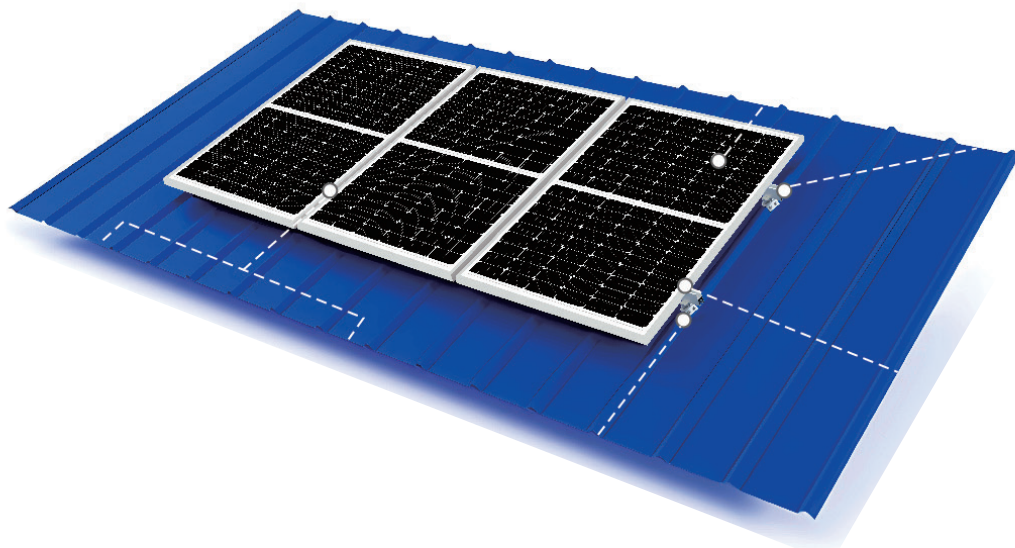




Meaningful Innovation.

INSTRUCTION MANUAL

L FEET GROUP



SKU

11583

INTRODUCTION

Thank you for selecting and buying V-TAC Product. V-TAC will serve you the best. Please read these instructions carefully & keep this user manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.



MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

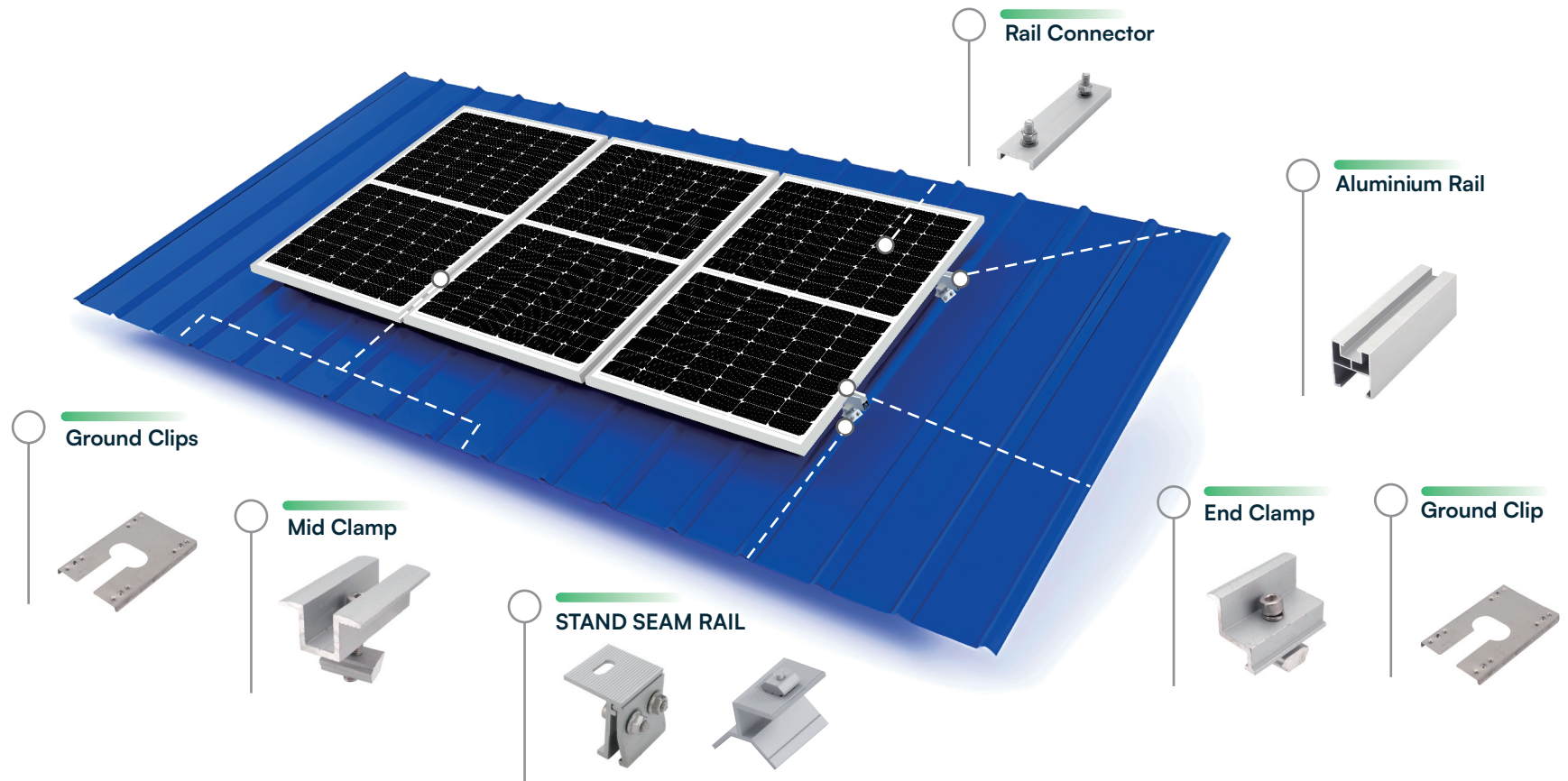
SKU	DESCRIPTION
11390	SILVER RAIL 1200MM FOR SOLAR PANEL 4PCS/SET
11389	MIDDLE CLAMP 35MM FOR SOLAR PANEL 8PCS/SET
11391	ROOFTOP HOOK FOR SOLAR PANEL 5PCS/SET
11392	TT NUT FOR SOLAR PANEL 20PCS/SET
11393	SCREW M6*50MM FOR SOLAR PANEL 30PCS/SET
11394	SPLICE FOR SILVER RAIL 8PCS/SET
11395	GROUNDING PLATE FOR SOLAR PANEL 8PCS/SET
11388	END CLAMP 35MM FOR SOLAR PANEL 4PCS/SET

11385	ADJUSTABLE REAR LEG (H280-415mm/10°-15°) FOR SOLAR PANEL
11386	ADJUSTABLE REAR LEG (H420-700mm/15°-30°) FOR SOLAR PANEL
11387	TRIANGLE SUPPORT WITH ADJUSTABLE ANGLE 10°-15° FOR SOLAR PANEL
11417	ADJUSTABLE FRONT LEG FOR SOLAR PANEL
11538	SILVER RAIL 2000MM FOR SOLAR PANEL 4PCS/SET

IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.
V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

CORRUGATED SHEET METAL BRACKETS

Customization of Solar Mounting System



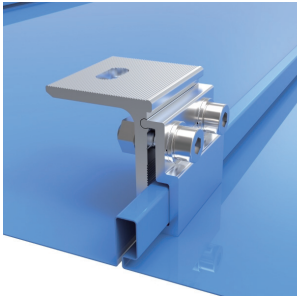
* The final solution will be defined according to the project condition.

V-TAC CORRUGATED SHEET METAL BRACKETS INSTALLATION MANUAL



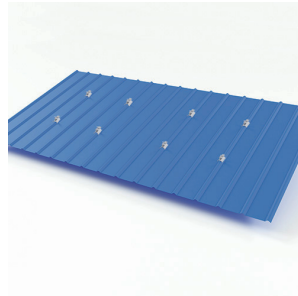
Step 1

Select the suitable clamps to stand on the metal tile.



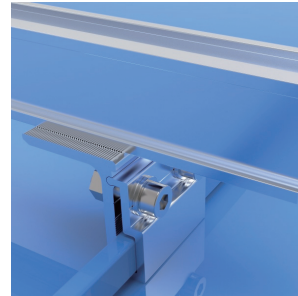
Step 2

Fix the rest clamps as the same way.



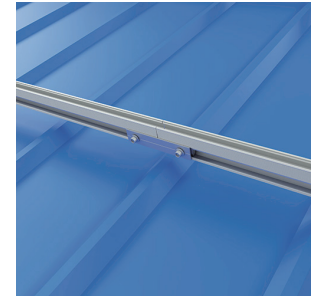
Step 3

Install the suitable rails on the clamps with screws.



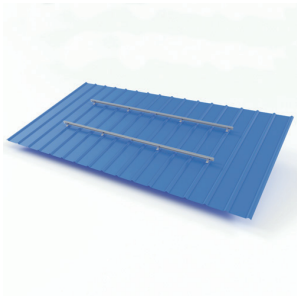
Step 4

Connect the rails with splice.



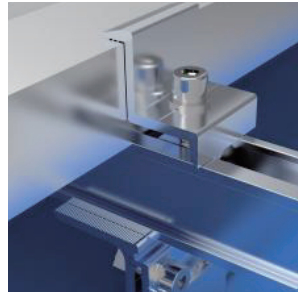
Step 5

Finish the installation of rails as same way.



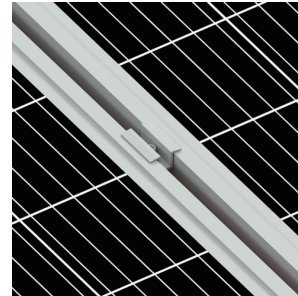
Step 6

Fix solar panels on the rails with end clamps.



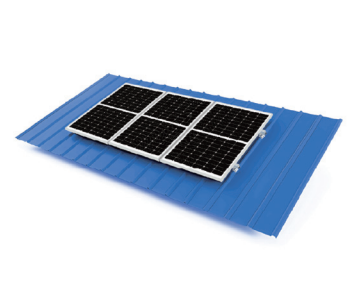
Step 7

Fix two solar panels on the rails with mid clamps.



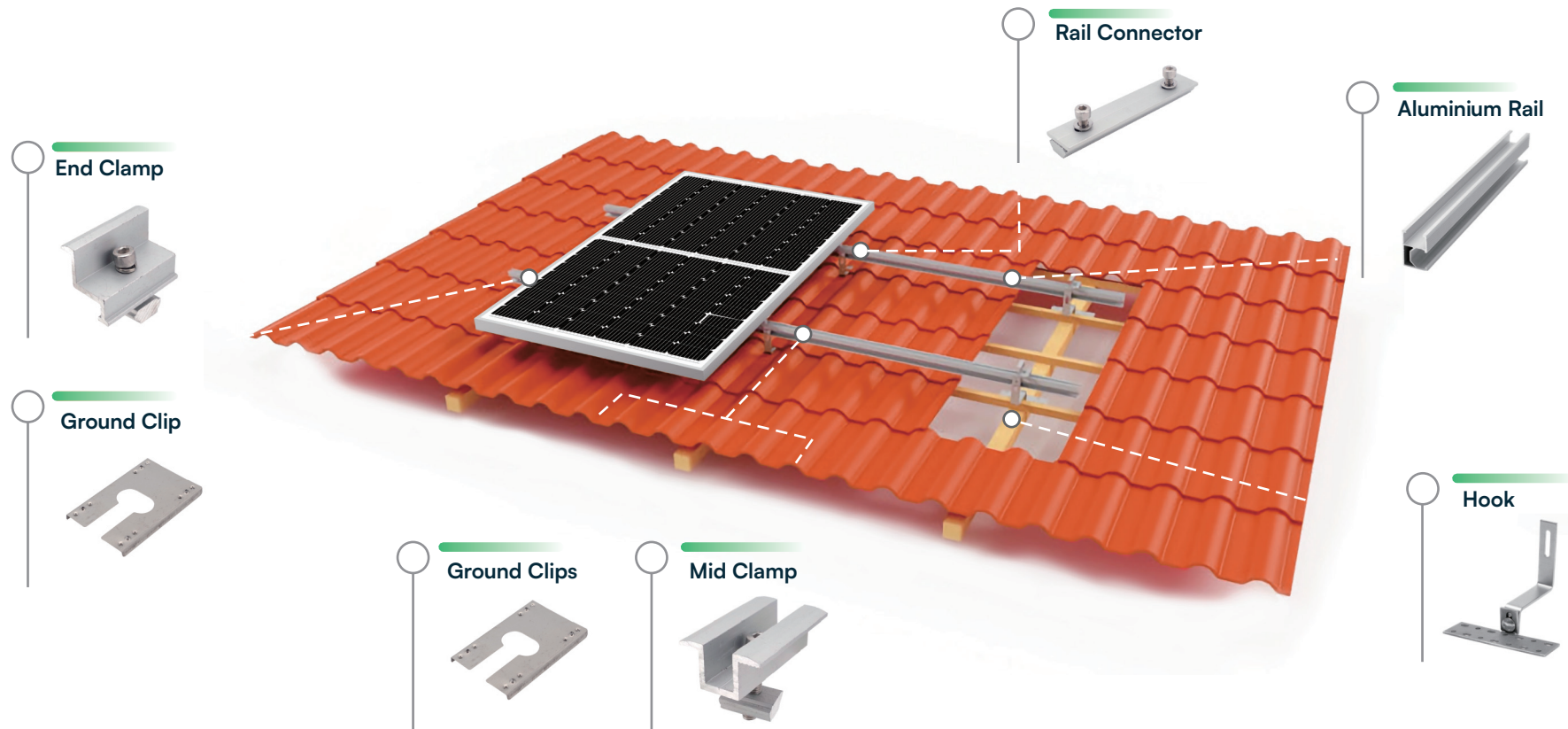
Step 8

Finish the installation.



PITCHED TILE ROOF BRACKETS

Customization of Solar Mounting System



* The final solution will be defined according to the project condition.

V-TAC PITCHED TILE ROOF BRACKETS INSTALLATION MANUAL



Step 1

Move away the glazed tile.



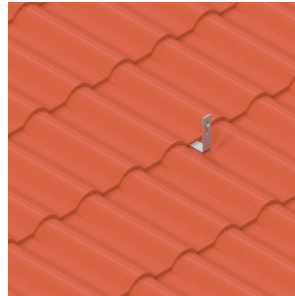
Step 2

Fix the SUS304 hooks on the rafter with screws.



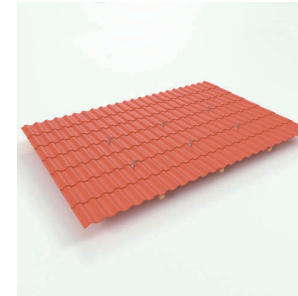
Step 3

After fixing the hooks, move back the glazed tile.



Step 4

Install the rest hooks as the same way.



Step 5

Install the rails on the hooks with slider nuts.



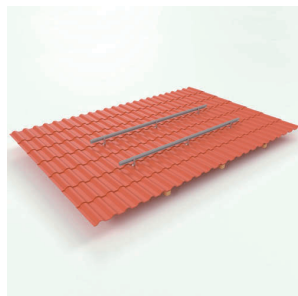
Step 6

Finish the installation of rails as same way.



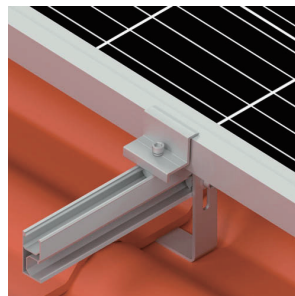
Step 7

Finish the installation of rails as same way.



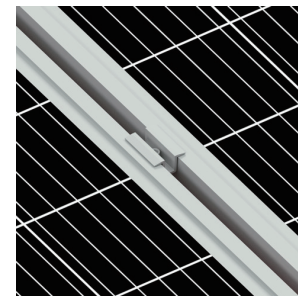
Step 8

Fix solar panels on the rails with end clamps.



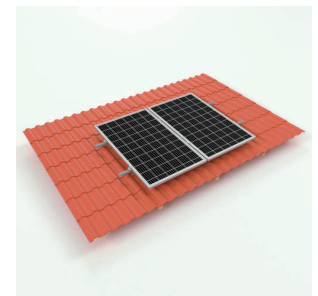
Step 9

Fix two solar panels on the rails with mid clamps.



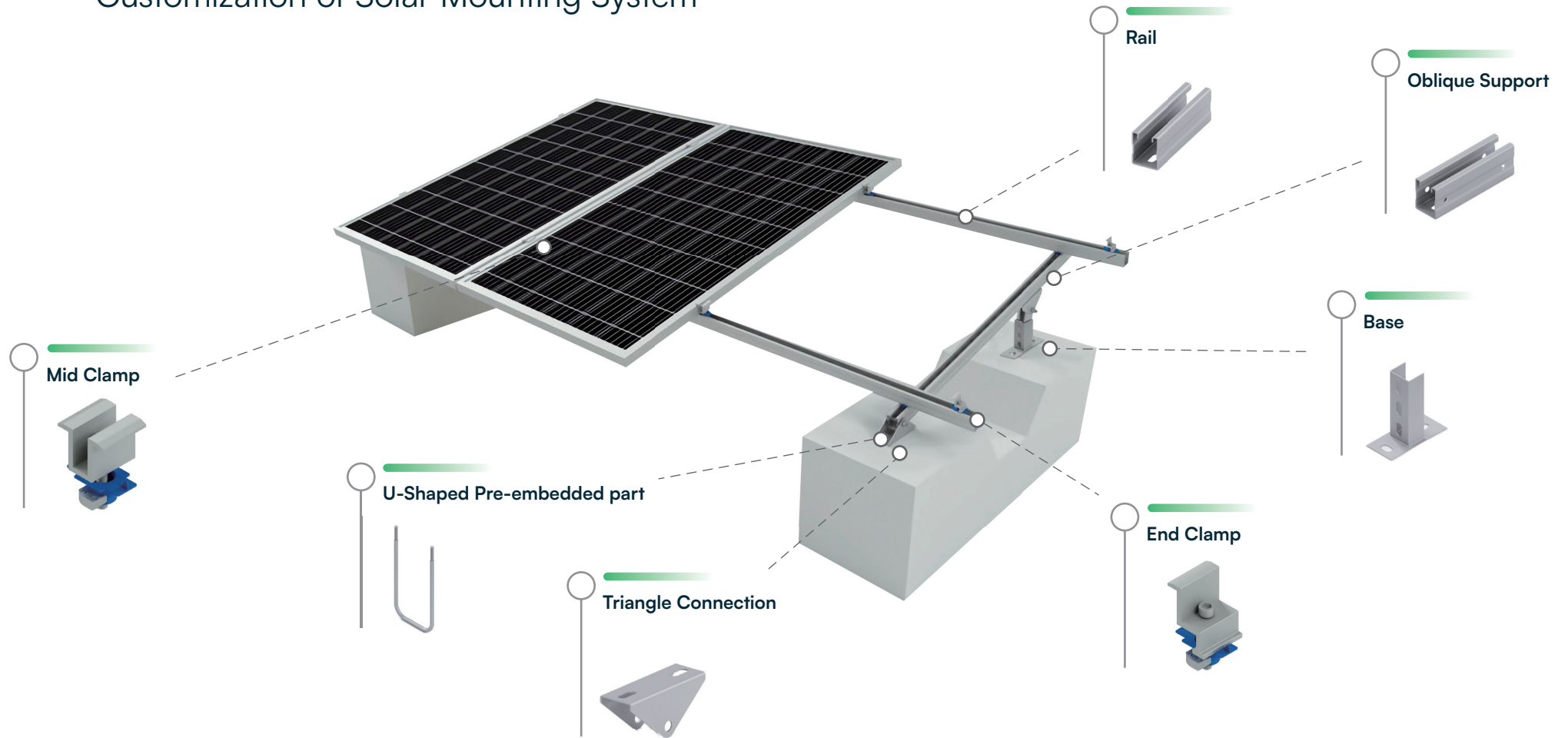
Step 10

Finish the installation.



CONCRETE FLAT ROOF BRACKETS

Customization of Solar Mounting System



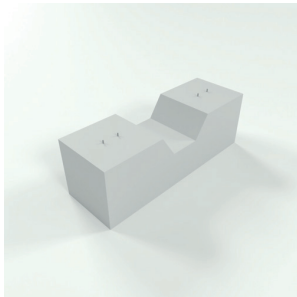
* The final solution will be defined according to the project condition.

V-TAC CONCRET FLAT ROOF BRACKETS INSTALLATION MANUAL



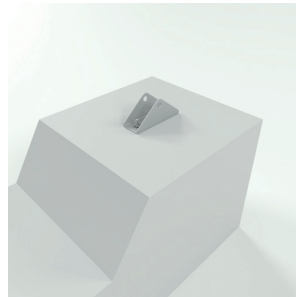
Step 1

Pre-embed the U-shaped parts in the concret block.



Step 2

Install the base and triangle.



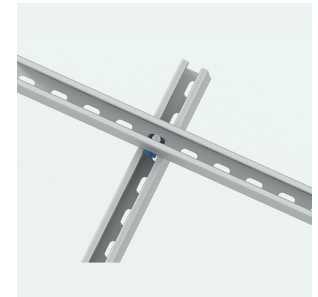
Step 3

Install the column and oblique support on the base.



