

YOUR PARTNER FOR YOUR FUTURE

As a wholesaler and partner for solar professionals, builders and investors, we are active worldwide with 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, clamping, in-roof 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 trapezoidal sheet metal.

- simple
- quick
- efficient

- 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

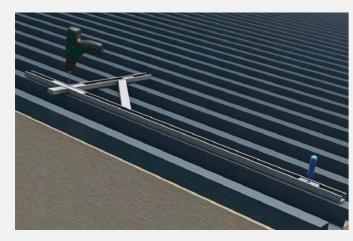


TRI-STAND FOR TRAPEZOIDAL SHEET METAL

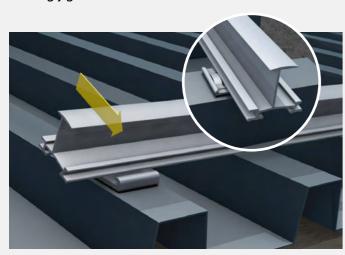
This way you easily increase your efficiency

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



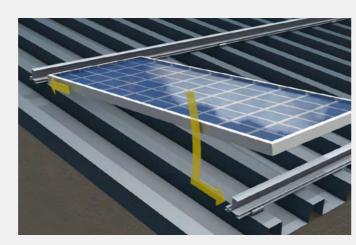
1. Measuring and predrilling the module field According to the design plan, the module field is measured on the roof. Then the trapezoidal sheet metal covering is pre-drilled using the TRITEC drilling jig.



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. 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.



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 color selection "blank" (aluminum silver) and "black". Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.



• Variants: TS-30/32/35/38/40 • available in different lengths*



• Variants: TS-30/32/35/38/40 • available in different lengths*



• pre-assembled incl. rivet & seal • Item no.: 1502987



- pre-assembled incl. rivet & sea
- Item no.: 1503075



TRI-STAND insertion profile connector TS-C, blank

• Item no.: 1502216



TRI-STAND insertion profile connector TS-C, black

• Item no.: 1502417



TRI-STAND end bracket TS-E, blank

• Item no.: 1502214



TRI-STAND end bracket TS-E, black

• Item no.: 1502307



TRI-STAND insertion profile Opti, blank

• Variants: TS-30/35/40 available in different lengths*



insertion profile Opti, black

• Variants: TS-30/35/40 • available in different lengths*



TRI-STAND end profile, blank

 Variants: TS-30/32/35/40 • available in different lengths*



TRI-STAND end profile, blac

- Variants: TS-30/32/35/40
- available in different lengths*

TRI-STAND Edge Clip cable fixation

Item no.: 1502246



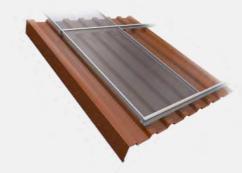


* Information on lengths and part numbers on request

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

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

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**.

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Contact

info@tritec-energy.com www.tritec-energy.com



TRI-STAND

The smart insertion system for PV systems on tiled roof.



- 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

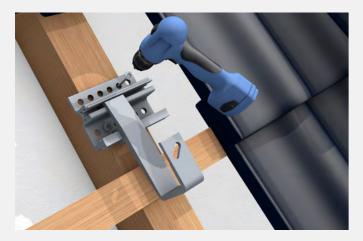


TRI-STAND FOR TILED ROOF

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.



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 vertical base profile (UP-L) The pre-assembled profiles are then securely installed on the roof hooks with the M10 hammerhead screw.



