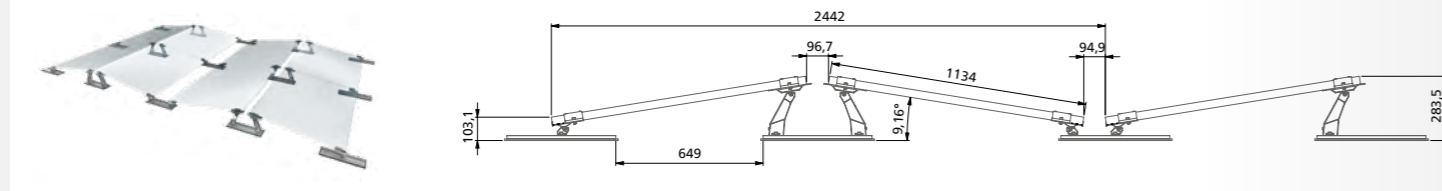
One system - many possibilities

Simply fast on the roof: The TRI-FLAT Easyspeed flat roof system in many variants.

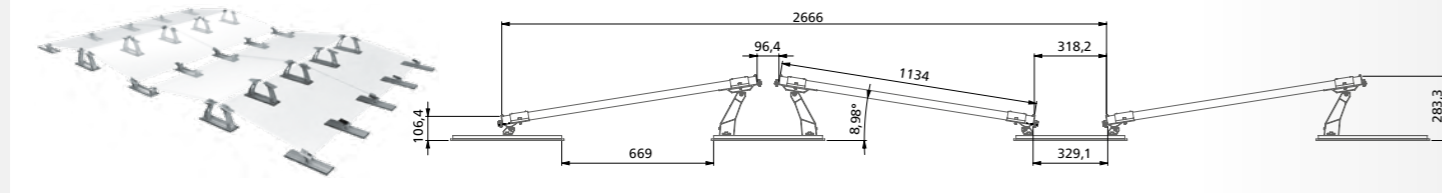
■ East/west, clamping on short module side with long distance



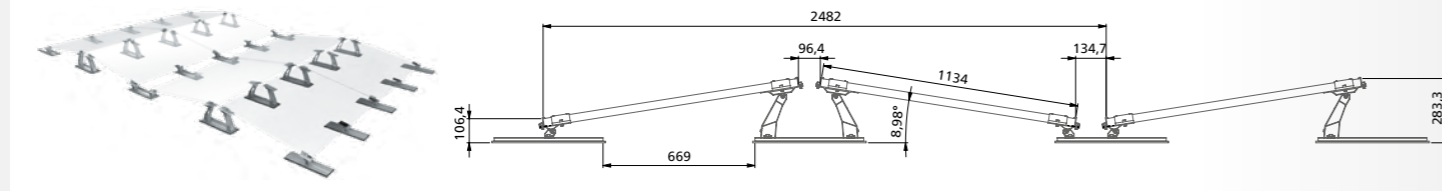
■ East/west, clamping on short module side with short distance



■ Alpine East/West, clamping on short as well as long side of the module with long distance



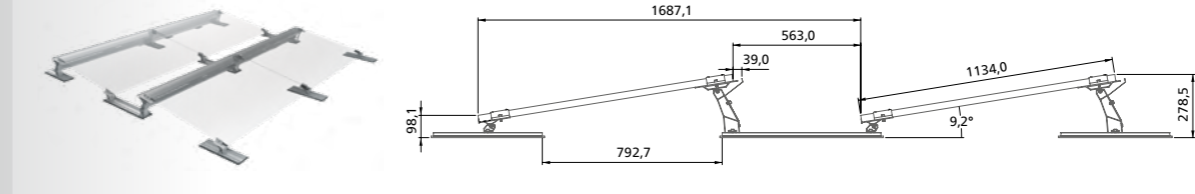
■ Alpine East/West, clamping on short as well as long side of the module with short distance



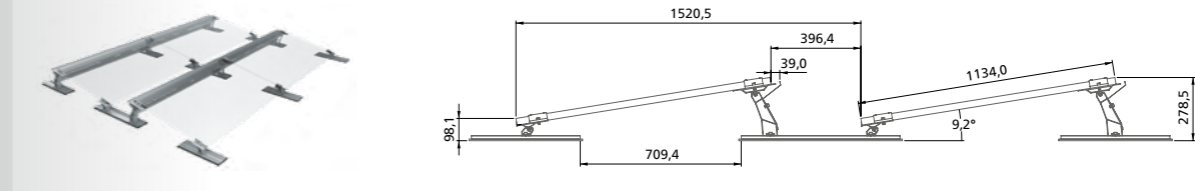
Ballast variant ballast brace



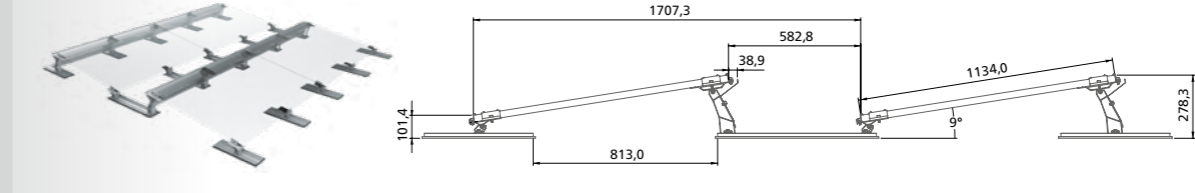
■ South, 18° angle for shading clearance, modules are clamped on the short side