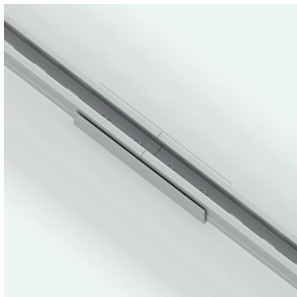
Step 4

Fix rails on triangle with screws.



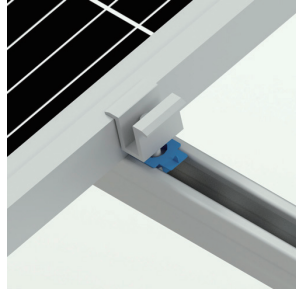
Step 5

Connect the rails with connection.



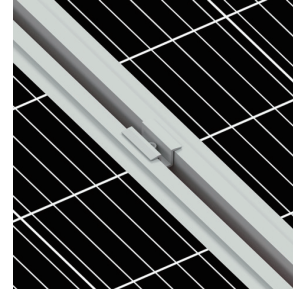
Step 6

Fix solar panels on the rails with end clamps.



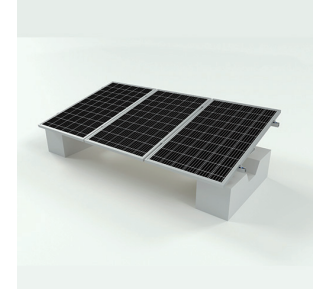
Step 7

Fix two solar panels with mid clamps.



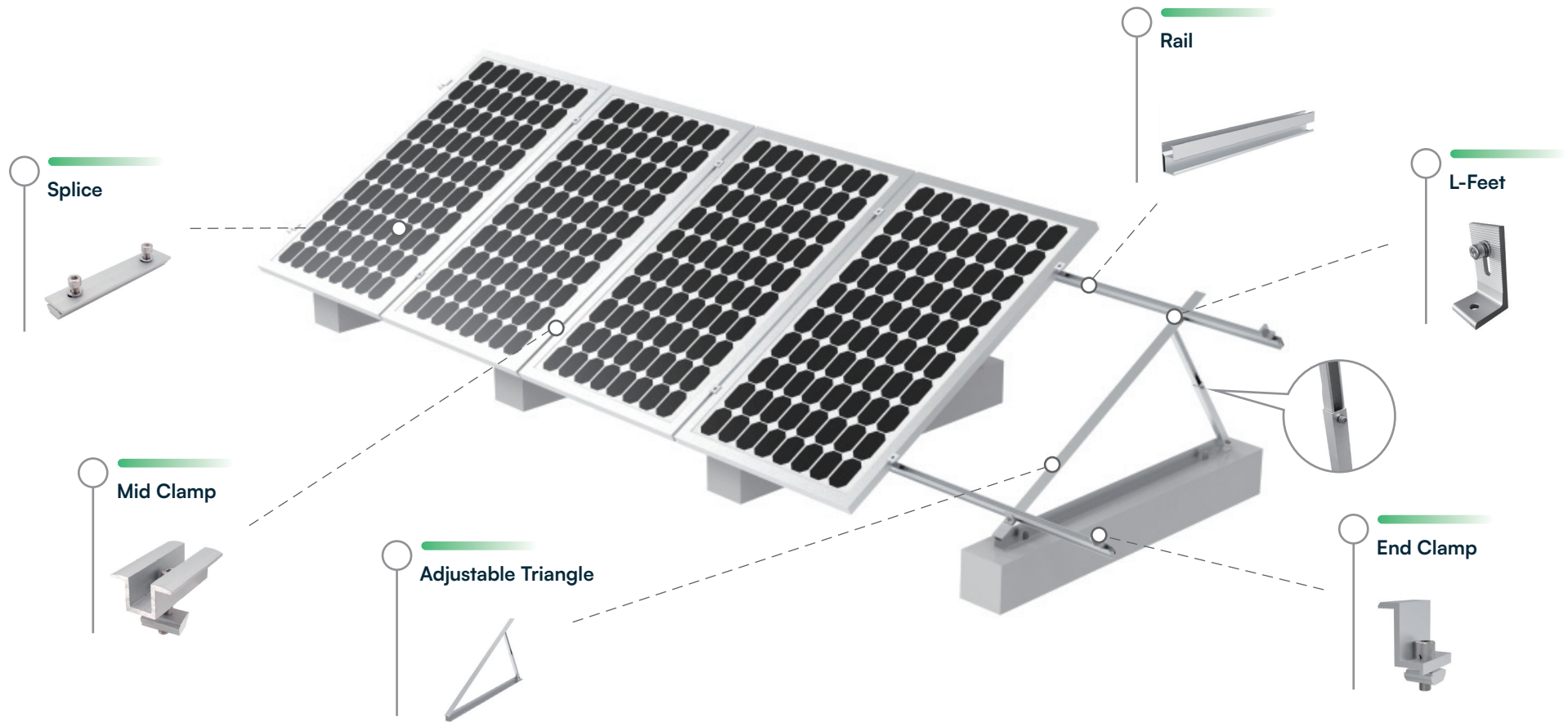
Step 8

Finish the installation.



FLAT ROOF ADJUSTABLE TRIANGLE BRACKETS

Customization of Solar Mounting System



* The final solution will be defined according to the project condition.

V-TAC FLAT ROOF ADJUSTABLE TRIANGLE BRACKETS INSTALLATION MANUAL



Step 1

Unfold the pre-assembled adjustable triangle, adjust the length of the side column according to the required optimal tilt angle, then lock the bolt tightly;



Step 2

Install the rails on the adjustable triangle with the L-Feet, lock the bolt tightly and make sure all rails are in same level.



Step 3

Connect the rails with splice.



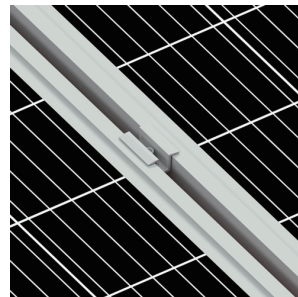
Step 4

Fix solar panels on the rails with end clamps



Step 5

Fix two solar panels with mid clamps.



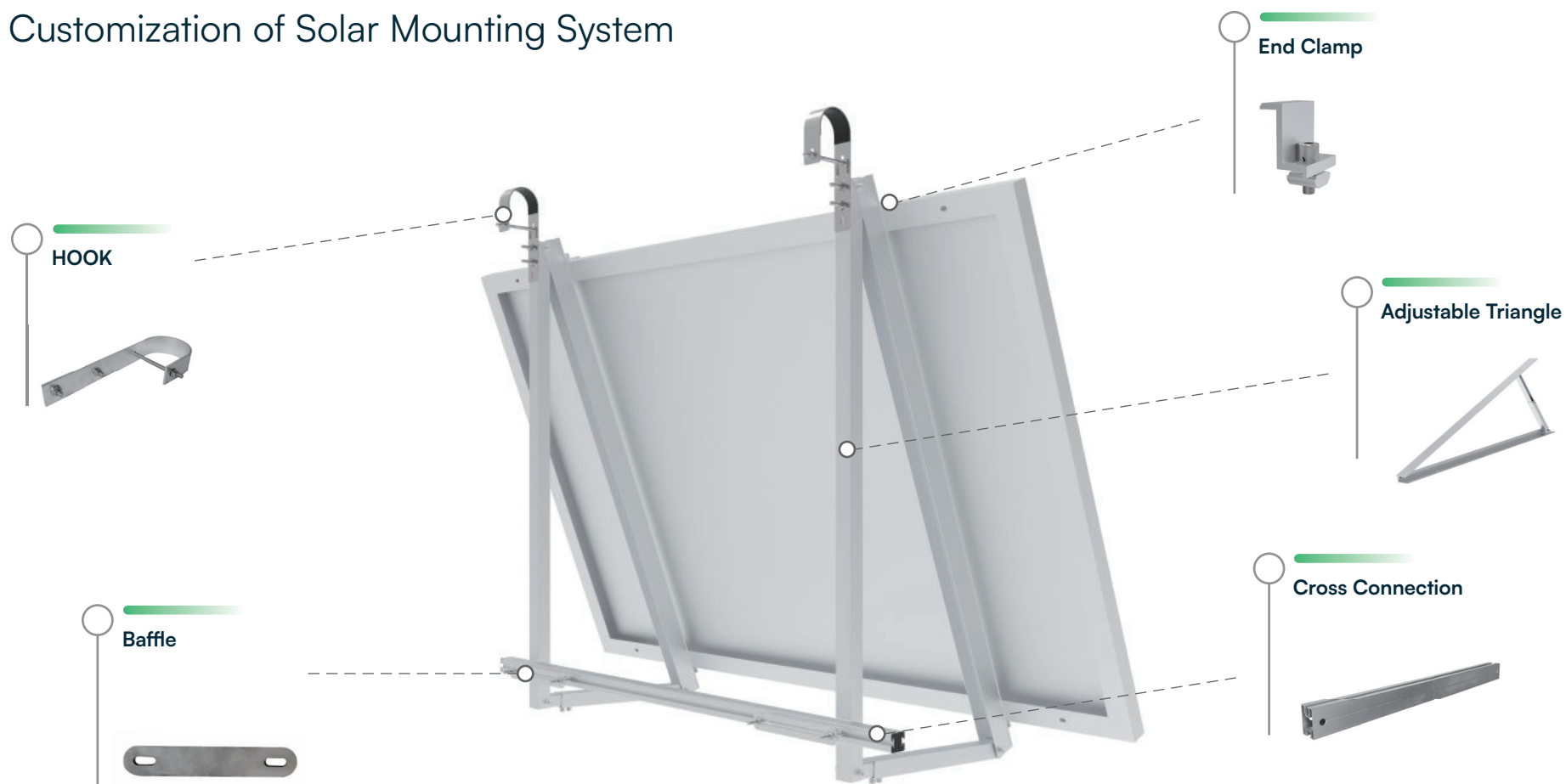
Step 6

Finish the installation.



ADJUSTABLE BALCONY BRACKETS

Customization of Solar Mounting System



* The final solution will be defined according to the project condition.

V-TAC ADJUSTABLE BALCONY BRACKETS INSTALLATION MANUAL



Step 1

Unfold the pre-assembled adjustable triangle, adjust the length of the side column according to the required optimal tilt angle, then lock the bolt tightly;



Step 2

Fix the Hooks with screws.



Step 3

Connect two triangles with cross connection



Step 4

Fix solar panels on the triangles with end clamps



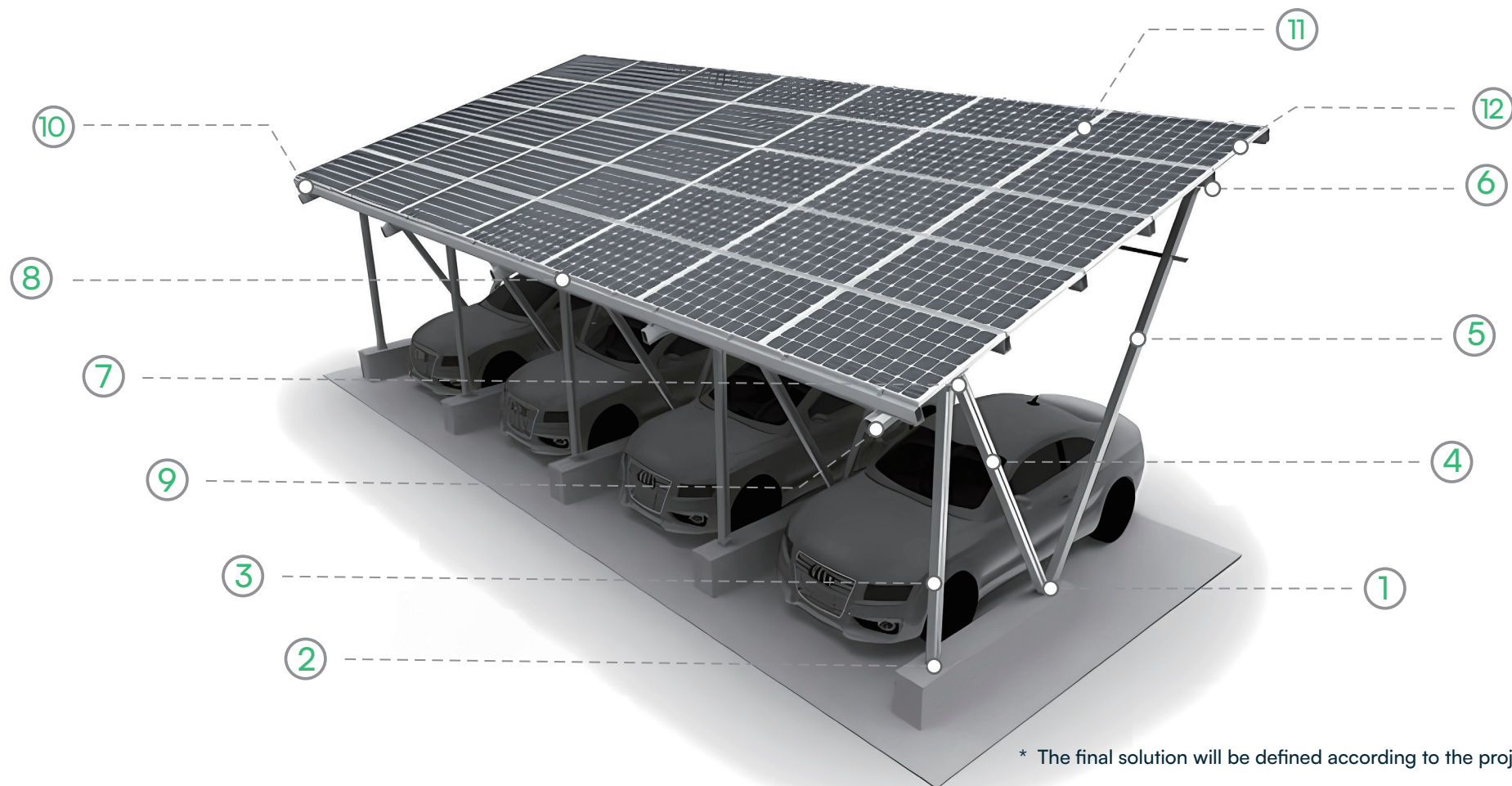
Step 5

Finish the Installation.



SOLAR CARPORT BRACKETS

Customization of Solar Mounting System



* The final solution will be defined according to the project condition.

V-TAC ACCESSORIES OF SOLAR CARPORT BRACKETS



1

Base (300mm)



2

Base (200mm)



3

Carport Tube (2500mm)



4

Carport Tube (3760mm)



5

Carport Tube (2950mm)



6

H Jacket (150mm)



7

H Jacket (220mm)



8

Crossbar Rail



9

Carport Stringer



10

Clamping kit (35mm)



11

Mid Clamp (35mm)



12

End Clamp (35mm)





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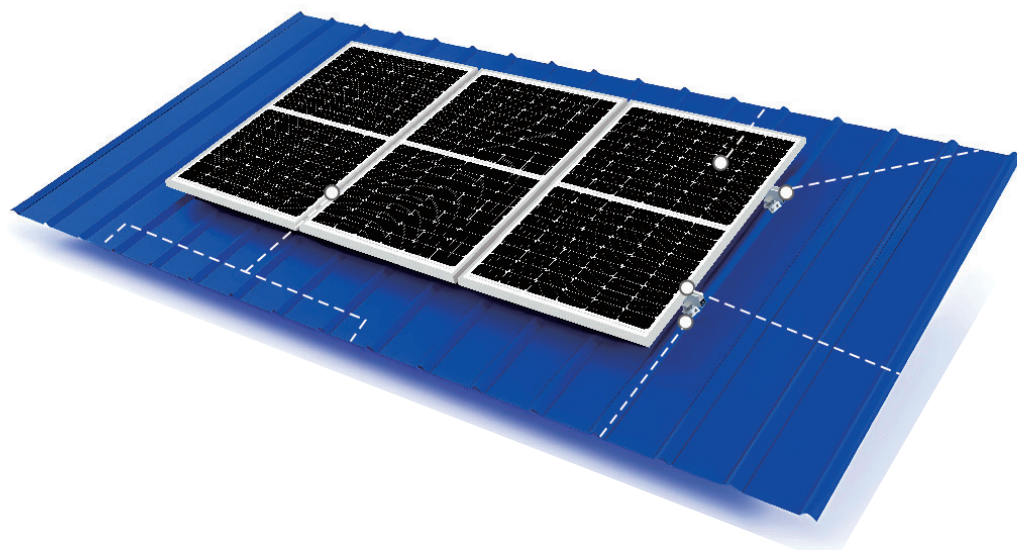
РЪКОВОДСТВО ЗА УПОТРЕБА

L FEET GROUP

SKU 11583

ВЪВЕДЕНИЕ

Благодарим ви, че избрахте и закупихте продукт на V-TAC. V-TAC ще ви служи по най-добрия начин. Моля, прочетете внимателно тези инструкции и пазете това ръководство за потребителя под ръка за бъдещи справки. Ако имате някакви други въпроси, моля, свържете се с нашия дилър или с местния продавач, от когото сте закупили продукта. Те са обучени и са готови да ви обслужват по най-добрия начин.



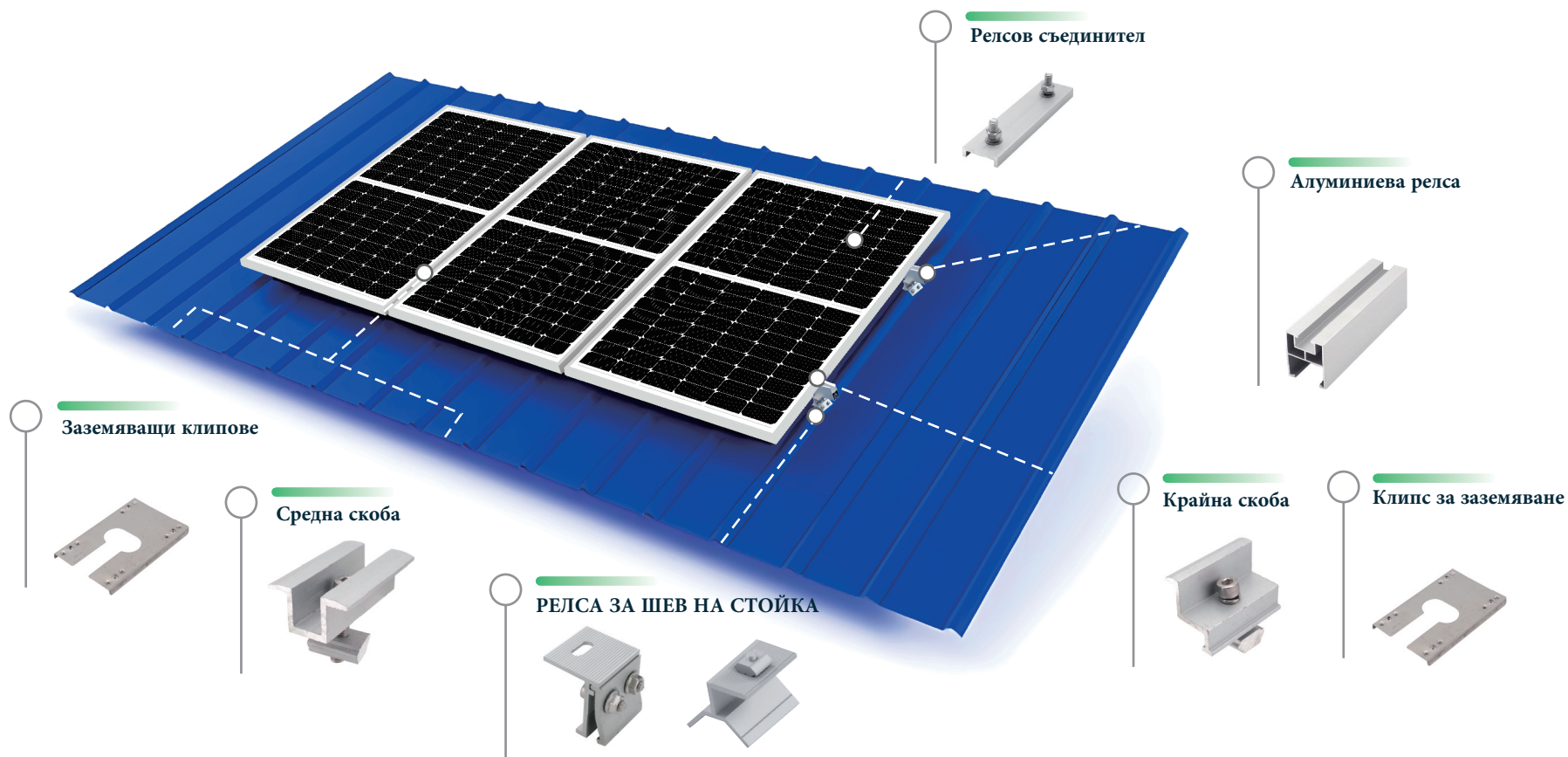
SKU	ОПИСАНИЕ
11390	СРЕБЪРНА РЕЛСА 1200MM ЗА СЛЪНЧЕВ ПАНЕЛ 4PCS/SET
11389	СРЕДНА СКОБА 35MM ЗА СЛЪНЧЕВ ПАНЕЛ 8PCS/SET
11391	КУКА ЗА ПОКРИВ ЗА СЛЪНЧЕВ ПАНЕЛ 5PCS/SET
11392	ТТ ГАЙКА ЗА СЛЪНЧЕВ ПАНЕЛ 20PCS/SET
11393	ВИНТ М6*50MM ЗА СОЛАРЕН ПАНЕЛ 30PCS/SET
11394	СЪЕДИНИТЕЛ ЗА СРЕБЪРНА РЕЛСА 8PCS/SET
11395	ЗАЗЕМИТЕЛНА ПЛОЧА ЗА СЛЪНЧЕВ ПАНЕЛ 8PCS/SET
11388	КРАЙНА СКОБА 35MM ЗА СЛЪНЧЕВ ПАНЕЛ 4PCS/SET

11385	РЕГУЛИРУЕМ ЗАДЕН КРАК (H280-415mm/10°-15°) ЗА СОЛАРЕН ПАНЕЛ
11386	РЕГУЛИРУЕМ ЗАДЕН КРАК (H420-700mm/15°-30°) ЗА СОЛАРЕН ПАНЕЛ
11387	ТРИЪГЪЛНА ОПОРА С РЕГУЛИРУЕМ ЪГЪЛ 10°-15° ЗА СОЛАРЕН ПАНЕЛ
11417	РЕГУЛИРУЕМ ПРЕДЕН КРАК ЗА СОЛАРЕН ПАНЕЛ
11538	СРЕБЪРНА РЕЛСА 2000MM ЗА СЛЪНЧЕВ ПАНЕЛ 4PCS/SET

В СЛУЧАЙ НА ЗАПИТВАНЕ/ПРОБЛЕМ С ПРОДУКТА, МОЛЯ, СВЪРЖЕТЕ СЕ С НАС НА: SUPPORT@V-TAC.EU
ЗА ПОВЕЧЕ ПРОДУКТОВА ГАМА, ЗАПИТВАНЕ, МОЛЯ, СВЪРЖЕТЕ СЕ С НАШИЯ ДИСТРИБУТОР ИЛИ НАЙ-БЛИЗКИТЕ ДИЛЪРИ. V-TAC EUROPE LTD. БЪЛГАРИЯ, ПЛОВДИВ 4000, БУЛ.Л.КАРАВЕЛОВ 9Б

СКОБИ ОТ ГОФРИРАНА ЛАМАРИНА

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

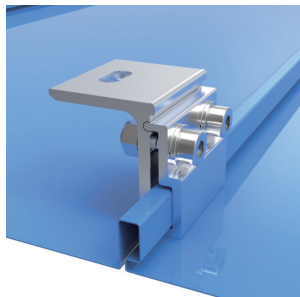
СКОБИ ОТ ГОФРИРАНА ЛАМАРИНА V-TAC

РЪКОВОДСТВО ЗА ИНСТАЛИРАНЕ



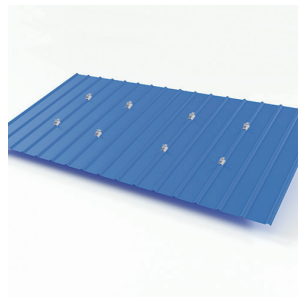
Стъпка 1

Изберете подходящи скоби за поставяне върху металната плочка.