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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TRI-STAND universal profile UP-L 3,70 m, blank

• Item no.: 1503168

other lengths on request*



TRI-STAND insertion profile connector TS-C, blank

universal profile connector UP-C

TRI-STAND Edge Clip cable fixation

• pre-assembled incl. screws

• Item no : 1502217

Item no.: 1502246

• Item no.: 1502216

TRI-STAND



TRI-STAND universal profile UP-L 3,70 m, black

• Item no.: 1503169 other lengths on request



TRI-STAND insertion profile connector TS-C, black

• Item no.: 1502417

TRI-STAND end bracket TS-E, blank

• Variants: TS-30/32/35/40

• available in different lengths*

TRI-STAND SafeClick-Torx, blank

• Item no.: 1502870

• Item no.: 1502214



TRI-STAND TRI-STAND roof hook BASIC roof hook BASIC adjustable

• Item no.: 1503094

end cap for UP-L profile, black

TRI-STAND

• Item no.: 1502865



• Item no.: 1503146



• Variants: TS-30/32/35/40

• available in different lengths*



TRI-STAND SafeClick-Torx, black

• Item no.: 1502963



TRI-STAND end bracket TS-E, black

• Item no.: 1502307



TRI-STAND roof hook PLUS

• Bracket, Item no.: 1502982

• Plate 40/28, Item no.: 1502983

• Plate 49/37, Item no.: 1502984

• Plate 55/43, Item no.: 1502985



TRI-STAND hammer head bolt M10x30 A2, with locking nut



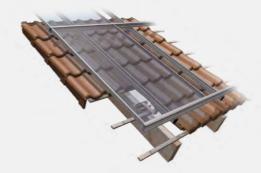
• Screw, Item no.: 1502255 • Locking nut, Item no.: 1502254



* Information on lengths and part numbers on request

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/

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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

info@tritec-energy.com www.tritec-energy.com



TRI-STAND

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



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



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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

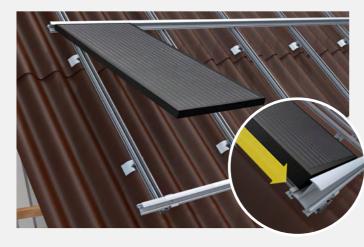
First, mount the TS-COR at the locations provided in the design plan using the existing roof screws¹.



2. Mounting the vertical universal profile (UP-X) The pre-assembled universal profiles are then securely screwed onto the TS-COR using 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

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TRI-STAND insertion profile, blank

Variants: TS-30/32/35/38/40
available in different lengths*



TRI-STAND insertion profile, black

Variants: TS-30/32/35/38/40
available in different lengths*



TRI-STAND end profile, blank

Variants: TS-30/32/35/40available in different lengths*



TRI-STAND end profile, black

- Variants: TS-30/32/35/40
- fferent lengths* available in different lengths*



TRI-STAND TS-COR, mounting bracket for corrugated fibre cement roof

• Item no.: 1503073



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

• other lengths on request?