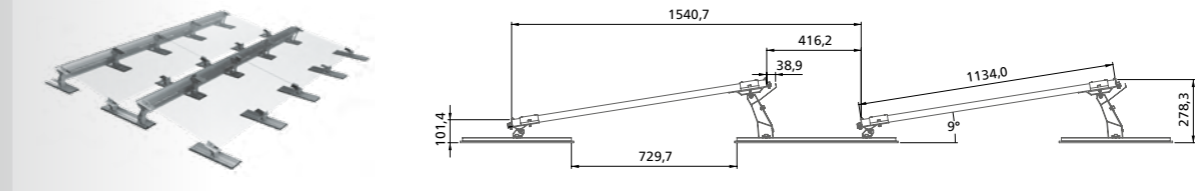
■ South, 25° angle for shading clearance, modules are clamped on the short side



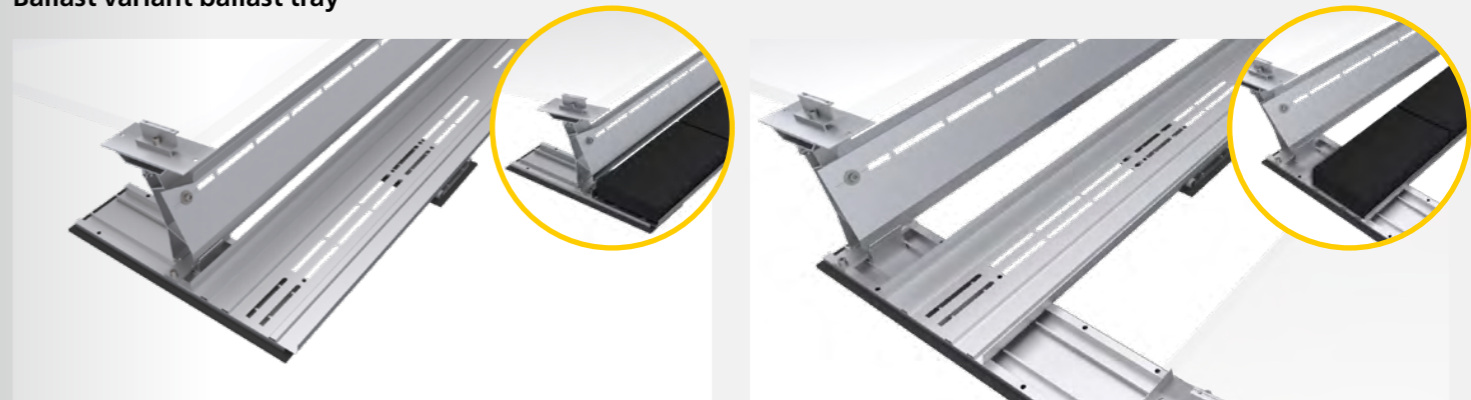
■ Alpine South, 18° angle for shading clearance, clamping on short as well as long side of the module



■ Alpine South, 25° angle for shading clearance, clamping on short as well as long side of the module



Ballast variant ballast tray



LEARN MORE

General information

Use:	Flat roofs: foil, bitumen and gravel roofs
Roof pitch:	Up to 5° depending on roof conditions without roof connection
Max building height:	25 metres
Orientation:	East/west and south facing
System inclination:	Approx. 10°
Modules:	Framed modules
Module sizes:	Width: 950 - 1200 mm x Length: 1650 - 2300 mm
Module orientation:	Horizontal
Max. module field size:	21 x 21 metres
Distance from roof edge:	Roof zones F and G can be occupied in accordance with EN 1991-1-4 (minimum edge distance 600 mm)
Wind load:	Up to 2,4 kN/m ²
Snow load:	Up to 5,4 kN/m ²
Proof of stability:	Software-assisted on the basis of wind tunnel investigations
Properties and condition of roof:	On-site checks must be carried out by the contractor to ensure that the roof construction and the building's supporting structure offer the necessary static load-bearing capacity and that the compressive strength of the thermal insulation is sufficient.
Materials:	Aluminium EN AW 6063/6005; sheet steel with an aluminium-zinc coating; small parts made from A2-70 stainless steel; building protection mat made from non-woven polyester
Screw mounting:	M8 (A2-70)
Torque:	15 Nm

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MOUNTING SOLUTIONS

Trust in our experience

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Energy for a better future

As an owner-managed company, we take our responsibility for the environment and sustainable energy very seriously. Since the foundation of TRITEC, we have seen ourselves as pioneers and problem solvers out of conviction. We guarantee our partners sustainable quality and secure yields from the smallest to the largest solar power plant. Not least because of this, we can look back on solid and lasting relationships with our customers and our employees. TRITEC trains and certifies specialist partners within the framework of training courses and other events.

Always close to our customers - no matter where

TRITEC is represented in Europe, North and South America. This ensures that you always reach the right contact person.



ENERGY FOR A BETTER WORLD

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