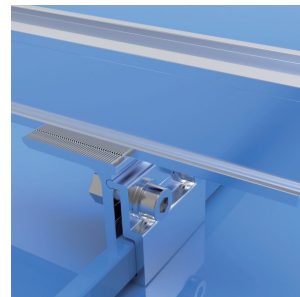
Стъпка 2

По същия начин закрепете и останалите скоби.



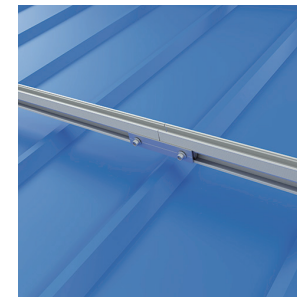
Стъпка 3

Монтирайте подходящите релси върху скобите с помощта на винтове.



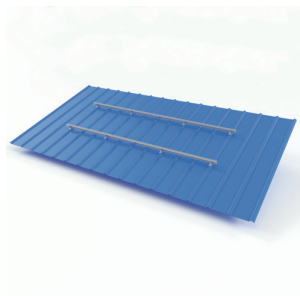
Стъпка 4

Свържете релсите със снаждане.



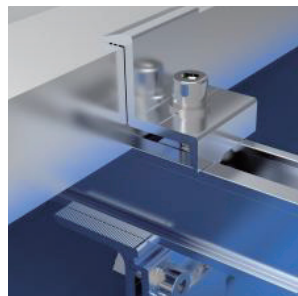
Стъпка 5

Завършете монтажа на релсите по същия начин.



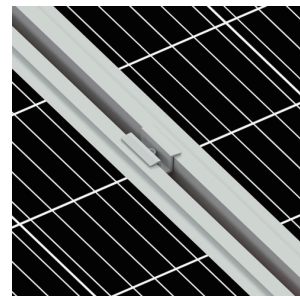
Стъпка 6

Фиксирайте слънчевите панели върху релсите с помощта на крайни скоби.



Стъпка 7

Закрепете два соларни панела върху релсите със средни скоби.



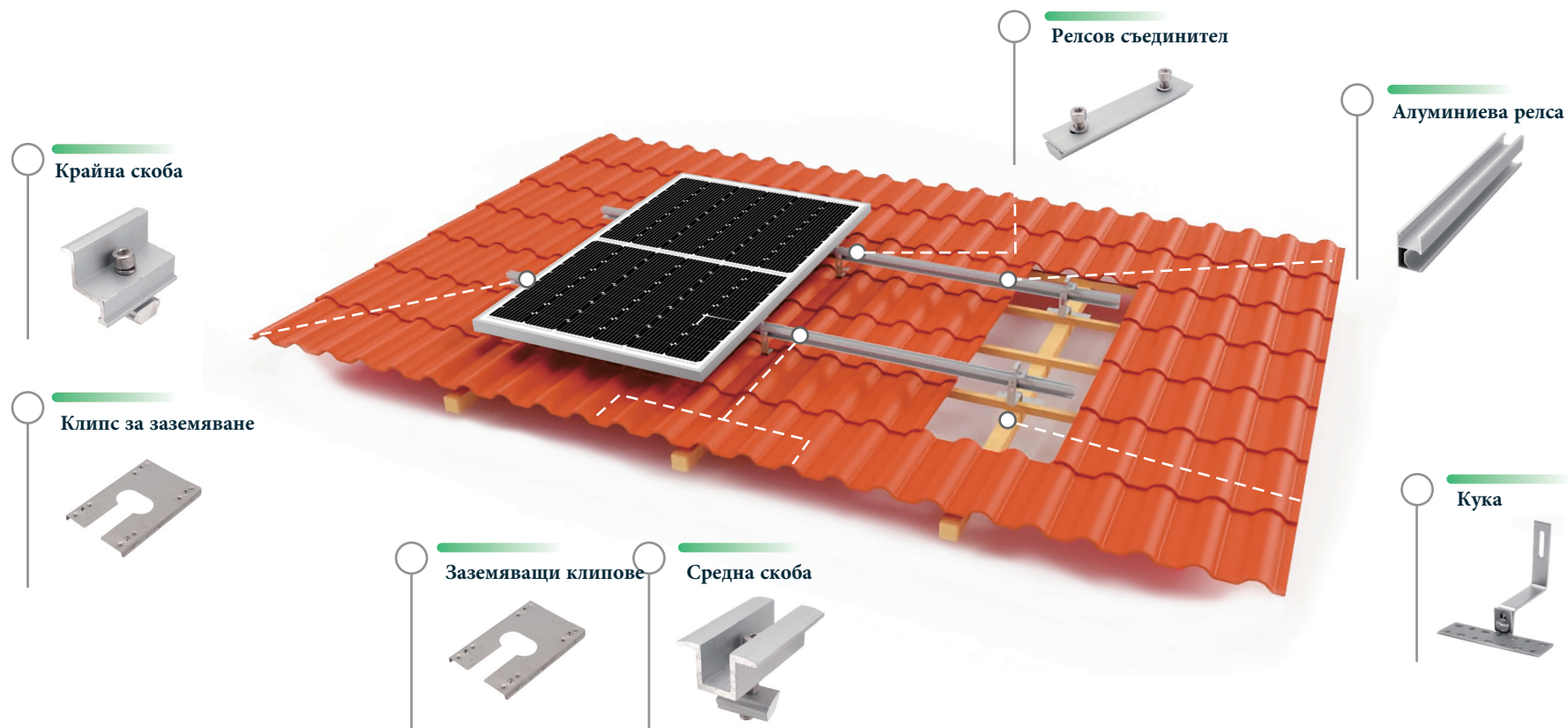
Стъпка 8

Завършете инсталацията.



СКОБИ ЗА СКАТНИ ПЛОЧКИ

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

СКОБИ ЗА СКАТЕН ПОКРИВ С КЕРЕМИДИ V-TAC

РЪКОВОДСТВО ЗА ИНСТАЛИРАНЕ



Стъпка 1

Преместете остъклената плочка.



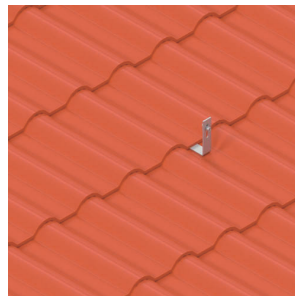
Стъпка 2

Закрепете куките SUS304 към гредите с винтове.



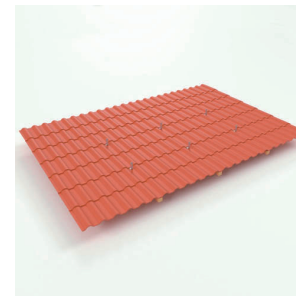
Стъпка 3

След фиксиране на куките преместете обратно остъклената плочка.



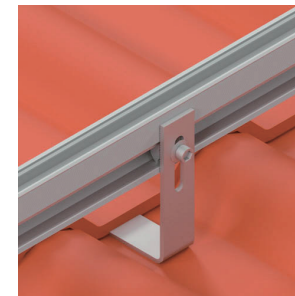
Стъпка 4

Монтирайте останалите куки по същия начин.



Стъпка 5

Монтирайте релсите върху куките с помощта на гайки за плъзгане.



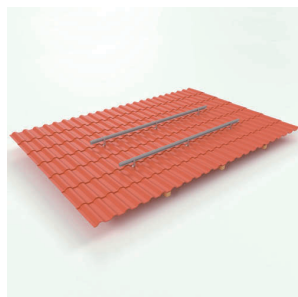
Стъпка 6

Завършете монтажа на релсите по същия начин.



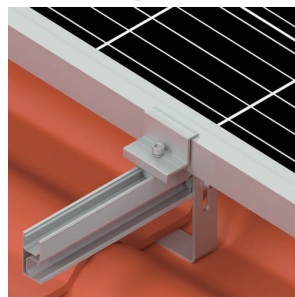
Стъпка 7

Завършете монтажа на релсите по същия начин.



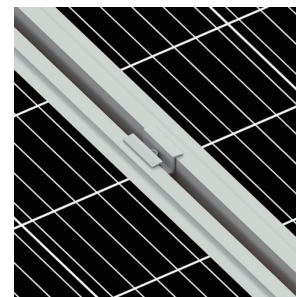
Стъпка 8

Фиксирайте слънчевите панели върху релсите с помощта на крайни скоби.



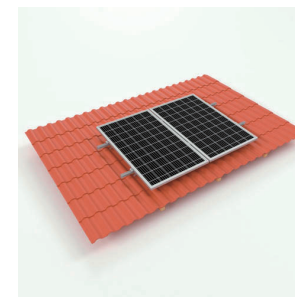
Стъпка 9

Закрепете два соларни панела върху релсите със средни скоби.



Стъпка 10

Завършете инсталацията.



БЕТОННИ СКОБИ ЗА ПЛОСЪК ПОКРИВ

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

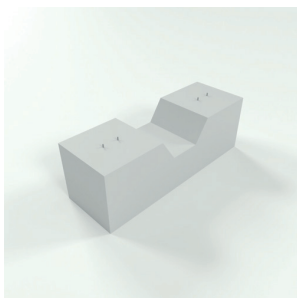
КОНЗОЛИ ЗА ПЛОСЪК ПОКРИВ V-TAC CONCRET

РЪКОВОДСТВО ЗА ИНСТАЛИРАНЕ



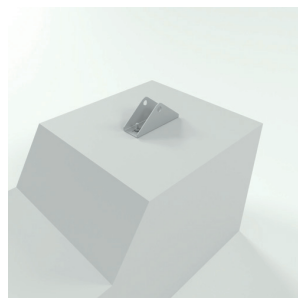
Стъпка 1

Предварително вградете U-образните части в бетонния блок.



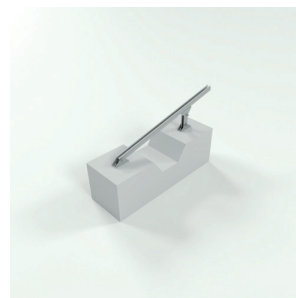
Стъпка 2

Монтирайте основата и триъгълника.



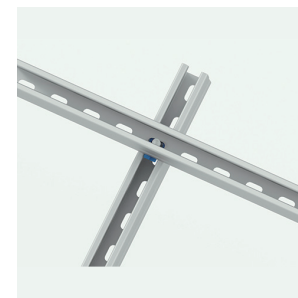
Стъпка 3

Монтирайте колоната и наклонената опора върху основата.



Стъпка 4

Закрепете релсите върху триъгълника с винтове.



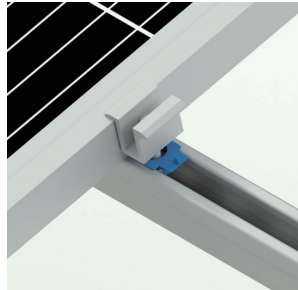
Стъпка 5

Свържете релсите с връзка.



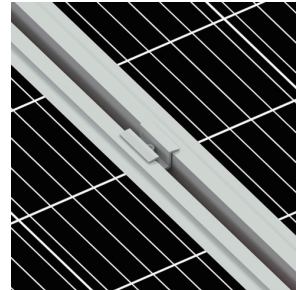
Стъпка 6

Фиксирайте слънчевите панели върху релсите с помощта на крайни скоби.



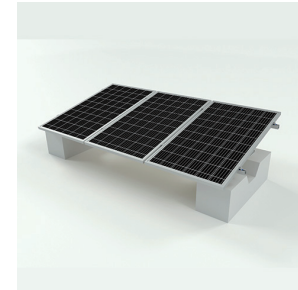
Стъпка 7

Закрепете два слънчеви панела със средни скоби.



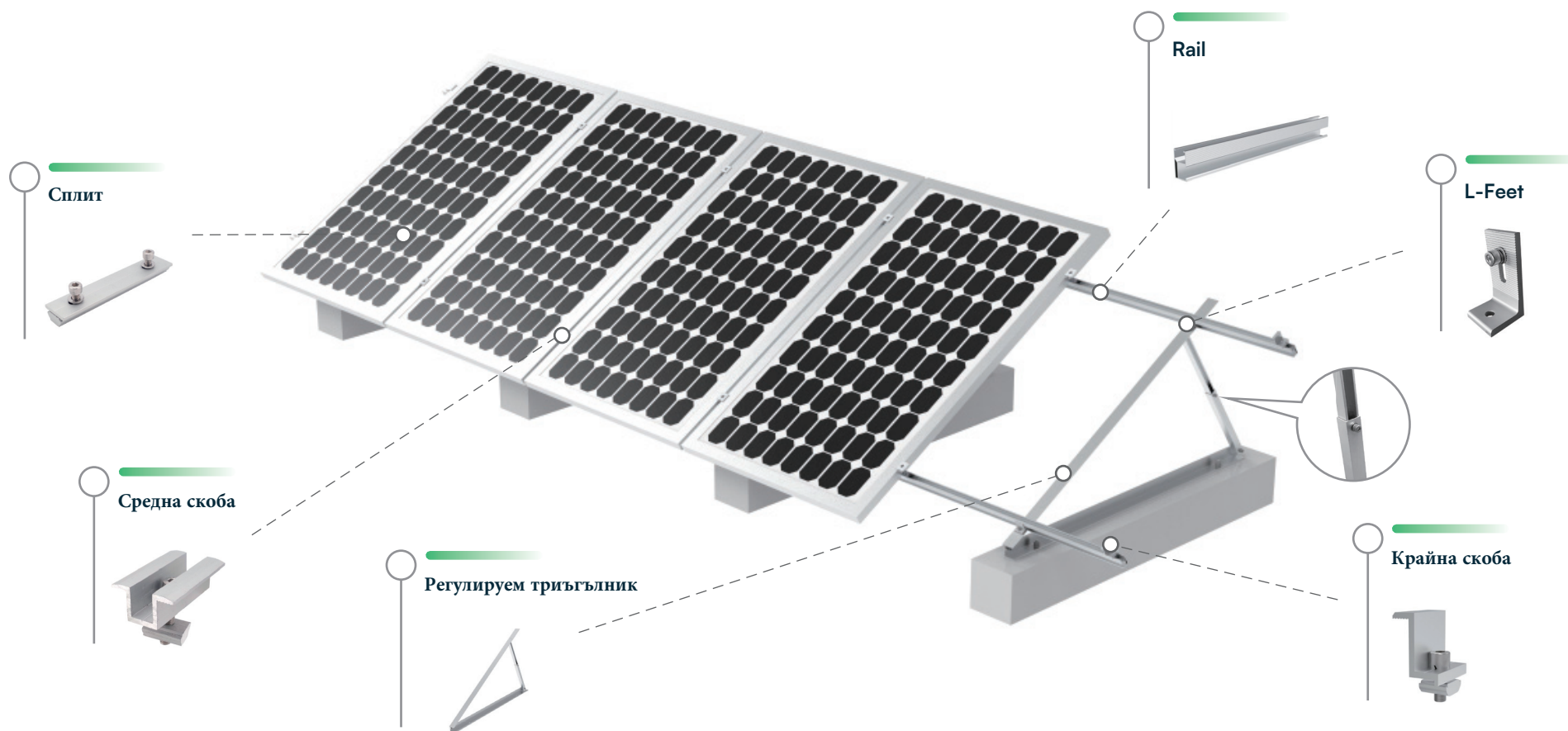
Стъпка 8

Завършете инсталацията.



РЕГУЛИРУЕМИ ТРИЪГЪЛНИ СКОБИ ЗА ПЛОСЪК ПОКРИВ

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

РЕГУЛИРУЕМИ ТРИЪГЪЛНИ СКОБИ ЗА ПЛОСЪК ПОКРИВ V-TAC

РЪКОВОДСТВО ЗА ИНСТАЛИРАНЕ



Стъпка 1

Разгънете предварително сглобения регулируем триъгълник, регулирайте дължината на страничната колона според необходимия оптимален ъгъл на наклон, след което застопорете здраво болта;



Стъпка 2

Монтирайте релсите върху регулируемия триъгълник с помощта на Г-образния крак, застопорете здраво болта и се уверете, че всички релси са на едно и също ниво.



Стъпка 3

Свържете релсите със снаждане.



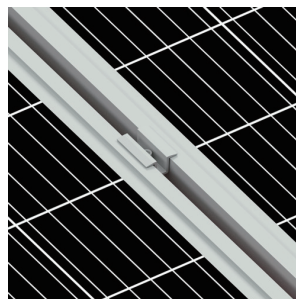
Стъпка 4

Закрепване на соларните панели върху релсите с крайни скоби



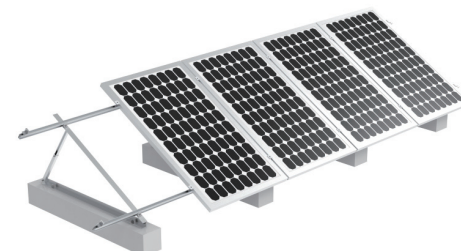
Стъпка 5

Закрепете два слънчеви панела със средни скоби.



Стъпка 6

Завършете инсталацията.



РЕГУЛИРУЕМИ СКОБИ ЗА БАЛКОНИ

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

РЕГУЛИРУЕМИ СКОБИ ЗА БАЛКОНИ V-TAC

РЪКОВОДСТВО ЗА ИНСТАЛИРАНЕ



Стъпка 1

Разгънете предварително сглобения регулируем триъгълник, регулирайте дължината на страничната колона според необходимия оптимален ъгъл на наклон, след което застопорете здраво болта;



Стъпка 2

Закрепете куките с винтове.