• Item no.: 1503352



TRI-STAND SafeClick-Torx, blank

• Item no.: 1502870



TRI-STAND SafeClick-Torx, black

• Item no.: 1502963



TRI-STAND insertion profile connector TS-C, blank

• Item no.: 1502216



TRI-STAND insertion profile connector TS-C, black

• Item no.: 1502417



TRI-STAND end bracket TS-E, blank

• Item no.: 1502214



TRI-STAND end bracket TS-E, black

Item no.: 1502307



TRI-STAND universal profile connector UP-CX

 pre-assembled incl. hammer head bolt

• Item no.: 1502220



TRI-STAND Edge Clip cable fixation

Item no.: 1502246



TRI-STAND end cap for UP-X profile, black

Item no.: 1503185



TRI-STAND hammer head bolt M10x30 A2, with locking nut

• Screw, Item no.: 1502255

• Locking nut, Item no.: 1502254

* Information on lengths and part numbers on request

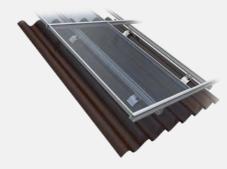


* Information on lengths and part number

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

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/





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Contact

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TRI-STAND

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



- 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

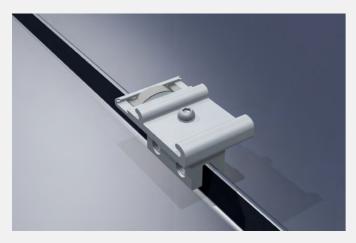


TRI-STAND FOR STANDING SEAM SHEET METAL

This way you easily increase your efficiency

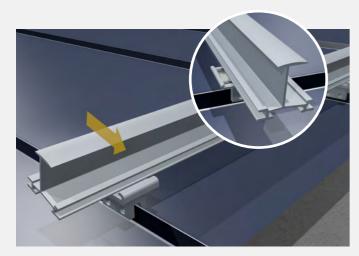
Realize your projects in an unbeatably short time: The smart planning software, the few components and the patented SafeClick assembly enable an extremely quick, safe and simple installation of the PV insertion system TRI-STAND on the roof. The PV modules are easily inserted into the insertion profiles 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

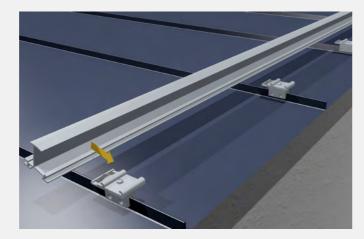


1. Mounting SafeClick

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



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. 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.



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 color selection "blank" (aluminum silver) and "black". Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.



RI-STAND insertion profile, blank

Variants: TS-30/32/35/38/40
available in different lengths*



TRI-STAND insertion profile, black

Variants: TS-30/32/35/38/40
available in different lengths*



TRI-STAND end profile, blank

5/38/40 • Variants: TS-30/32/35/40 lengths* • available in different lengths*



RI-STAND end profile black

Variants: TS-30/32/35/40

available in different lengths*



TRI-STAND insertion profile connector TS-C, blank

• Item no.: 1502216



TRI-STAND insertion profile connector TS-C, black

• Item no.: 1502417



lack TRI-STAND end bracket TS-E, blank

• Item no.: 1502214



TRI-STAND end bracket TS-E, black

• Item no.: 1502307



TRI-STAND double standing seam clamp up to 7 mm, blank

• pre-assembled incl. SafeClick

• Item no.: 1503183



TRI-STAND Edge Clip cable fixation

Item no.: 1502246



* Information on lengths and part numbers on request

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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/





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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Contact

info@tritec-energy.com www.tritec-energy.com



TRI-ROOF+

The perfect mounting solution for roof-integrated PV systems.



- 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

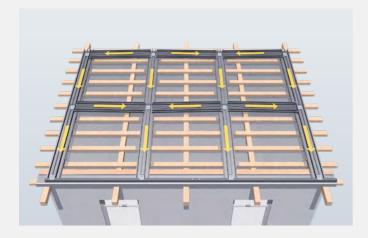


TRI-ROOF+ FOR IN-ROOF

This way you easily increase your efficiency

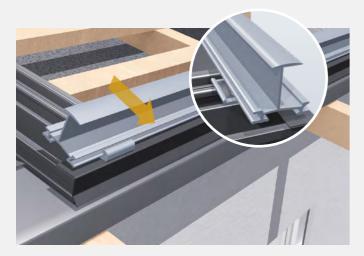
The TRI-ROOF+ in-roof mounting system replaces parts of the tile roof or the entire roof covering. Thanks to smart planning software and patented SafeClick mounting, the PV in-roof insertion system is extremely safe and easy to install on the roof. The innovative water drainage system ensures safe drainage 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.

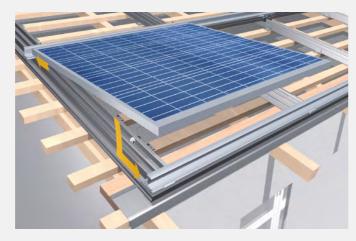


3. Clicking the TS insert profiles into the SafeClick The insertion profiles are clicked into the SafeClick and are floatingly connected to the roof. Damage to the roof and module caused by thermal expansion is thus avoided.