Стъпка 3

Свържете два триъгълника с кръстосана връзка



Стъпка 4

Фиксирайте слънчевите панели върху триъгълниците с помощта на крайни скоби



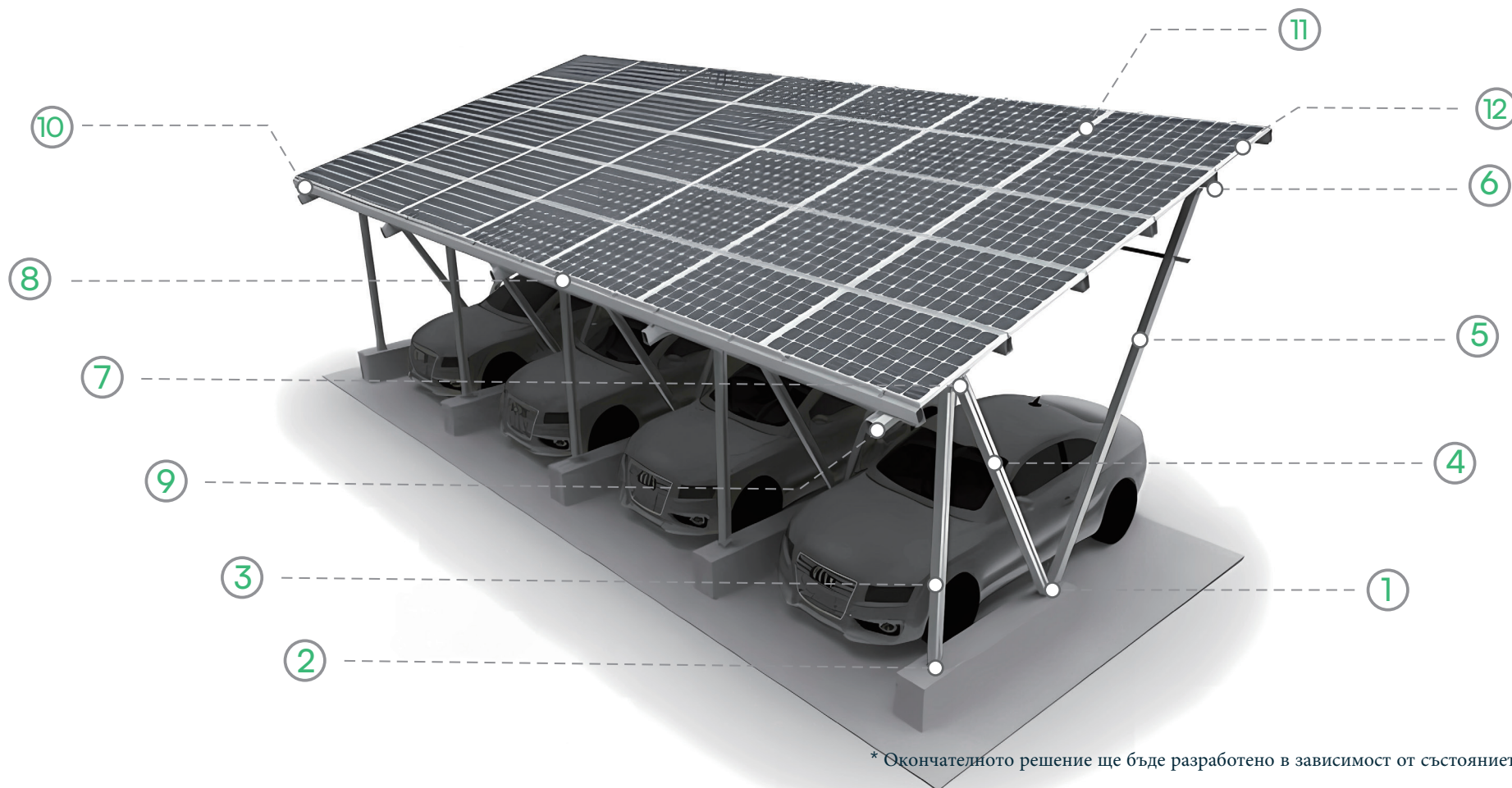
Стъпка 5

Завършете инсталацията.



СЛЪНЧЕВИ СКОБИ ЗА НАВЕС

Персонализиране на системата за монтиране на слънчева енергия



* Окончателното решение ще бъде разработено в зависимост от състоянието на проекта.

V-TAC АКСЕСОАРИ ЗА СЛЪНЧЕВА ЕНЕРГИЯ

СКОБИ ЗА НАВЕС



1

Основа (300 мм)



2

Основа (200 мм)



3

Тръба за навес (2500 мм)



4

Тръба за навес (3760 мм)



5

Тръба за навес (2950 мм)



6

Н яке (150 мм)



7

Н яке (220 мм)



8

Релса за напречна греда



9

Carport Stringer



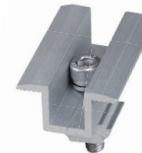
10

Комплект за затягане (35 мм)



11

Средна скоба (35 мм)



12

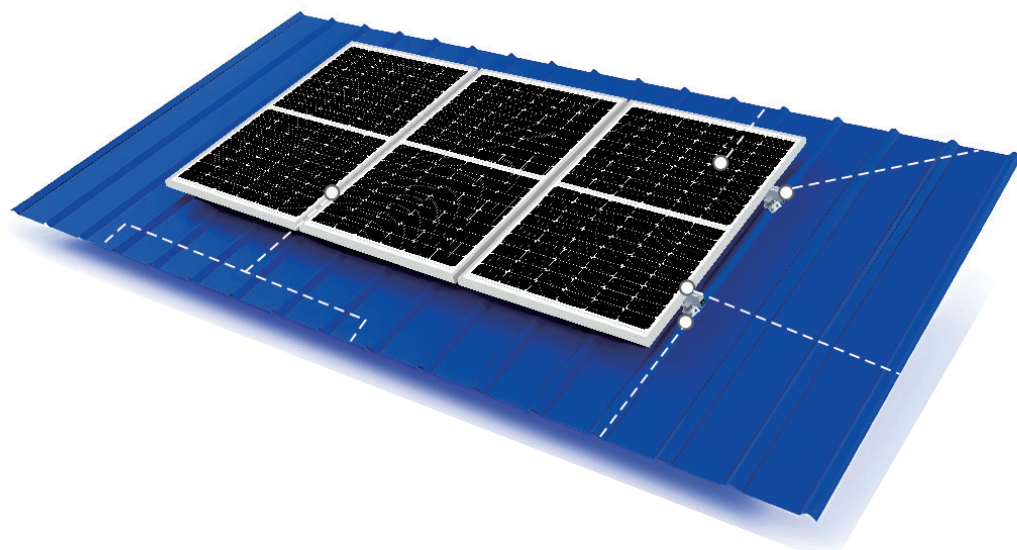
Крайна скоба (35 мм)





Meaningful Innovation.

UPUTE ZA UPORABU L GRUPA STOPALA



SKU	11583
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UVOD

Hvala što ste odabrali i kupili V-TAC proizvod. V-TAC će vam poslužiti najbolje. Pažljivo pročitajte ove upute i čuvajte ovaj korisnički priručnik pri ruci za buduću upotrebu. Ako imate bilo kakvih dodatnih pitanja, obratite se našem trgovcu ili lokalnom prodavaču od kojeg ste kupili proizvod. Oni su obučeni i spremni poslužiti vas na najbolji način.

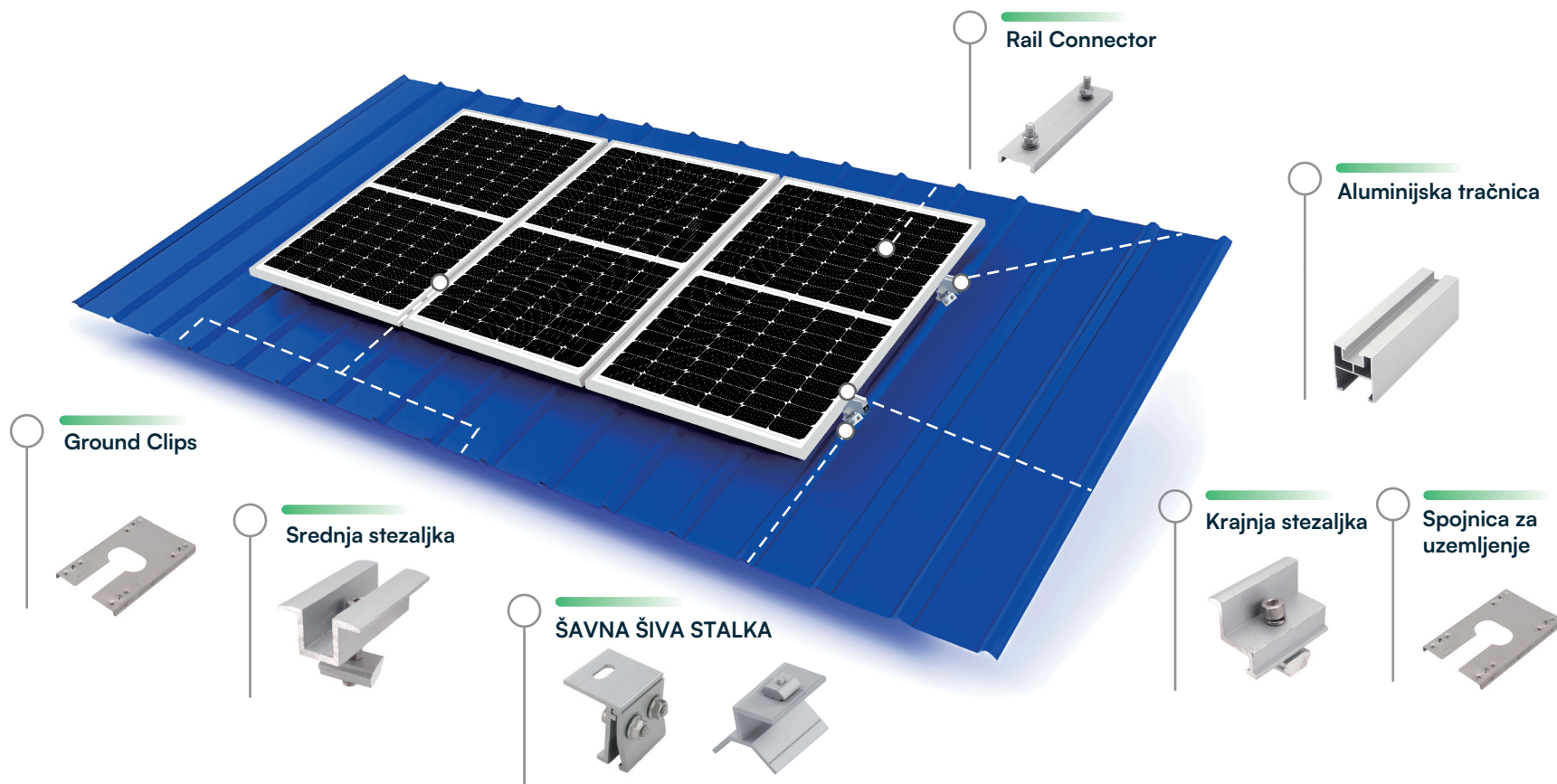
SKU	OPIS
11390	SREBRNA ŠINA 1200MM ZA SOLARNE PLOČE 4KOM/SET
11389	SREDNJA STEZALJKA 35MM ZA SOLARNE PLOČE 8KOM/SET
11391	KROVNA KUKA ZA SOLARNE PLOČE 5KOM/SET
11392	TT MATICA ZA SOLARNI PANEL 20KOM/SET
11393	VIJAK M6*50MM ZA SOLARNI PANEL 30KOM/SET
11394	SPOJNICA ZA SREBRNU ŠINU 8KOM/SET
11395	PLOČA ZA UZEMLJENJE ZA SOLARNE PLOČE 8KOM/SET
11388	ZAVRŠNA STEZALJKA 35MM ZA SOLARNE PLOČE 4KOM/SET

11385	PODESIVA STRAŽNJA NOGA (H280-415mm/10°-15°) ZA SOLARNE PLOČE
11386	PODESIVA STRAŽNJA NOGA (H420-700mm/15°-30°) ZA SOLARNE PLOČE
11387	TROKUTASTI NOSAČ S PODESIVIM KUTOM 10°-15° ZA SOLARNE PLOČE
11417	PODESIVA PREDNJA NOGA ZA SOLARNI PLOČU
11538	SREBRNA ŠINA 2000MM ZA SOLARNE PLOČE 4KOM/SET

U SLUČAJU BILO KAKVOG UPITA/PROBLEMA S PROIZVODOM, OBRATITE NAM SE NA: SUPPORT@V-TAC.EU ZA VIŠE PROIZVODA, UPIT MOLIMO DA KONTAKTIRATE NAŠEG DISTRIBUTERA ILI NAJBLIŽEG TRGOVCA. V-TAC EUROPE LTD. BUGARSKA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

NOSAČI OD VALOVITOG LIMOVA

Prilagodba solarnog montažnog sustava



* Konačno rješenje će se definirati prema stanju projekta.

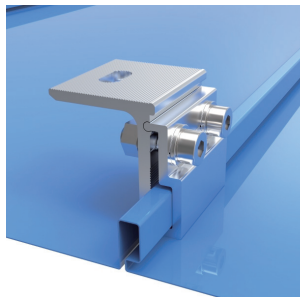
V-TAC NOSAČI OD VALOVITOG LIMA

PRIRUČNIK ZA UGRADNJU



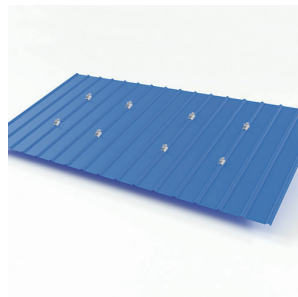
Korak 1

Odaberite odgovarajuće stezaljke za stajanje na metalnoj ploči.



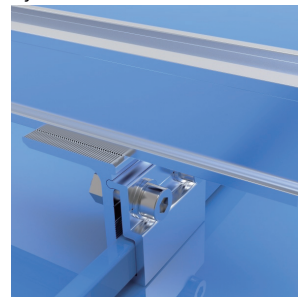
Korak 2

Pričvrstite ostale stezaljke na isti način.



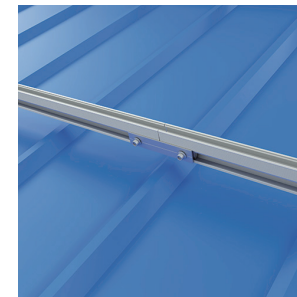
3. korak

Postavite odgovarajuće tračnice na stezaljke pomoću vijaka.



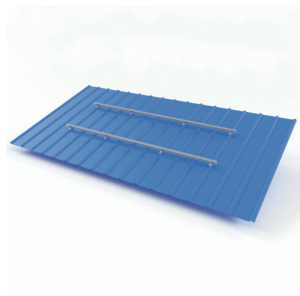
Korak 4

Spojite tračnice spojem.



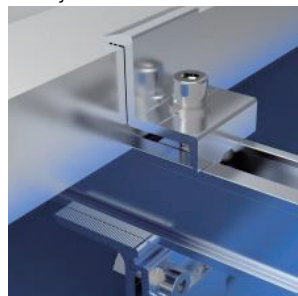
Korak 5

Završite postavljanje tračnice na isti način.



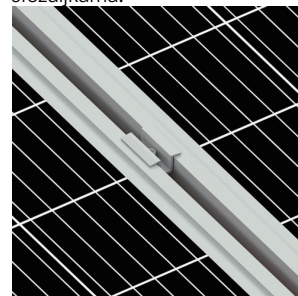
Korak 6

Pričvrstite solarne ploče na tračnice krajnjim stezaljkama.



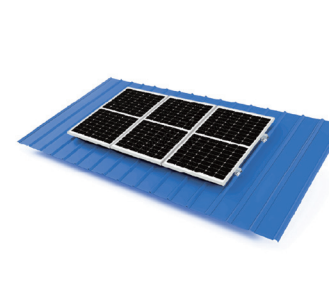
Korak 7

Pričvrstite dva solarna panela na tračnice središnjim stezaljkama.



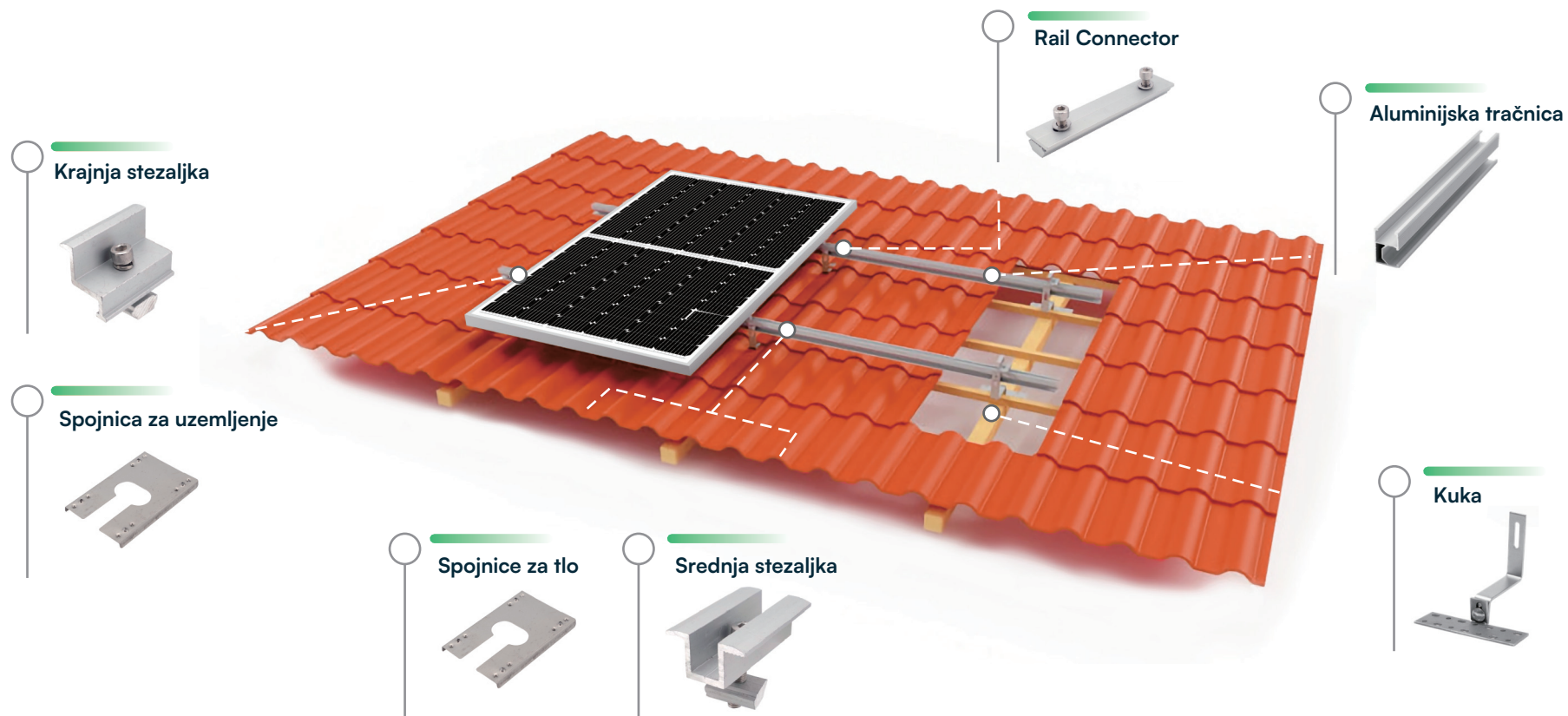
Korak 8

Završite instalaciju.



KROVNI NOSAČI ZA KOSI CRIJEP

Prilagodba solarnog montažnog sustava



* Konačno rješenje će se definirati prema stanju projekta.

V-TAC KROVNI NOSAČI ZA KOSI CREP

PRIRUČNIK ZA UGRADNJU



Korak 1

Odmaknite glaziranu pločicu.



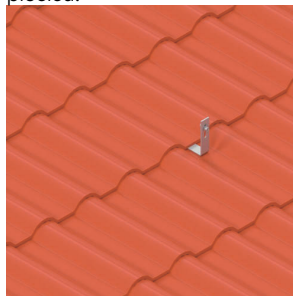
Korak 2

Pričvrstite kuke SUS304 na gredu vijcima.



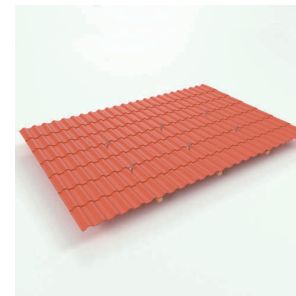
3. korak

Nakon što ste pričvrstili kuke, pomaknite glaziranu pločicu.



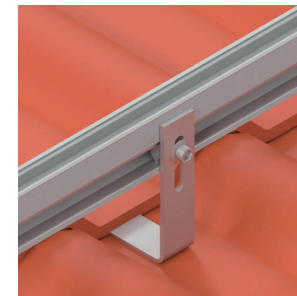
Korak 4

Ugradite ostale kuke na isti način.



Korak 5

Postavite tračnice na kuke s kliznim maticama.



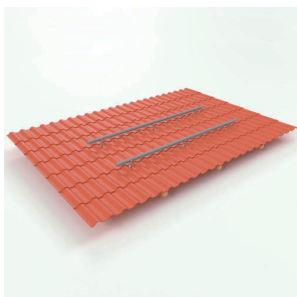
Korak 6

Završite postavljanje tračnica na isti način.



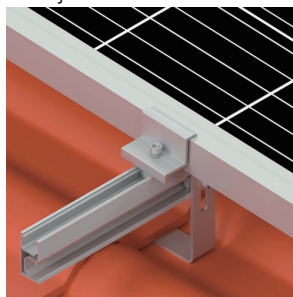
Korak 7

Završite postavljanje tračnica na isti način.



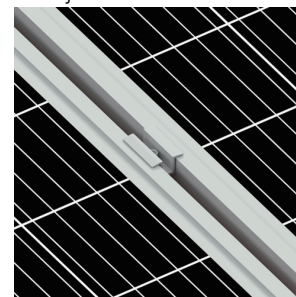
Korak 8

Pričvrstite solarne ploče na tračnice krajnjim stezaljkama.



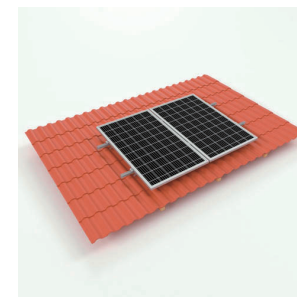
Korak 9

Pričvrstite dva solarne panela na tračnice središnjim stezaljkama.



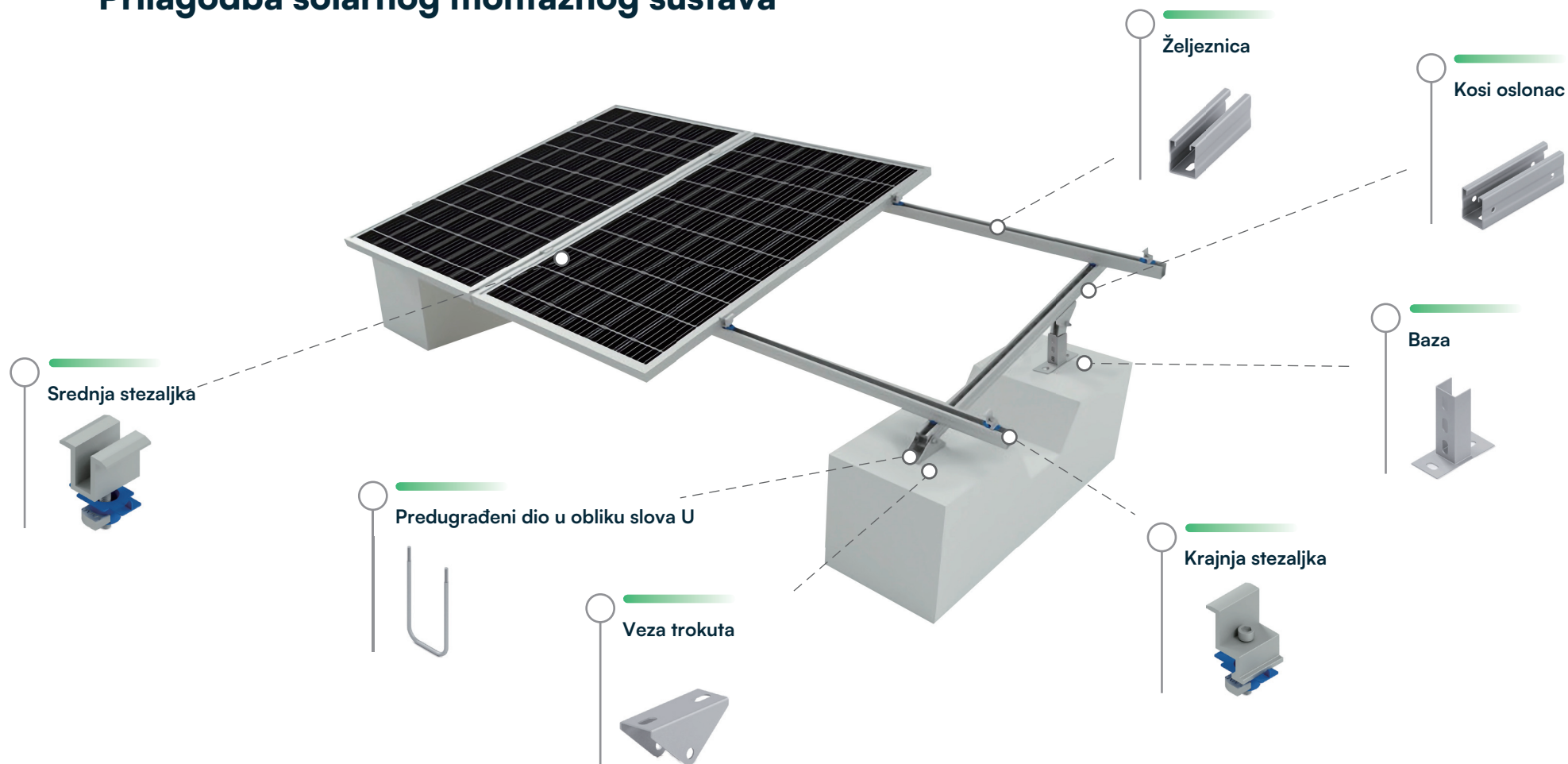
Korak 10

Završite instalaciju.



BETONSKI NOSAČI ZA RAVNI KROV

Prilagodba solarnog montažnog sustava



* Konačno rješenje će se definirati prema stanju projekta.

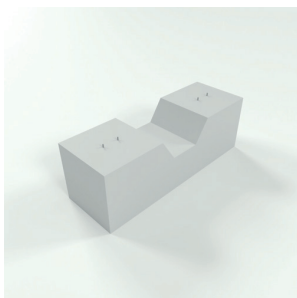
V-TAC BETONSKI NOSAČI ZA RAVNI KROV

PRIRUČNIK ZA UGRADNJU



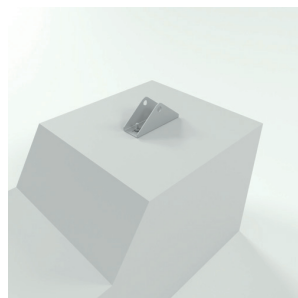
Korak 1

Unaprijed ugradite dijelove u obliku slova U u betonski blok.



Korak 2

Ugradite bazu i trokut.



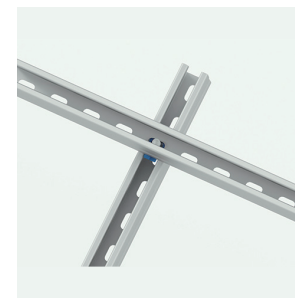
3. korak

Ugradite stup i kosi nosač na bazu.



Korak 4

Pričvrstite tračnice na trokut vijcima.



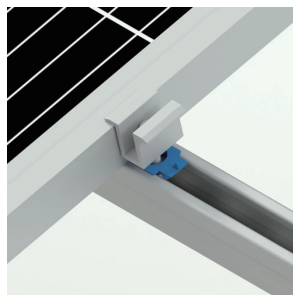
Korak 5

Spojite tračnice spojem.



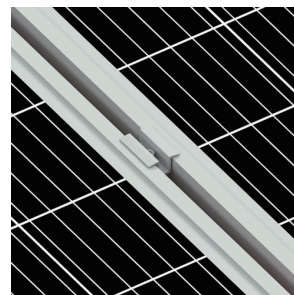
Korak 6

Pričvrstite solarne ploče na tračnice krajnjim stezaljkama.



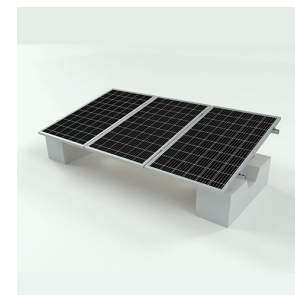
Korak 7

Pričvrstite dva solarna panela središnjim stezaljkama.



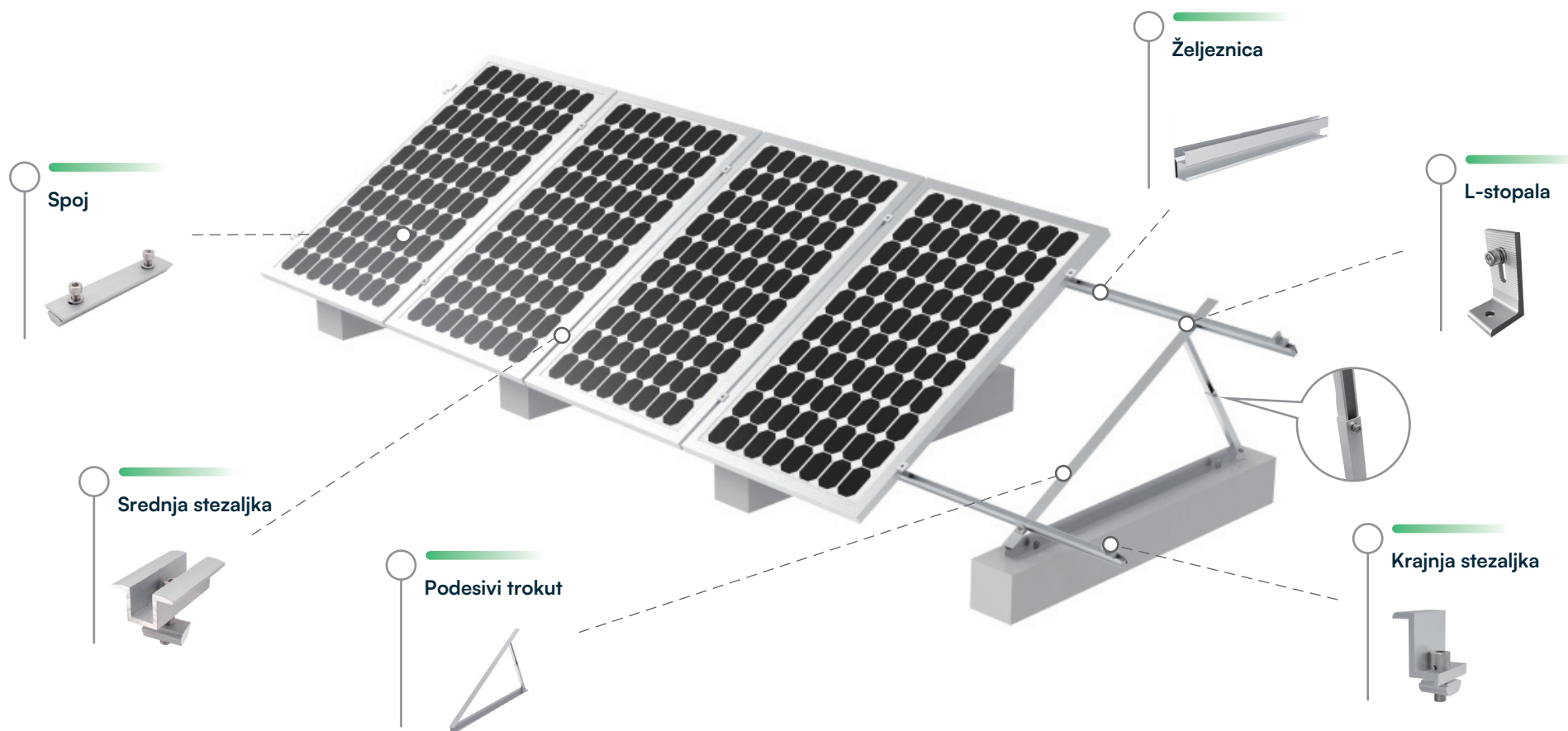
Korak 8

Završite instalaciju.



PODESIVI TROKUTASTI NOSAČI ZA RAVNI KROV

Prilagodba solarnog montažnog sustava



* Konačno rješenje će se definirati prema stanju projekta.

V-TAC PODESIVI TROKUTASTI NOSAČI ZA RAVNI KROV

PRIRUČNIK ZA UGRADNJU



Korak 1

Otklopite unaprijed sklopljeni podesivi trokut, podesite duljinu bočnog stupa prema potrebnom optimalnom kutu nagiba, zatim čvrsto zaključajte vijak;



Korak 2

Ugradite tračnice na podesivi trokut pomoću L-nožica, čvrsto zaključajte vijak i provjerite jesu li sve tračnice u istoj razini.



3. korak

Spojite tračnice spojem.



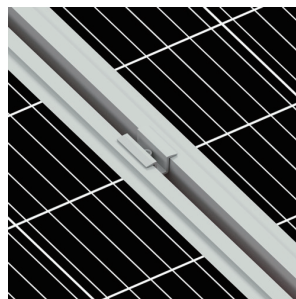
Korak 4

Pričvrstite solarne ploče na tračnice krajnjim stezaljkama



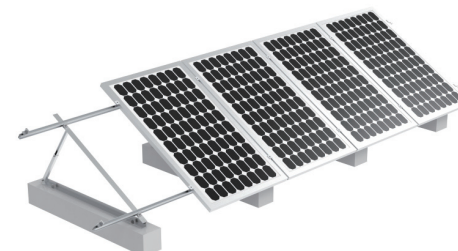
Korak 5

Pričvrstite dva solarna panela središnjim stezaljkama.



Korak 6

Završite instalaciju.



PODESIVI BALKONSKI NOSAČI

Prilagodba solarnog montažnog sustava



Konačno rješenje definirat će se prema projektnom stanju.

V-TAC PODESIVI BALKONSKI NOSAČI

PRIRUČNIK ZA UGRADNJU



Korak 1

Otklopite unaprijed sklopljeni podesivi trokut, podesite duljinu bočnog stupa prema potrebnom optimalnom kutu nagiba, zatim čvrsto zaključajte vijak;



Korak 2

Pričvrstite kuke vijcima.



3. korak

Spojite dva trokuta križnom vezom



Korak 4

Pričvrstite solarne ploče na trokute krajnjim stezaljkama



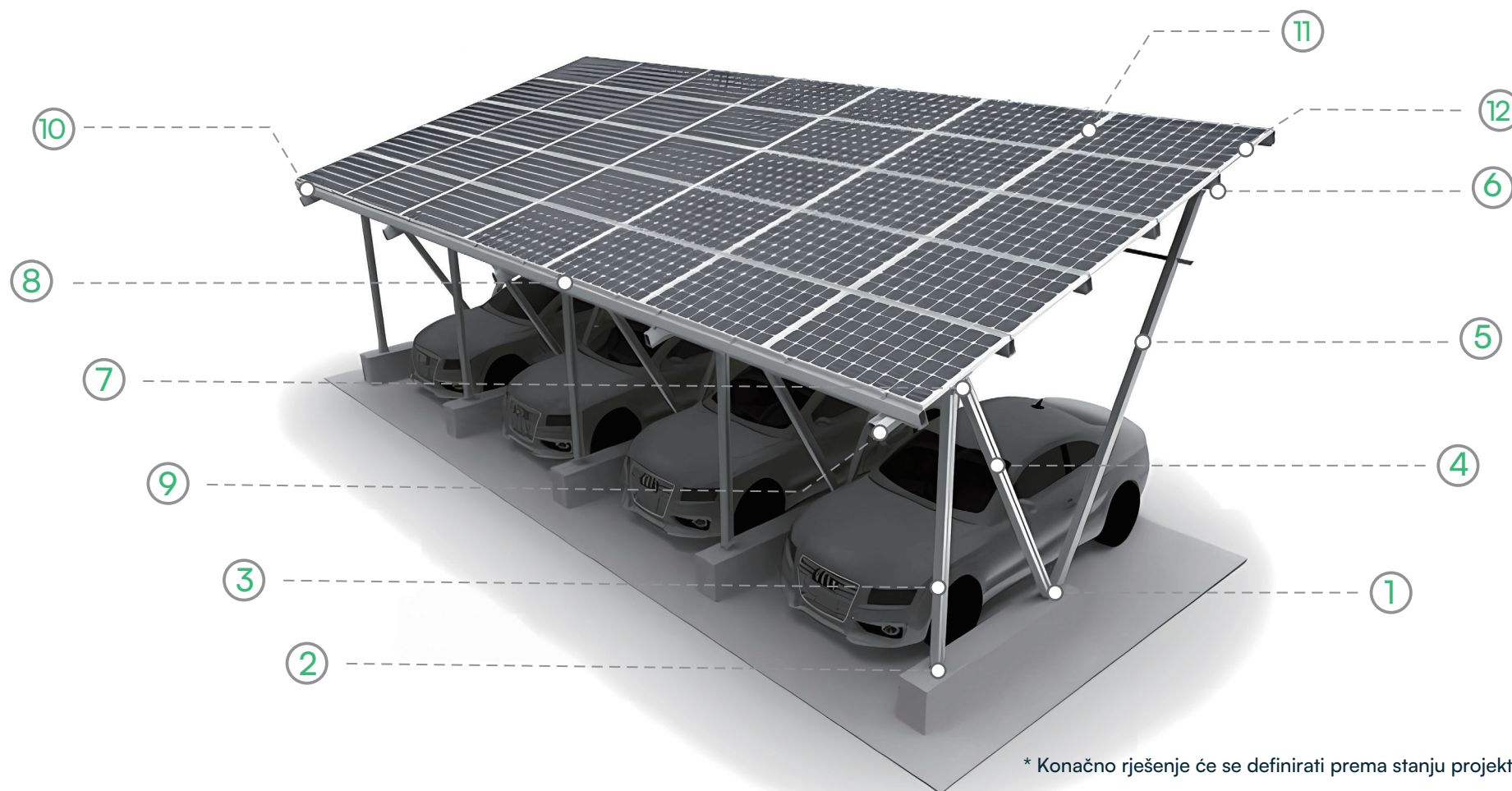
Korak 5

Završite instalaciju.



SOLARNI NOSAČI ZA NADVORNICE

Prilagodba solarnog montažnog sustava



* Konačno rješenje će se definirati prema stanju projekta.

V-TAC DODATNA OPREMA SOLARNIH NOSAČA ZA NADSTOJNICU



1

Baza (300 mm)



2

Baza (200 mm)



3

Cijev nadstrešnice
(2500 mm)



4

Cijev nadstrešnice (3760 mm)



5

Cijev nadstrešnice (2950 mm)



6

H jakna (150 mm)



7

H jakna (220 mm)



8

Poprečna tračnica



9

Carport Stringer



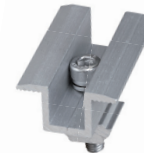
10

Komplet za stezanje (35 mm)



11

Srednja stezaljka (35 mm)



12

Krajnja stezaljka (35 mm)





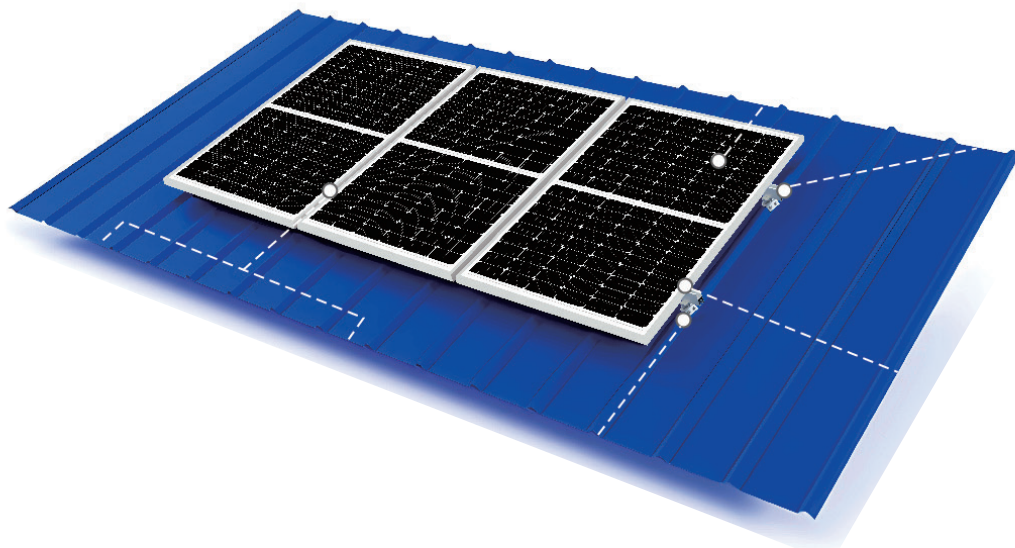
Meaningful Innovation.

NÁVOD K POUŽITÍ L FEET GROUP

SKU 11583

ÚVOD

Děkujeme, že jste si vybrali a zakoupili produkt V-TAC. V-TAC vám bude sloužit nejlépe. Přečtěte si prosím pozorně tento návod k použití a uschovejte jej pro budoucí použití. V případě dalších dotazů se obraťte na našeho prodejce nebo místního prodejce, od kterého jste výrobek zakoupili. Jsou vyškoleni a připraveni vám co nejlépe posloužit.