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

THE ADVANTAGES OF TRI-ROOF+

The smartly thought-out and aesthetic insertion system

The TRI-ROOF+ in-roof mounting system offers an unbeatable appearance with its homogeneous surface. Especially when using black components of the insertion system and black modules, the highest aesthetics are achieved. TRI-ROOF+ allows the use of all common types of modules from different manufacturers. The components of the insert system are statically tested and optimally designed for wind and snow loads. This means that the solar roof remains stable even in extreme weather conditions.

What TRI-ROOF+ offers



Pure aesthetics thanks to an invisible support system

TRI-ROOF+ scores with its extremely aesthetic appearance. This is because the support system replaces individual parts or entire roof coverings and is invisible compared to standardised on-roof mounting systems.



Dry by means of an innovative water drainage system

TRI-ROOF+ keeps tight.
The Rainwater is largely drained directly through the PV modules. The remaining water collects in the specially developed water-bearing support profiles, through which it is drained away.



Safe due to static testing and certification

All components of the TRI-ROOF+ in-roof mounting system are statically tested and optimally designed for wind and snow loads. The ISO-certified mounting system thus offers guaranteed safety on the roof.









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 "blank" (aluminum silver) and "black". Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.



TRI-STAND insertion profile, blank

- Variants: TS-30/32/35/38/40
- available in different lengths*



TRI-STAND insertion profile, black

- Variants: TS-30/32/35/38/40 • available in different lengths*



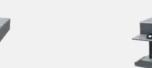
TRI-STAND end profile, blank

• Variants: TS-30/32/35/40 • available in different lengths*



TRI-STAND end profile, black

- Variants: TS-30/32/35/40
- available in different lengths*



TRI-ROOF+ end support TR-E+ TRI-ROOF+ centre support TR-M

• Item no.: 1502667



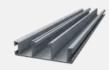
TRI-ROOF+ spacer TR-D

• Item no.: 1502668



TRI-ROOF+ flat connector

• Item no.: 1502308



TRI-ROOF+ in-roof profile IP 3,80 m

• Item no.: 1503174



TRI-ROOF+ horizontal rail TR-H 3,50 m

• Item no.: 1503187



TRI-STAND SafeClick-Torx, blank

• Item no.: 1502870



TRI-STAND SafeClick-Torx, black

• Item no.: 1502963





TRI-ROOF+ drip tray TR-H

• Item no.: 1502965

• Item no.: 1503031



TRI-STAND sliding nut M10

• Item no.: 1502219



MS EPDM module backup

• Item no.: 1502990



filling piece, black 30/35/40 mm

• 30 mm, item no.: 1502945

• 35 mm, item no.: 1502932

• 40 mm, item no.: 1502933



TRI-STAND insertion profile connector TS-C, blank

• Item no.: 1502216



TRI-STAND insertion profile connector TS-C, black

• Item no.: 1502417



TRI-STAND end bracket TS-E, blank

• Item no.: 1502214



TRI-STAND end bracket TS-E, black

• Item no.: 1502307



TRI-STAND hexagon bolt M10x25 A2

• Item no.: 1502256



TRI-STAND pan head screw

• 8.0 x 120 TX40, item no.: 1502282

• 8.0 x 80 TX40, item no.: 1502281



TRI-STAND hammer head bolt M10x30 A2, with locking nut

• Screw, Item no.: 1502255

• Locking nut, Item no.: 1502254



TRI-STAND thin sheet metal screw

• Item no.: 1502934



TRI-ROOF+ IP profile connector IP-C

• Item no.: 1502929



TRI-ROOF+ end plate below AU

• Item no.: 1502931



TRI-ROOF+ mounting clip TR-C

• Item no.: 1502544



TRI-ROOF+ in-roof profile holder IP-U

• Item no.: 1502930



TRI-ROOF+ round head screw

• Item no.: 1502547



TRI-STAND Edge Clip cable fixation

• Item no.: 1502246



TRI-STAND bending tool+

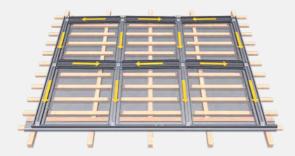
• Item no.: 1502935

* Information on lengths and part numbers on request

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Videos, planning and contact





Simply scan the QR code or visit the following 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/





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

Contact

info@tritec-energy.com www.tritec-energy.com



SIMPLE AND ECONOMICAL

Our PV clamp and flat-roof systems enable you to to implement your project extremely economically. With just a few components, you can realise your project efficiently.