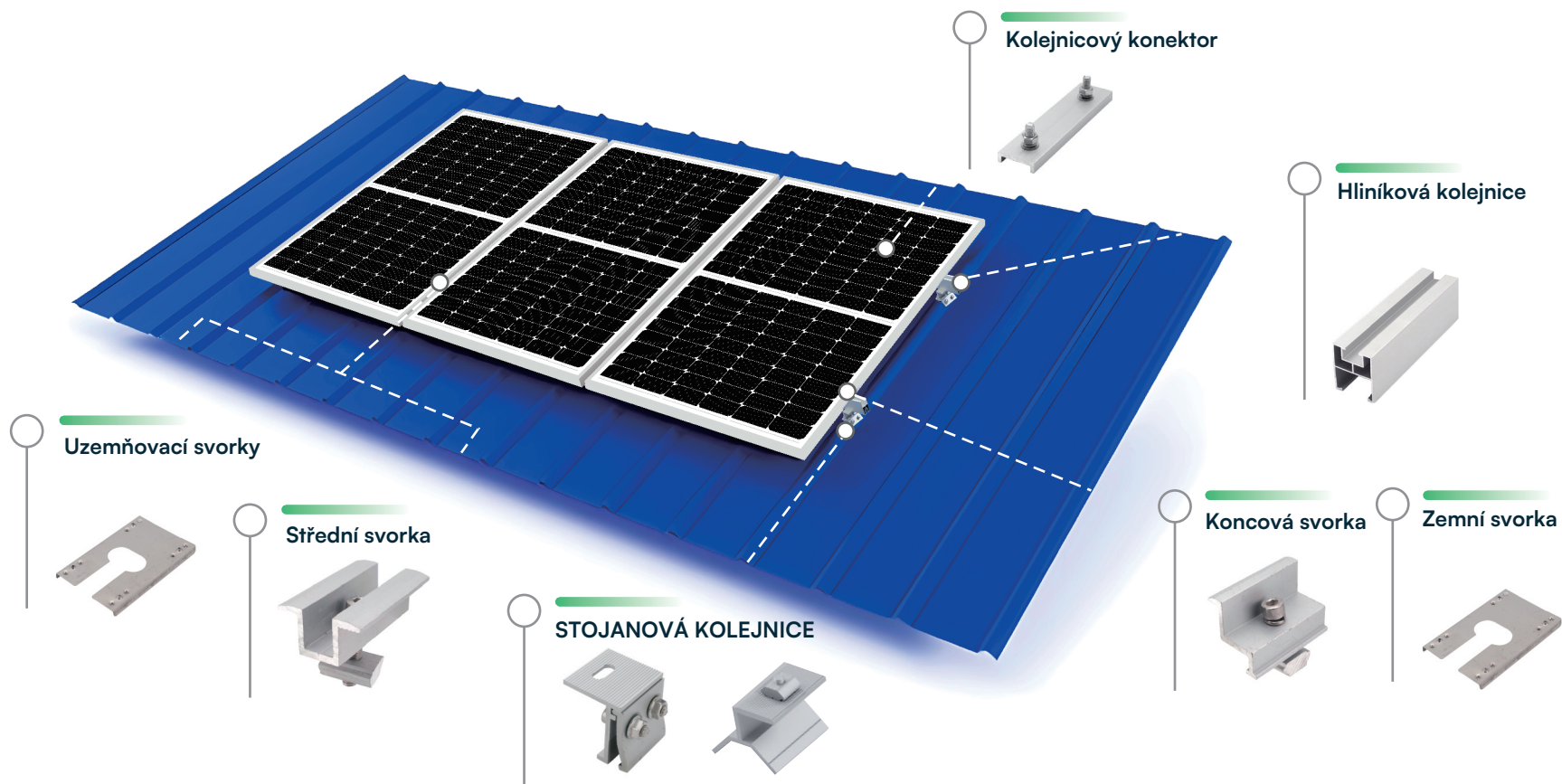
SKU	POPIS
11390	STŘÍBRNÁ KOLEJNICE 1200MM PRO SOLÁRNÍ PANEL 4KS/SADA
11389	STŘEDOVÁ SVORKA 35 MM PRO SOLÁRNÍ PANEL 8 KS/SADA
11391	STŘEŠNÍ HÁK PRO SOLÁRNÍ PANEL 5KS/SADA
11392	TT MATICE PRO SOLÁRNÍ PANEL 20KS/SADA
11393	ŠROUB M6*50MM PRO SOLÁRNÍ PANELY 30KS/SADA
11394	SPOJKA PRO STŘÍBRNOU KOLEJNICI 8KS/SADA
11395	UZEMŇOVACÍ DESKA PRO SOLÁRNÍ PANEL 8KS/SADA
11388	KONCOVÁ SVORKA 35MM PRO SOLÁRNÍ PANEL 4KS/SADA

11385	NASTAVITELNÁ ZADNÍ NOHA (H280-415 mm/10°-15°) PRO SOLÁRNÍ PANEL
11386	NASTAVITELNÁ ZADNÍ NOHA (H420-700mm/15°-30°) PRO SOLÁRNÍ PANEL
11387	TROJÚHELNÍKOVÁ PODPĚRA S NASTAVITELNÝM ÚHLEM 10°-15° PRO SOLÁRNÍ PANEL
11417	NASTAVITELNÁ PŘEDNÍ NOHA PRO SOLÁRNÍ PANEL
11538	STŘÍBRNÁ KOLEJNICE 2000 MM PRO SOLÁRNÍ PANEL 4 KS/SADA

V PŘÍPADĚ JAKÉHOKOLI DOTAZU NEBO PROBLÉMU S PRODUKTEM SE NA NÁS OBRÁŤTE NA: PRO VÍCE
INFORMACÍ O SORTIMENTU SE PROSÍM OBRÁŤTE NA NAŠEHO DISTRIBUTORA NEBO NEJBLIŽŠÍ
PRODEJCE. V-TAC EUROPE LTD. BULHARSKO, PLOVDIV 4000, BUL.L.KARAVELOW 9B

DRŽÁKY Z VLNITÉHO PLECHU

Přizpůsobení solárního montážního systému



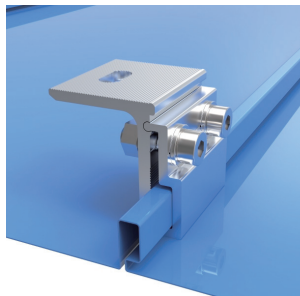
* Konečné řešení bude definováno podle podmínek projektu.

V KONZOLY Z VLNITÉHO PLECHU -TAC INSTALAČNÍ PŘÍRUČKA

V-TAC
Meaningful Innovation.

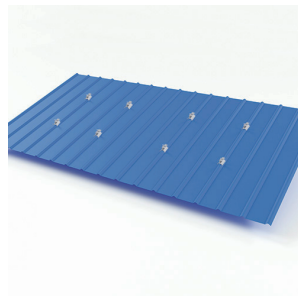
Krok 1

Zvolte vhodné svorky pro postavení na kovovou dlaždici.



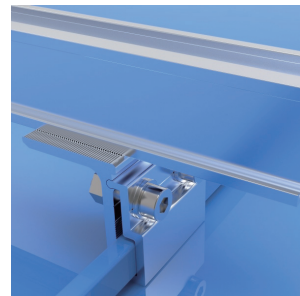
Krok 2

Stejným způsobem upevněte i ostatní svorky.



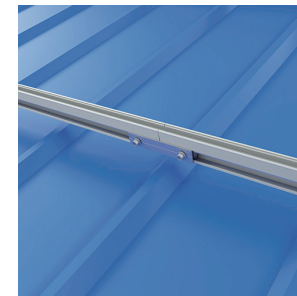
Krok 3

Pomocí šroubů namontujte vhodné lišty na svorky.



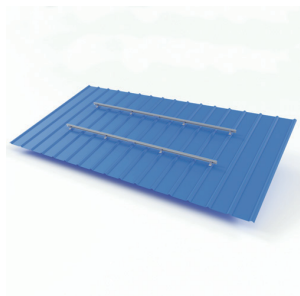
Krok 4

Spojte kolejnice pomocí spojky.



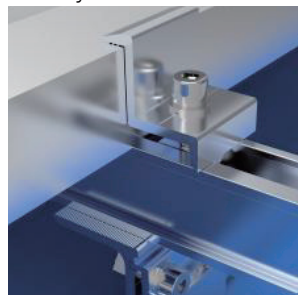
Krok 5

Stejným způsobem dokončete instalaci kolejnic.



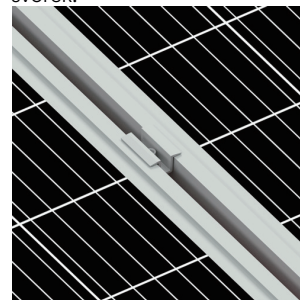
Krok 6

Solární panely připevněte na kolejnice pomocí koncových svorek.



Krok 7

Připevněte dva solární panely na kolejnice pomocí středových svorek.



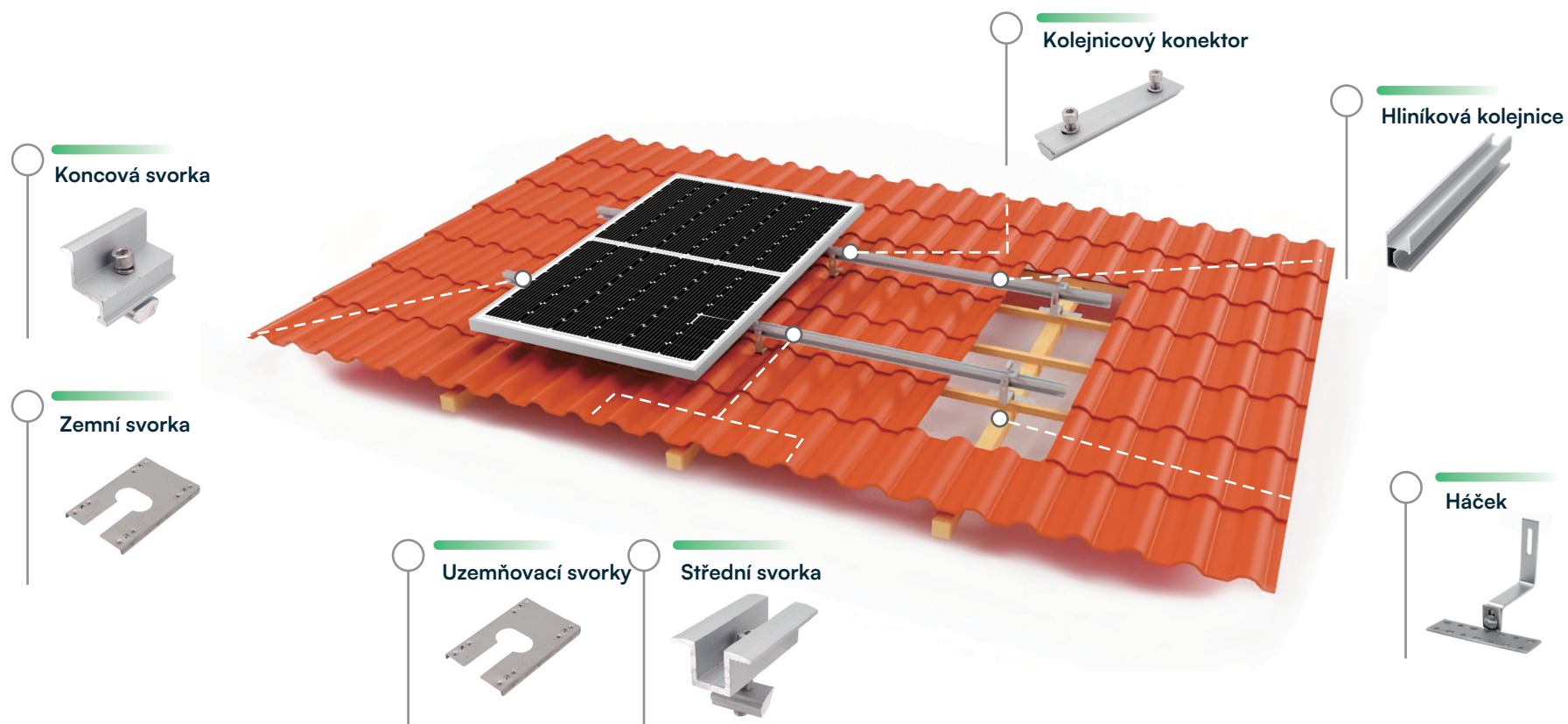
Krok 8

Dokončete instalaci.



DRŽÁKY ŠIKMÝCH STŘEŠNÍCH TAŠEK

Přizpůsobení solárního montážního systému



* Konečné řešení bude definováno podle podmínek projektu.

DRŽÁKY ŠIKMÝCH STŘEŠNÍCH TAŠEK V-TAC INSTALAČNÍ PŘÍRUČKA



Krok 1

Odstraňte glazované dlaždice.



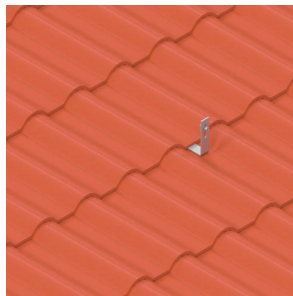
Krok 2

Přípevněte háky SUS304 na krokve pomocí šroubů.



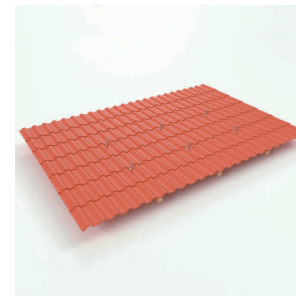
Krok 3

Po fixování háčků posuňte glazovanou dlaždici zpět.



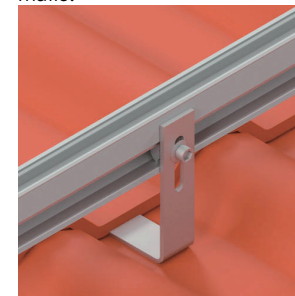
Krok 4

Stejným způsobem nainstalujte i ostatní háčky.



Krok 5

Kolejnice namontujte na háky pomocí posuvných matic.



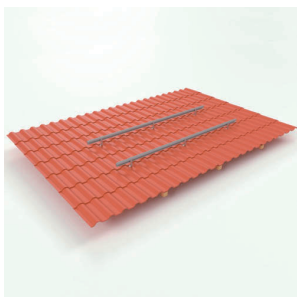
Krok 6

Stejným způsobem dokončete instalaci kolejnic.



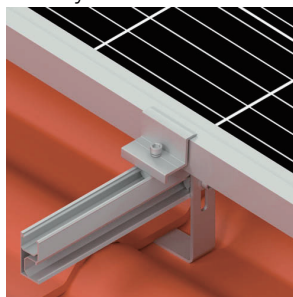
Krok 7

Stejným způsobem dokončete instalaci kolejnic.



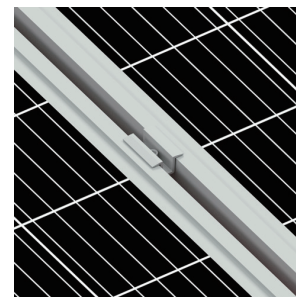
Krok 8

Solární panely přípevněte na kolejnice pomocí koncových svorek.



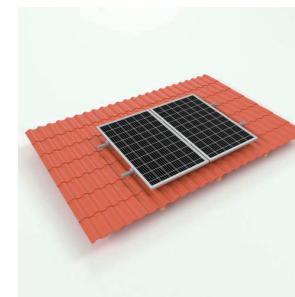
Krok 9

Přípevněte dva solární panely na kolejnice pomocí středových svorek.



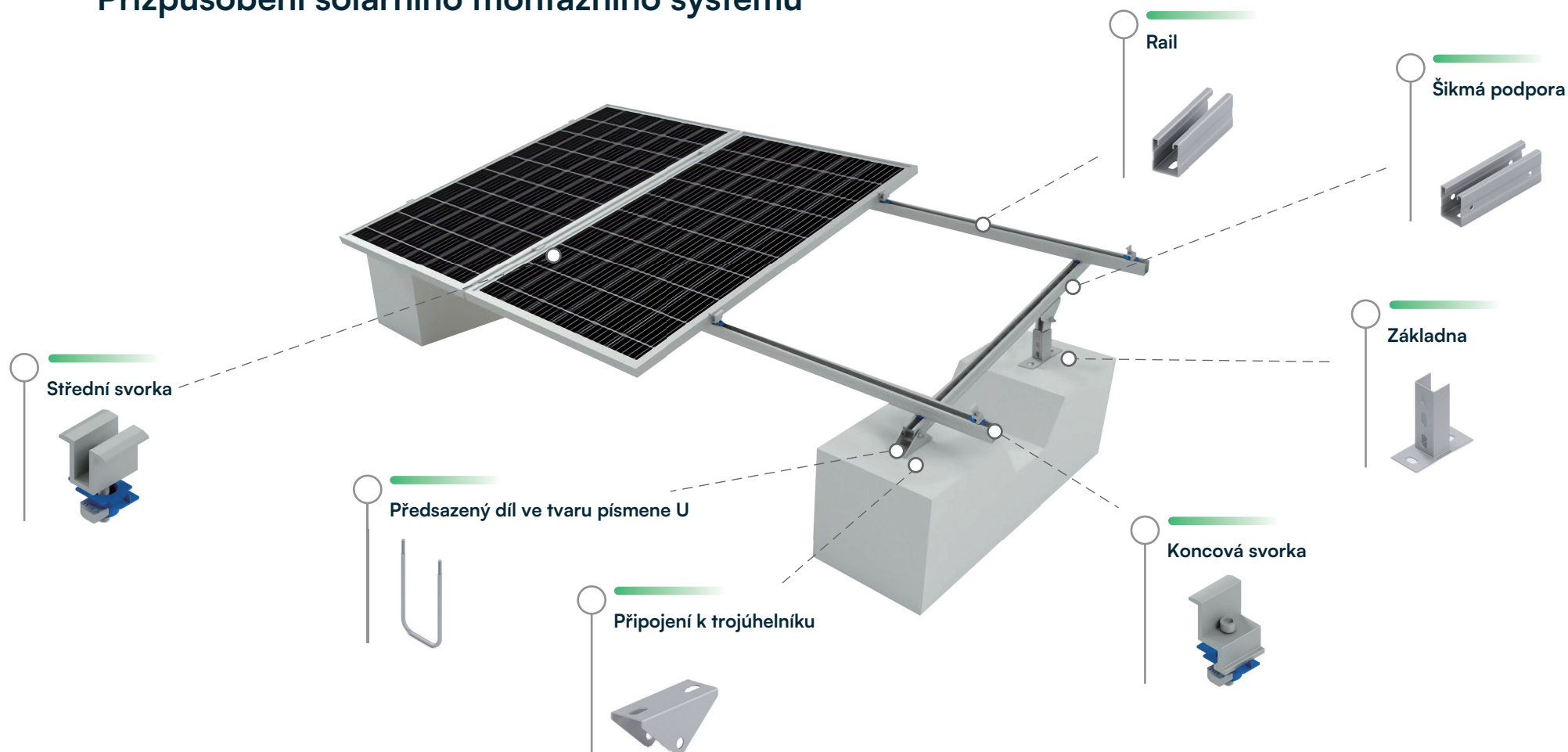
Krok 10

Dokončete instalaci.



BETONOVÉ KONZOLY PRO PLOCHÉ STŘECHY

Přizpůsobení solárního montážního systému



* Konečné řešení bude definováno podle podmínek projektu.

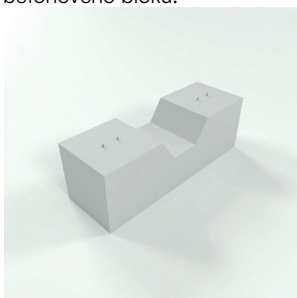
KONZOLY PRO PLOCHÉ STŘECHY Z BETONU V-TAC

INSTALAČNÍ PŘÍRUČKA



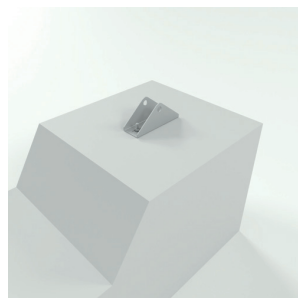
Krok 1

Dílce ve tvaru písmene U předem zabudujte do betonového bloku.



Krok 2

Nainstalujte podstavec a trojúhelník.



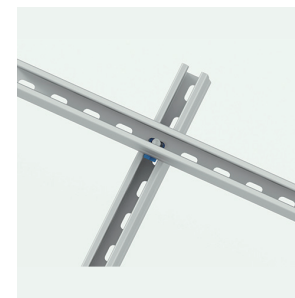
Krok 3

Nainstalujte sloup a šikmou podporu na základnu.



Krok 4

Přípevněte kolejnice na trojúhelník pomocí šroubů.



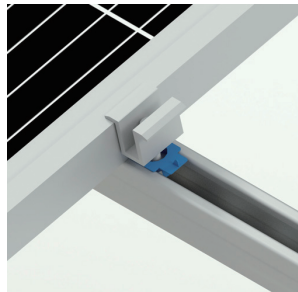
Krok 5

Připojte kolejnice pomocí přípojky.



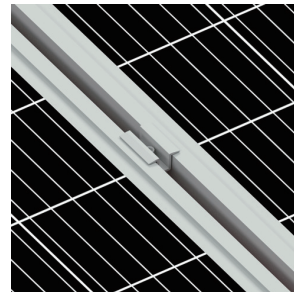
Krok 6

Solární panely připevněte na kolejnice pomocí koncových svorek.



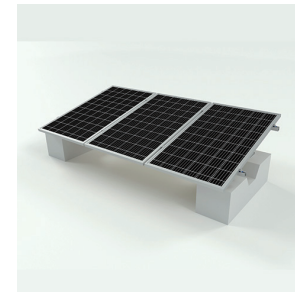
Krok 7

Připevněte dva solární panely pomocí středových svorek.



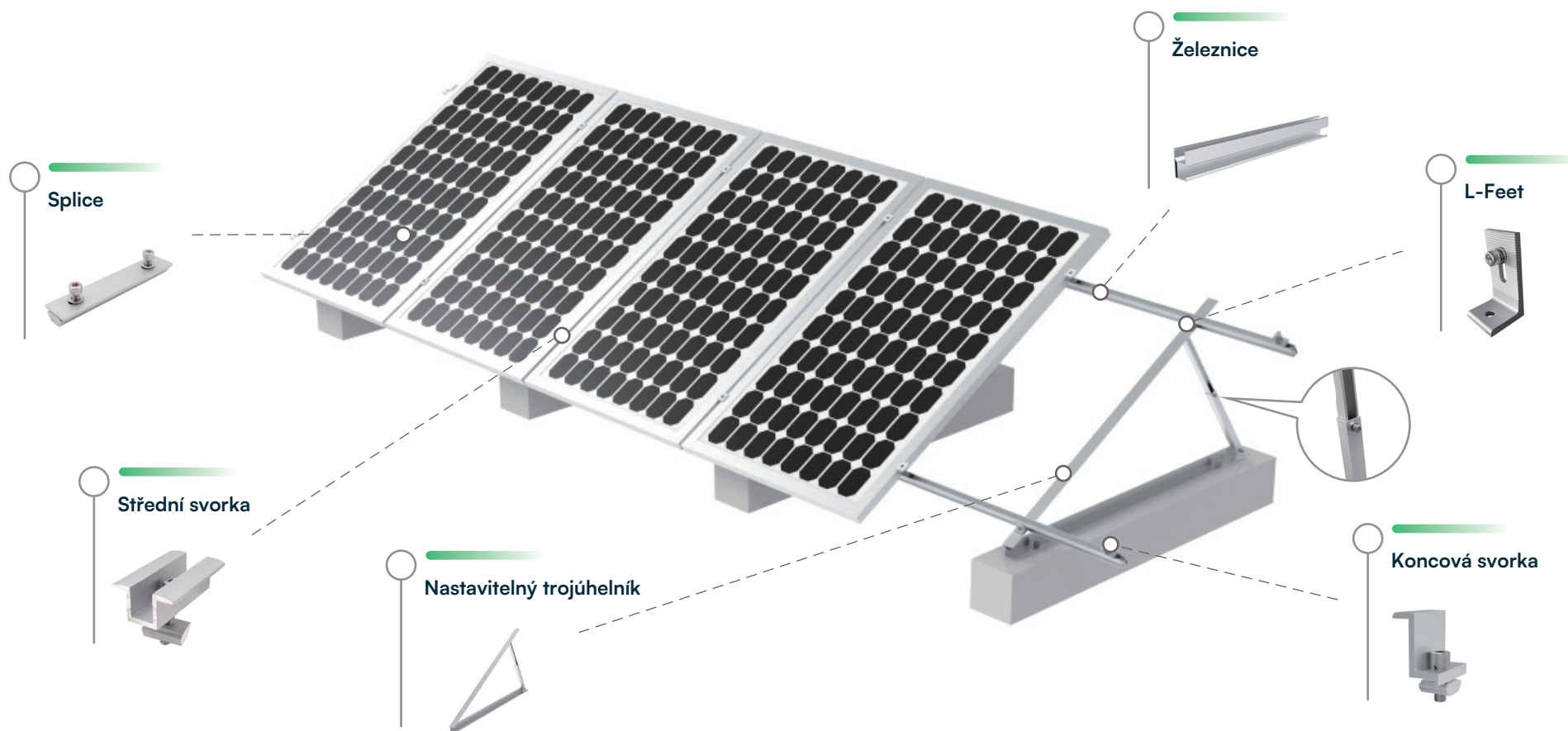
Krok 8

Dokončete instalaci.



NASTAVITELNÉ TROJÚHELNÍKOVÉ DRŽÁKY PRO PLOCHÉ STŘECHY

Přizpůsobení solárního montážního systému



* Konečné řešení bude definováno podle podmínek projektu.

NASTAVITELNÉ TROJÚHELNÍKOVÉ DRŽÁKY V-TAC PRO PLOCHÉ STŘECHY

INSTALAČNÍ PŘÍRUČKA

V-TAC
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Krok 1

Rozložte předem sestavený nastavitelný trojúhelník, nastavte délku bočního sloupku podle požadovaného optimálního úhlu sklonu a poté pevně zajistěte šroub;



Krok 2

Nainstalujte kolejnice na nastavitelný trojúhelník s patkou L, pevně zajistěte šroub a ujistěte se, že jsou všechny kolejnice ve stejné úrovni.



Krok 3

Spojte kolejnice pomocí spojky.



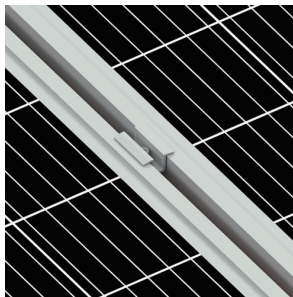
Krok 4

Upevnění solárních panelů na kolejnice pomocí koncových svorek



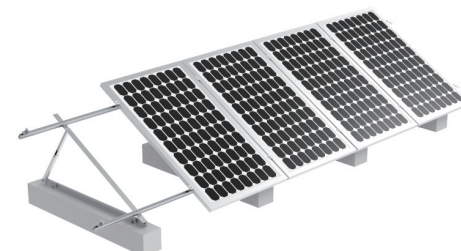
Krok 5

Připevněte dva solární panely pomocí středových svorek.



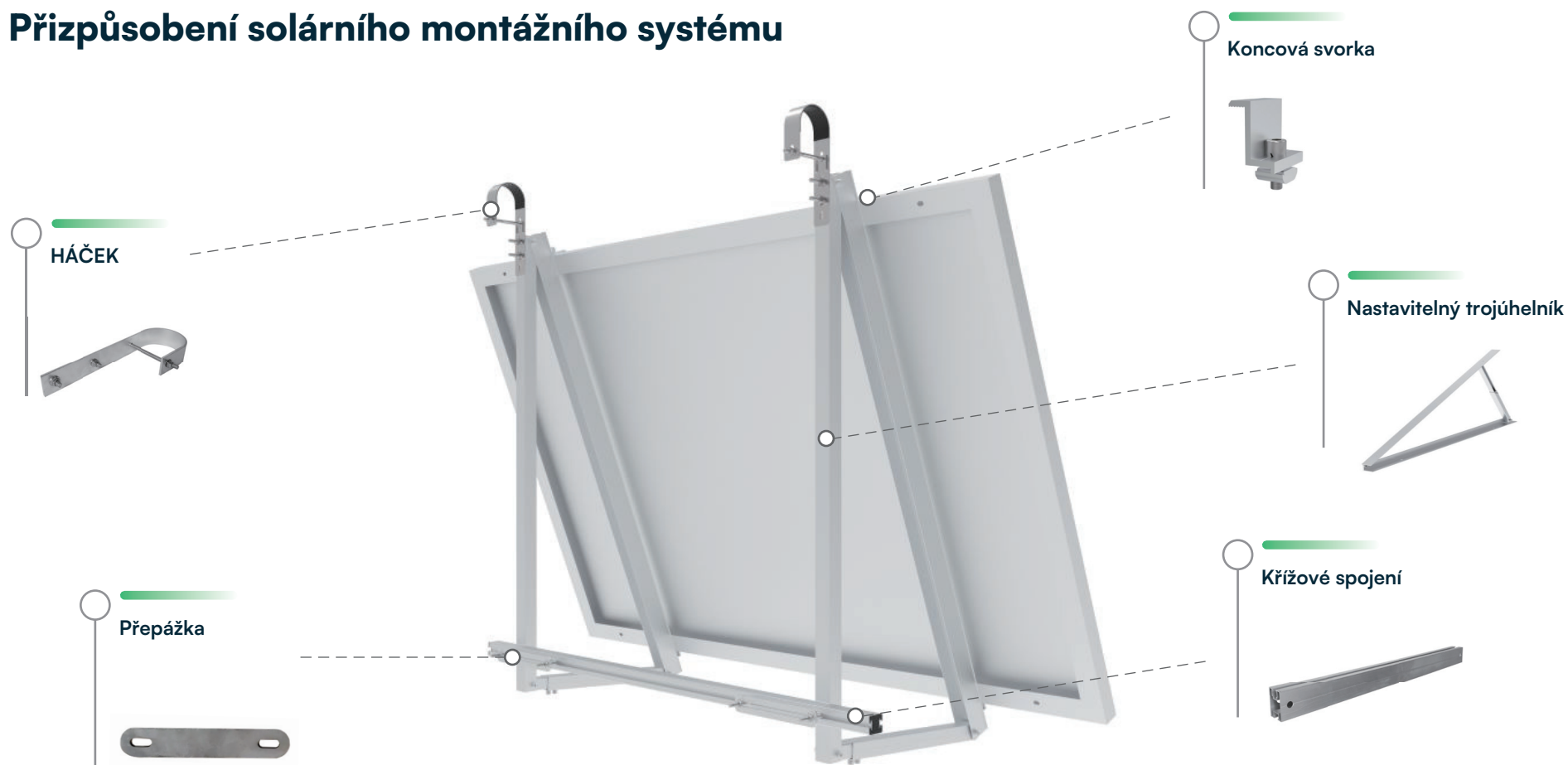
Krok 6

Dokončete instalaci.



NASTAVITELNÉ BALKONOVÉ KONZOLY

Přizpůsobení solárního montážního systému



* Konečné řešení bude definováno podle podmínek projektu.

NASTAVITELNÉ BALKONOVÉ DRŽÁKY V-TAC

INSTALAČNÍ PŘÍRUČKA



Krok 1

Rozložte předem sestavený nastavitelný trojúhelník, nastavte délku bočního sloupku podle požadovaného optimálního úhlu sklonu a poté pevně zajistěte šroub;



Krok 2

Připevněte háčky pomocí šroubů.



Krok 3

Spojte dva trojúhelníky křížovou spojkou



Krok 4

Upevnění solárních panelů na trojúhelníky pomocí koncových svorek



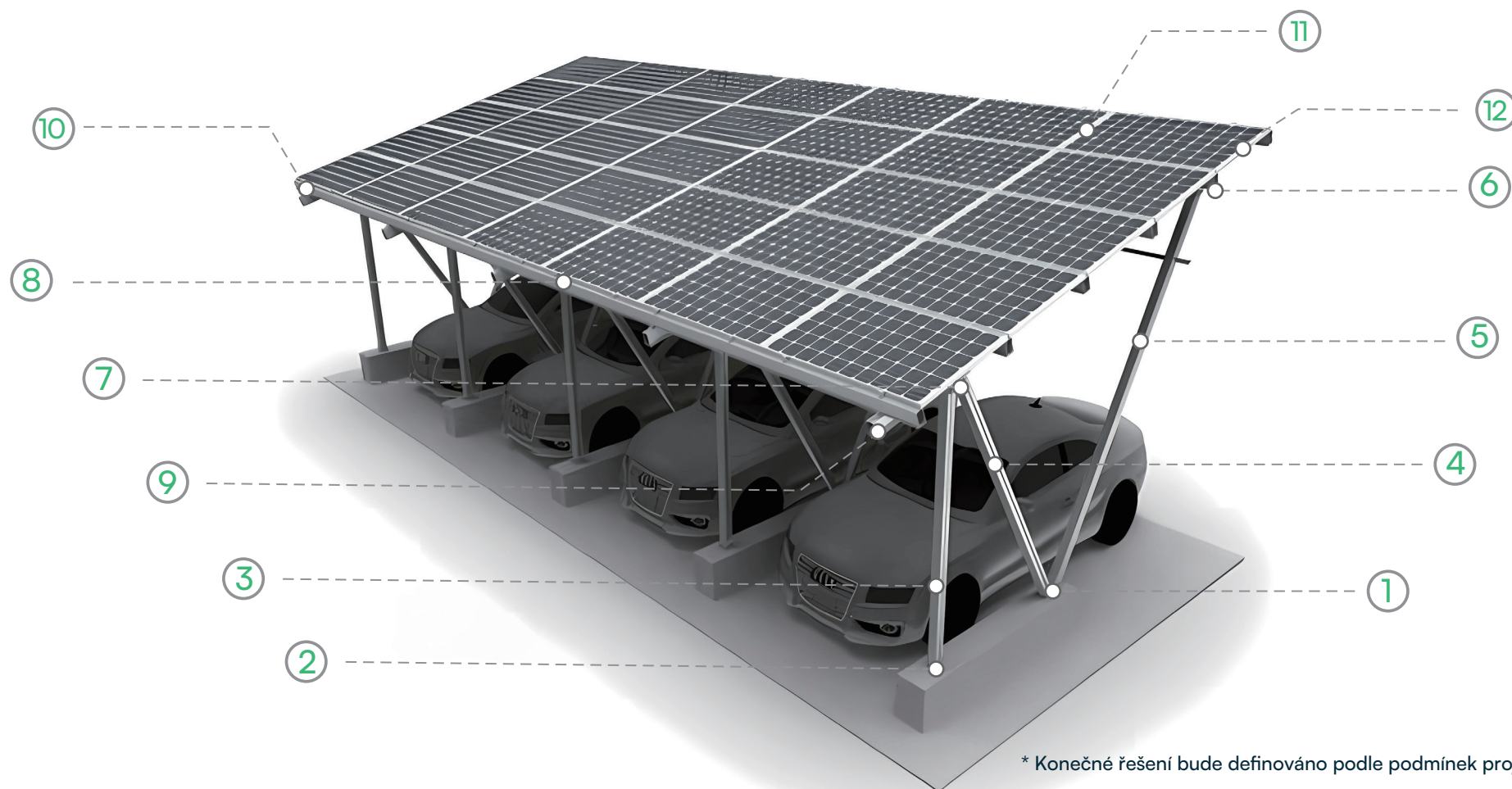
Krok 5

Dokončete instalaci.



DRŽÁKY SOLÁRNÍCH PŘÍSTŘEŠKŮ PRO AUTA

Prizpůsobení solárního montážního systému



* Konečné řešení bude definováno podle podmínek projektu.

V-TAC PŘÍSLUŠENSTVÍ DRŽÁKŮ SOLÁRNÍCH PŘÍSTŘEŠKŮ PRO AUTA

V-TAC
Meaningful Innovation.

1

Základna (300 mm)



2

Základna (200 mm)



3

Přístřešek pro auto
(2500 mm)



4

Přístřešek pro auto
(3760 mm)



5

Trubka přístřešku pro
auto (2950 mm)



6

H plášť (150 mm)



7

H plášť (220 mm)



8

Příčná lišta



9

Přístřešek pro auto



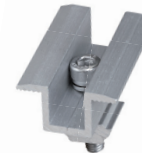
10

Upínací sada (35 mm)



11

Středová svorka (35 mm)



12

Koncová svorka (35 mm)



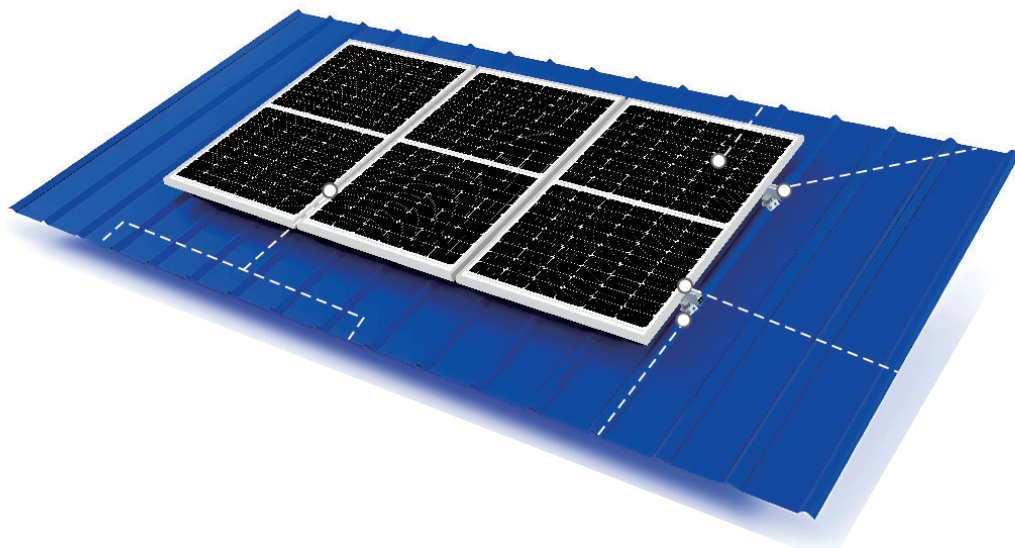


Meaningful Innovation.

MANUEL D'INSTRUCTIONS

GROUPE L FEET

SKU 11583



INTRODUCTION

Merci d'avoir choisi et acheté un produit V-TAC. V-TAC vous servira au mieux. Veuillez lire attentivement ces instructions et conserver ce manuel d'utilisation à portée de main pour toute référence ultérieure. Si vous avez d'autres questions, veuillez contacter notre revendeur ou le vendeur local auprès duquel vous avez acheté le produit. Ils sont formés et prêts à vous servir au mieux.

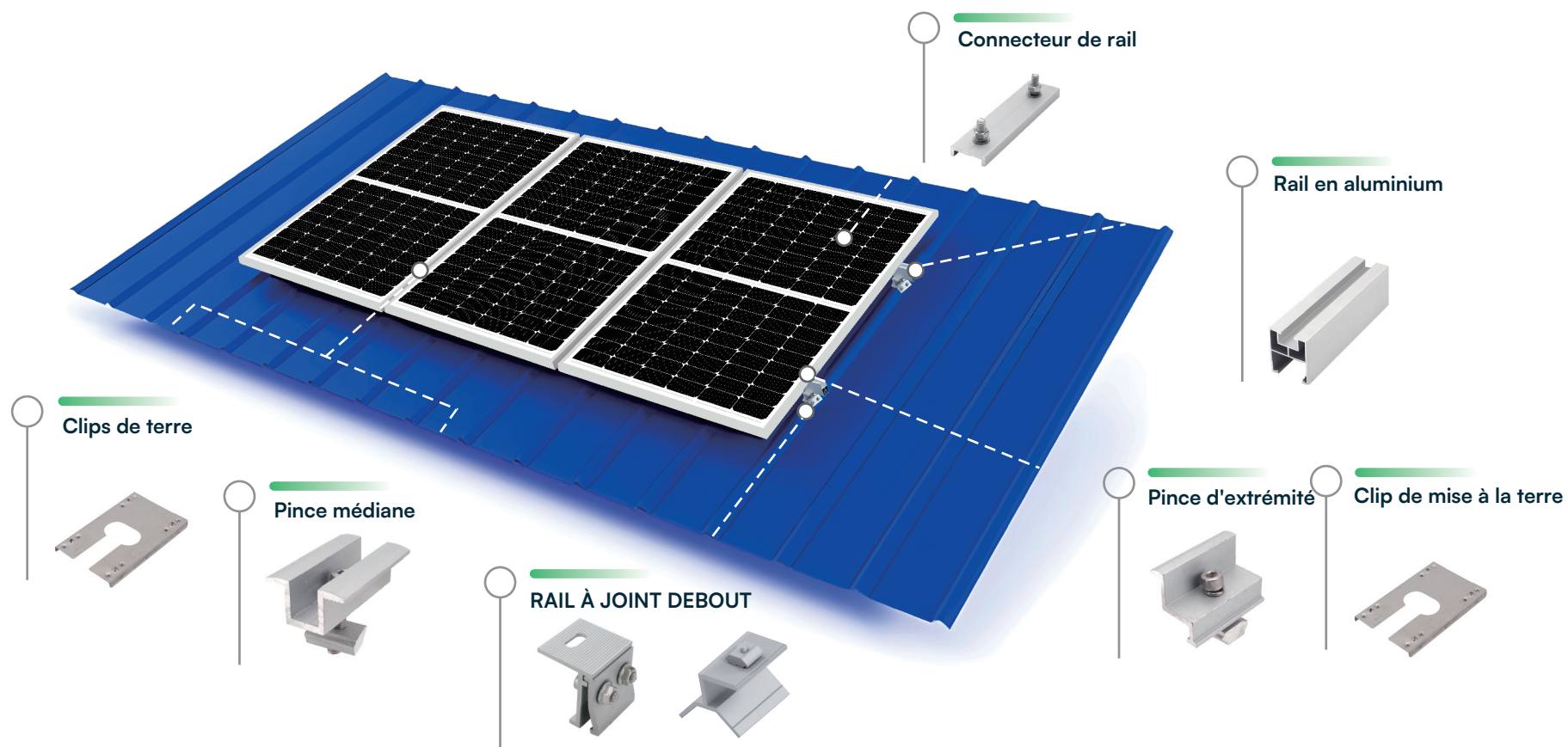
SKU	DESCRIPTION
11390	RAIL ARGENTÉ 1200MM POUR PANNEAU SOLAIRE 4PCS/SET
11389	PINCE CENTRALE 35MM POUR PANNEAU SOLAIRE 8PCS/SET
11391	CROCHET DE TOIT POUR PANNEAU SOLAIRE 5PCS/SET
11392	ECROU TT POUR PANNEAU SOLAIRE 20PCS/SET
11393	VIS M6*50MM POUR PANNEAU SOLAIRE 30PCS/SET
11394	ÉPISSURE POUR RAIL ARGENTÉ 8PCS/SET
11395	PLAQUE DE MISE À LA TERRE POUR PANNEAU SOLAIRE 8PCS/SET
11388	PINCE D'EXTRÉMITÉ 35MM POUR PANNEAU SOLAIRE 4PCS/SET

11385	PIED ARRIERE AJUSTABLE (H280-415mm/10°-15°) POUR PANNEAU SOLAIRE
11386	PIED ARRIERE AJUSTABLE (H420-700mm/15°-30°) POUR PANNEAU SOLAIRE
11387	SUPPORT TRIANGULAIRE AVEC ANGLE RÉGLABLE 10Â°-15Â° POUR PANNEAU SOLAIRE
11417	JAMBE AVANT RÉGLABLE POUR PANNEAU SOLAIRE
11538	RAIL ARGENTÉ 2000MM POUR PANNEAU SOLAIRE 4PCS/SET

EN CAS DE QUESTION/PROBLÈME CONCERNANT LE PRODUIT, VEUILLEZ NOUS CONTACTER À L'ADRESSE SUIVANTE :
SUPPORT@V-TAC.EU POUR PLUS D'INFORMATIONS SUR LA GAMME DE PRODUITS, VEUILLEZ CONTACTER NOTRE DISTRIBUTEUR
OU LES REVENDEURS LES PLUS PROCHES. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

SUPPORTS EN TÔLE ONDULÉE

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

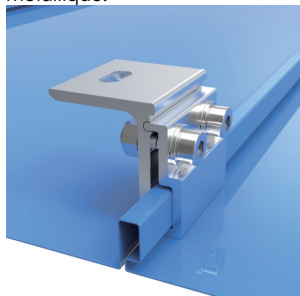
SUPPORTS EN TÔLE ONDULÉE V-TAC

MANUEL D'INSTALLATION



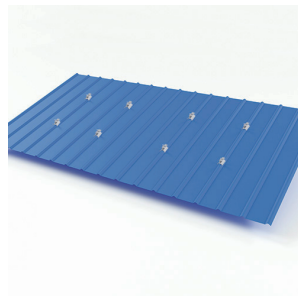
Étape 1

Sélectionnez les pinces appropriées pour fixer la tuile métallique.