THE COSTEFFICIENT CLASSIC

The TRI-CLIP clamping system is the perfect basis for a cost-effective, safe and solid installation of PV systems on tiled pitched roofs.



TRI-CLIP

The economical clamping system for PV systems on tiled roofs.



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

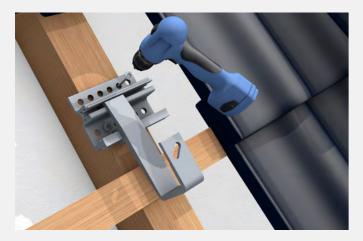


TRI-CLIP

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 vertical base profile (UP-L) 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 "blank" (aluminum silver) and "black". Completely tailored to your needs: The profiles and variants marked with * are available in different lengths on request.



middle clamp 30-40 mm, blank

• Item no.: 1503081



TRI-CLIP middle clamp 30-40 mm, black

• Item no.: 1503099



TRI-CLIP end clamp, blank

• 30 mm, item no.: 1503142 • 35 mm, item no.: 1503082

• 40 mm, item no.: 1503083



TRI-CLIP end clamp, black

30 mm, item no.: 1503143 35 mm, item no.: 1503100 40 mm, item no.: 1503101



TRI-STAND roof hook PLUS

• Bracket, Item no.: 1502982

• Plate 40/28, Item no.: 1502983 • Plate 49/37, Item no.: 1502984

• Plate 55/43, Item no.: 1502985



TRI-STAND roof hook BASIC

• Item no.: 1503094



TRI-STAND roof hook BASIC adjustable

• Item no.: 1503146





universal profile UP-L 3,70 m, blank

• Item no.: 1503168 • other lengths on request*



universal profile UP-L 3,70 m, black

• Item no.: 1503169 • other lengths on request*



TRI-STAND universal profile connector UP-C

• pre-assembled incl. screws

Item no: 1502217



end cap for UP-L profile, black

• Item no.: 1502865



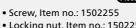
TRI-STAND Edge Clip cable fixation

Item no.: 1502246



TRI-STAND hammer head bolt M10x30 A2, with locking nut

• Locking nut, Item no.: 1502254



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/





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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TRI-FLAT EASYSPEED

The innovative flat roof system.



- 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.













THE SYSTEM COMPONENTS

All components at a glance



TRI-FLAT Easyspeed small raiser

• Item no.: 1503301



TRI-FLAT Easyspeed large raiser

• Item no.: 1503302



• Dimensions: 700 x 140 mm

TRI-FLAT Easyspeed large plate 220

• Dimensions: 700 x 220 mm

• Item no.: 1503314

• Item no.: 1503312

TRI-FLAT Easyspeed small plate 140 TRI-FLAT Easyspeed large plate 140

• Dimensions: 480 x 140 mm • Item no.: 1503303



TRI-FLAT Easyspeed small plate 220

• Dimensions: 480 x 220 mm • Item no.: 1503313



TRI-FLAT Easyspeed shim

Easyspeed small cable cover

• Item no.: 1503308



• Item no.: 1503330



• Item no.: 1503307



• Item no.: 1503311



TRI-FLAT Easyspeed ballast brace

TRI-FLAT Easyspeed large cable cover



TRI-FLAT Easyspeed washer

TRI-FLAT Easyspeed end clamp

• 30 mm, item no.: 1503305

• 32 mm, item no.: 1503318

• 35 mm, item no.: 1503306

• 40 mm, item no.: 1503335

TRI-FLAT Easyspeed

• Item no.: 1503304

TRI-FLAT Easyspeed

Ballast tray 2025

Ballast tray 2225

Ballast tray 2475

• Item no.: 1503323

• Item no.: 1503321

• Item no.: 1503322

ballast tray 2025 / 2225 / 2475

• Modul length: 1.650 - 1.850 mm

• Modul length: 1.851 - 2.050 mm

• Modul length: 2.051 - 2.300 mm

middle clamp 30-40 mm

• Item no.: 1503342



TRI-FLAT Easyspeed wind deflector plate 1945 / 2145 / 2395

- 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



TRI-FLAT Easyspeed gravel ballast tray 2025 / 2225 / 2475

Gravel ballast tray 2025

- Modul length: 1.650 1.850 mm
- Item no.: 1503325

Gravel ballast tray 2225

- Modul length: 1.851 2.050 mm
- Item no.: 1503326

Gravel ballast tray 2475

- Modul length: 2.051 2.300 mm
- Item no.: 1503327



Easyspeed hexagon socket bolt

• Item no.: 1503341



Easyspeed wind deflector plate clip

• Item no.: 1503340



TRI-STAND **Edge Clip Cable Tie TS-EC**

• Item no.: 1502246

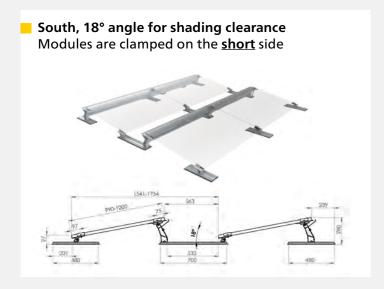


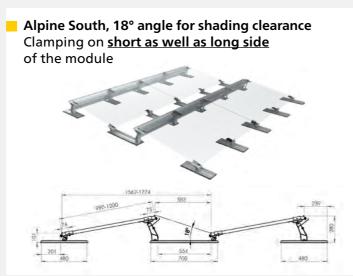


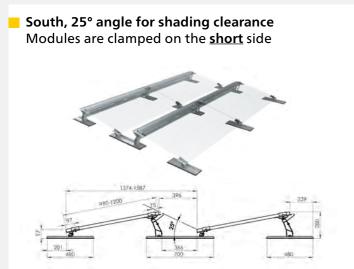
SYSTEM OVERVIEW

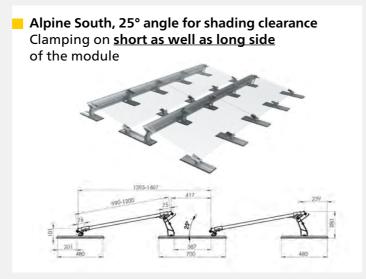
One system - many possibilities

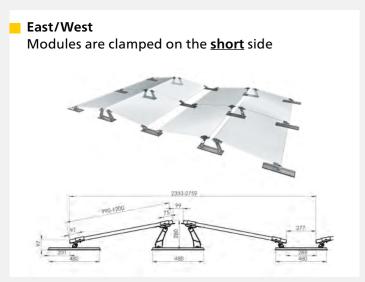
Simply fast on the roof: The TRI-FLAT Easyspeed flat roof system in many variants.

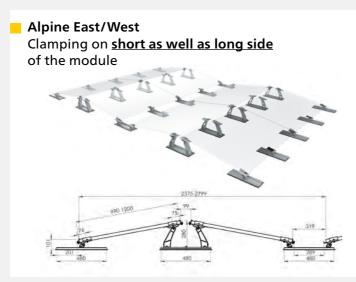












BALLAST VARIANTS

Ballast brace or ballast tray

Ballast brace









Ballast tray







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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
Row spacing:	South 18°: 563 mm South 25°: 396 mm East/West: 376 mm
Distance from roof surface:	Approx. 70 mm
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/m²
Snow load:	Up to 5,4 kN/m²
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.



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