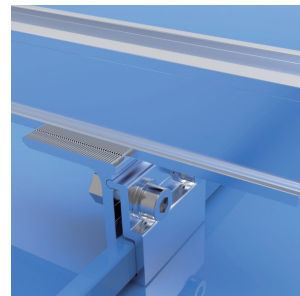
Étape 2

Fixer les autres pinces de la même manière.



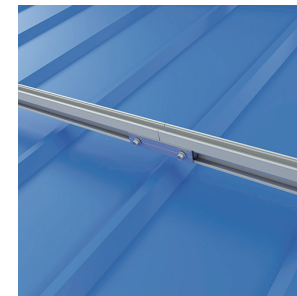
Étape 3

Installer les rails appropriés sur les pinces à l'aide de vis.



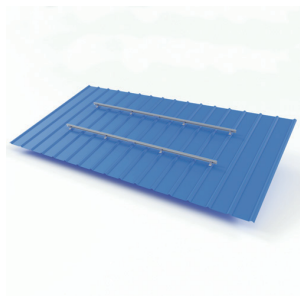
Étape 4

Relier les rails à l'aide d'une épissure.



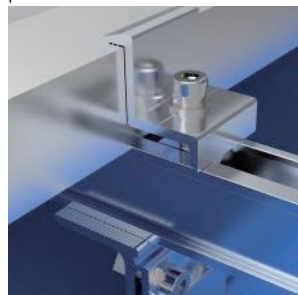
Étape 5

Terminer l'installation des rails de la même manière.



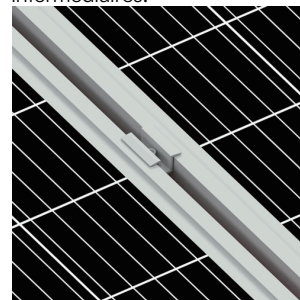
Étape 6

Fixer les panneaux solaires sur les rails à l'aide de pinces d'extrémité.



Étape 7

Fixer deux panneaux solaires sur les rails à l'aide de pinces intermédiaires.



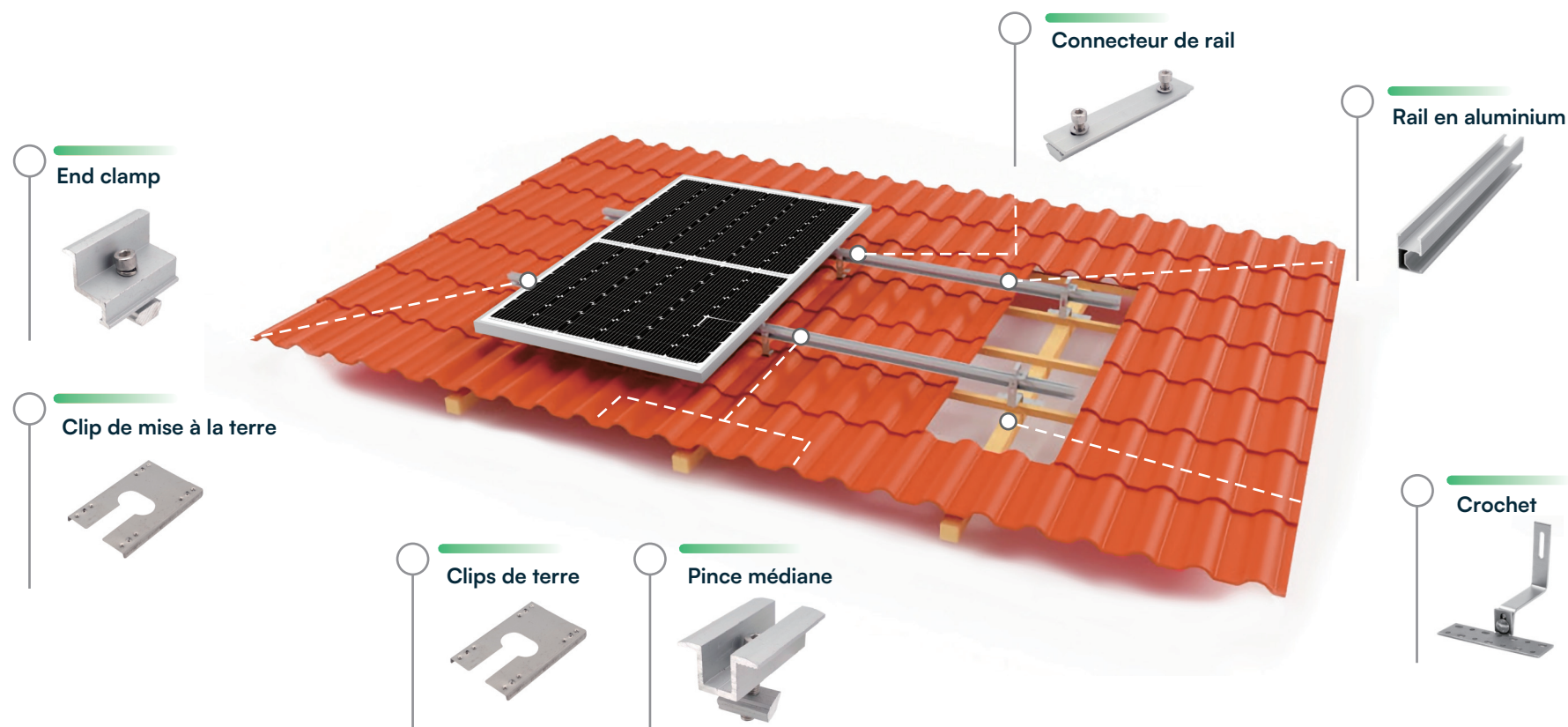
Étape 8

Terminez l'installation.



SUPPORTS DE TOIT EN TUILES INCLINÉES

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

SUPPORTS DE TOIT POUR TUILES INCLINÉES V-TAC

MANUEL D'INSTALLATION



Étape 1

Déplacer le carreau émaillé.



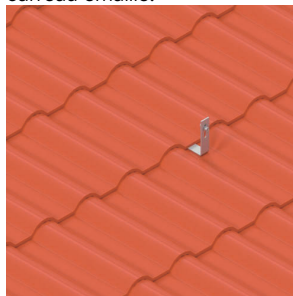
Étape 2

Fixer les crochets SUS304 sur le chevron à l'aide de vis.



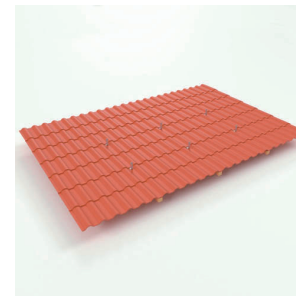
Étape 3

Après avoir fixé les crochets, remplacez le carreau émaillé.



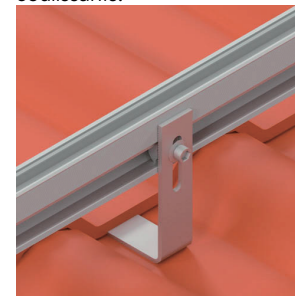
Étape 4

Installer les autres crochets de la même manière.



Étape 5

Installer les rails sur les crochets à l'aide des écrous coulissants.



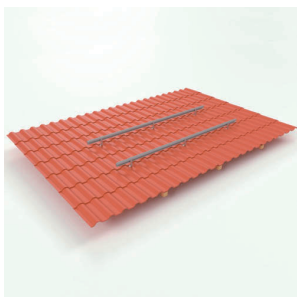
Étape 6

Terminer l'installation des rails de la même manière.



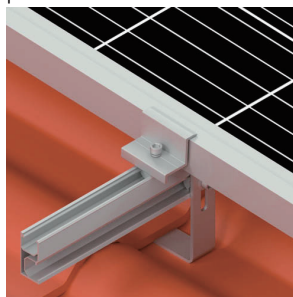
Étape 7

Terminer l'installation des rails de la même manière.



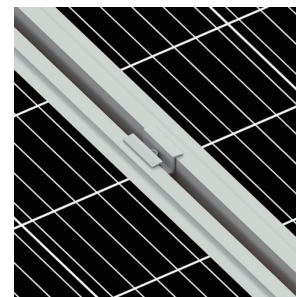
Étape 8

Fixer les panneaux solaires sur les rails à l'aide de pinces d'extrémité.



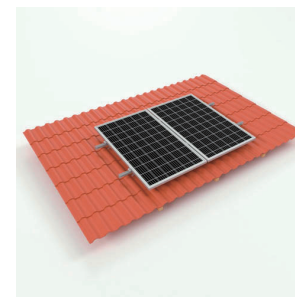
Étape 9

Fixer deux panneaux solaires sur les rails à l'aide de pinces intermédiaires.



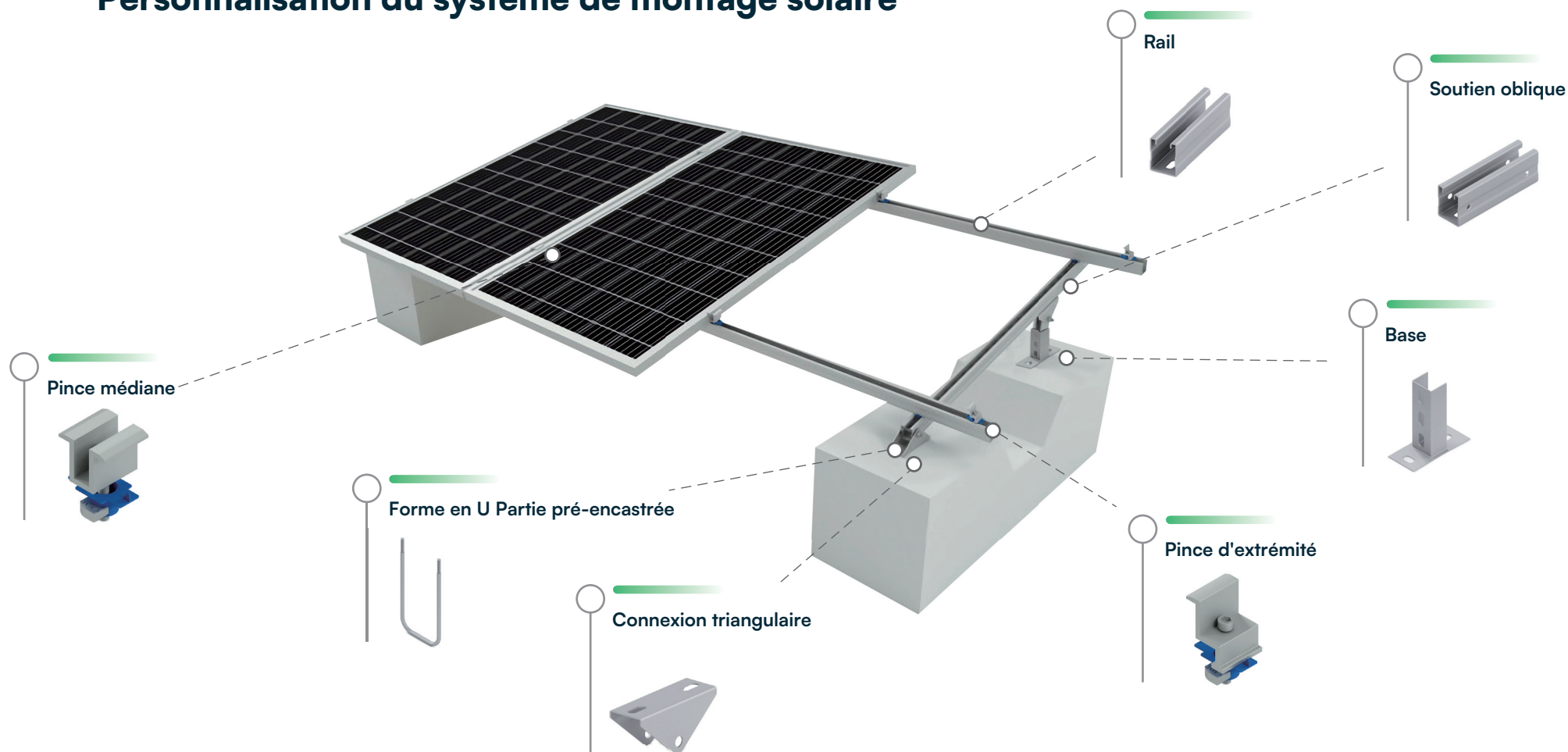
Étape 10

Terminez l'installation.



SUPPORTS EN BÉTON POUR TOITS PLATS

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

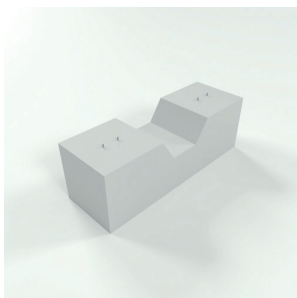
V-TAC CONCRETE FLAT ROOF BRACKETS

MANUEL D'INSTALLATION



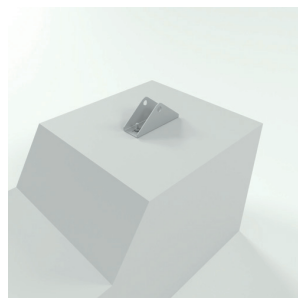
Étape 1

Pré-encastrer les pièces en U dans le bloc de béton.



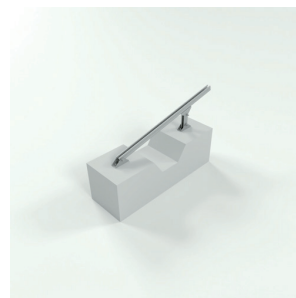
Étape 2

Installer la base et le triangle.



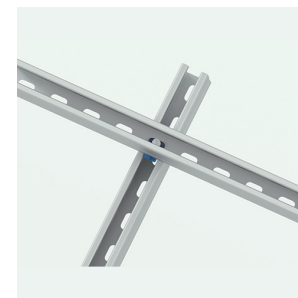
Étape 3

Installer la colonne et le support oblique sur la base.



Étape 4

Fixer les rails sur le triangle à l'aide de vis.



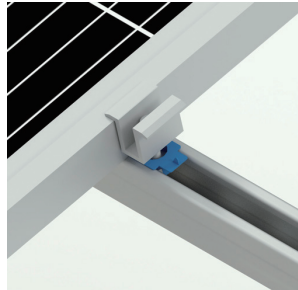
Étape 5

Connecter les rails avec la connexion.



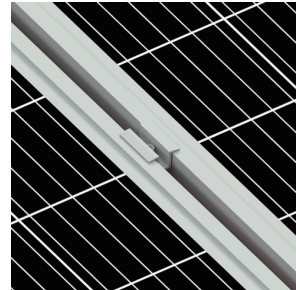
Étape 6

Fixer les panneaux solaires sur les rails à l'aide de pinces d'extrémité.



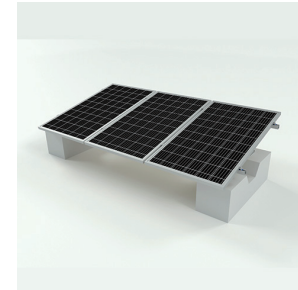
Étape 7

Fixer deux panneaux solaires à l'aide de pinces intermédiaires.



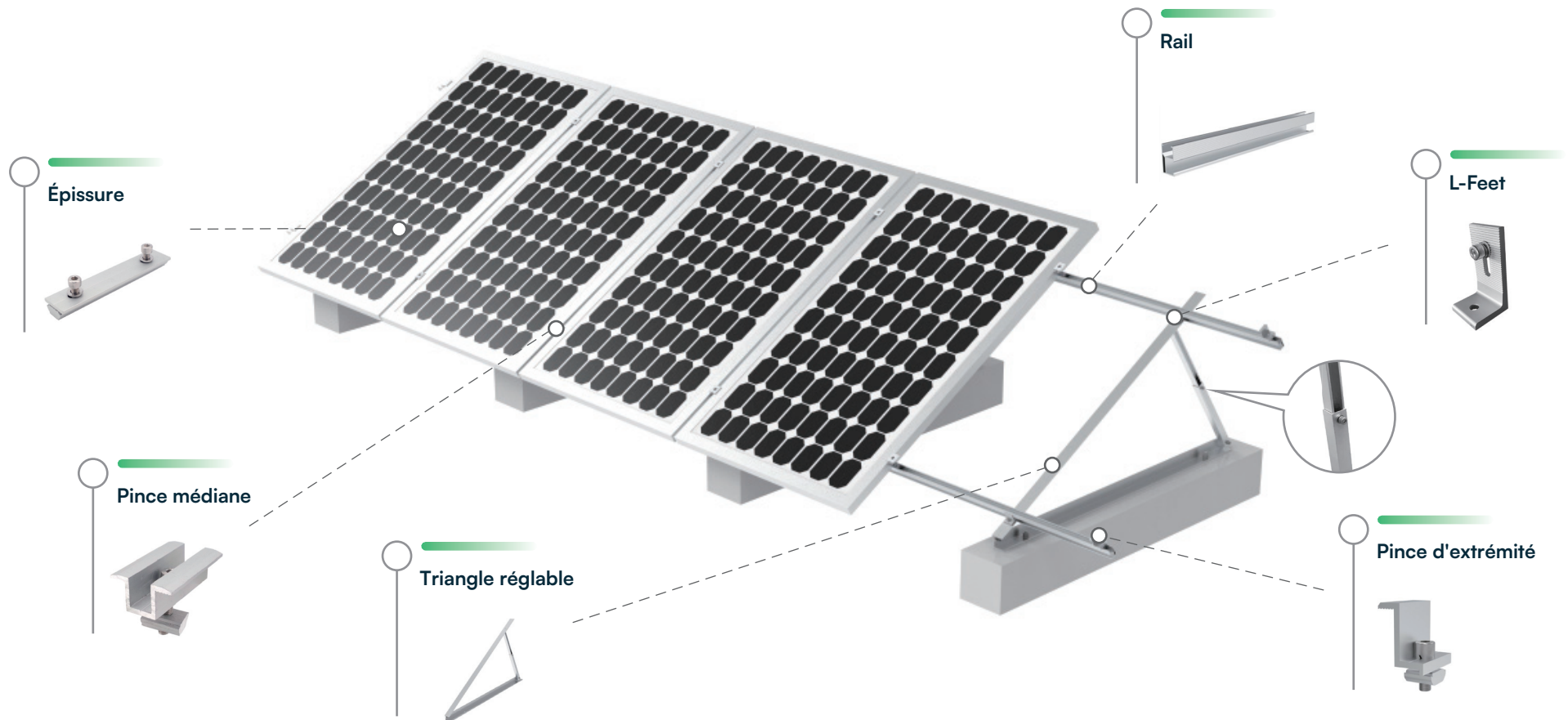
Étape 8

Terminez l'installation.



SUPPORTS TRIANGULAIRES RÉGLABLES POUR TOITS PLATS

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

SUPPORTS TRIANGULAIRES RÉGLABLES V-TAC POUR TOIT PLAT

MANUEL D'INSTALLATION



Étape 1

Déplier le triangle réglable prémonté, régler la longueur de la colonne latérale en fonction de l'angle d'inclinaison optimal requis, puis bloquer fermement le boulon ;



Étape 2

Installez les rails sur le triangle réglable à l'aide du pied en L, verrouillez fermement le boulon et assurez-vous que tous les rails sont au même niveau.



Étape 3

Relier les rails à l'aide d'une épissure.



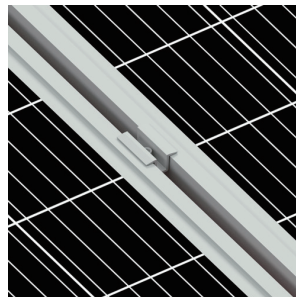
Étape 4

Fixer les panneaux solaires sur les rails à l'aide de pinces d'extrémité



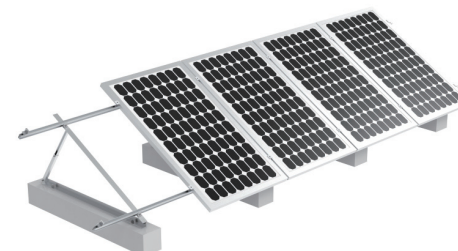
Étape 5

Fixer deux panneaux solaires à l'aide de pinces intermédiaires.



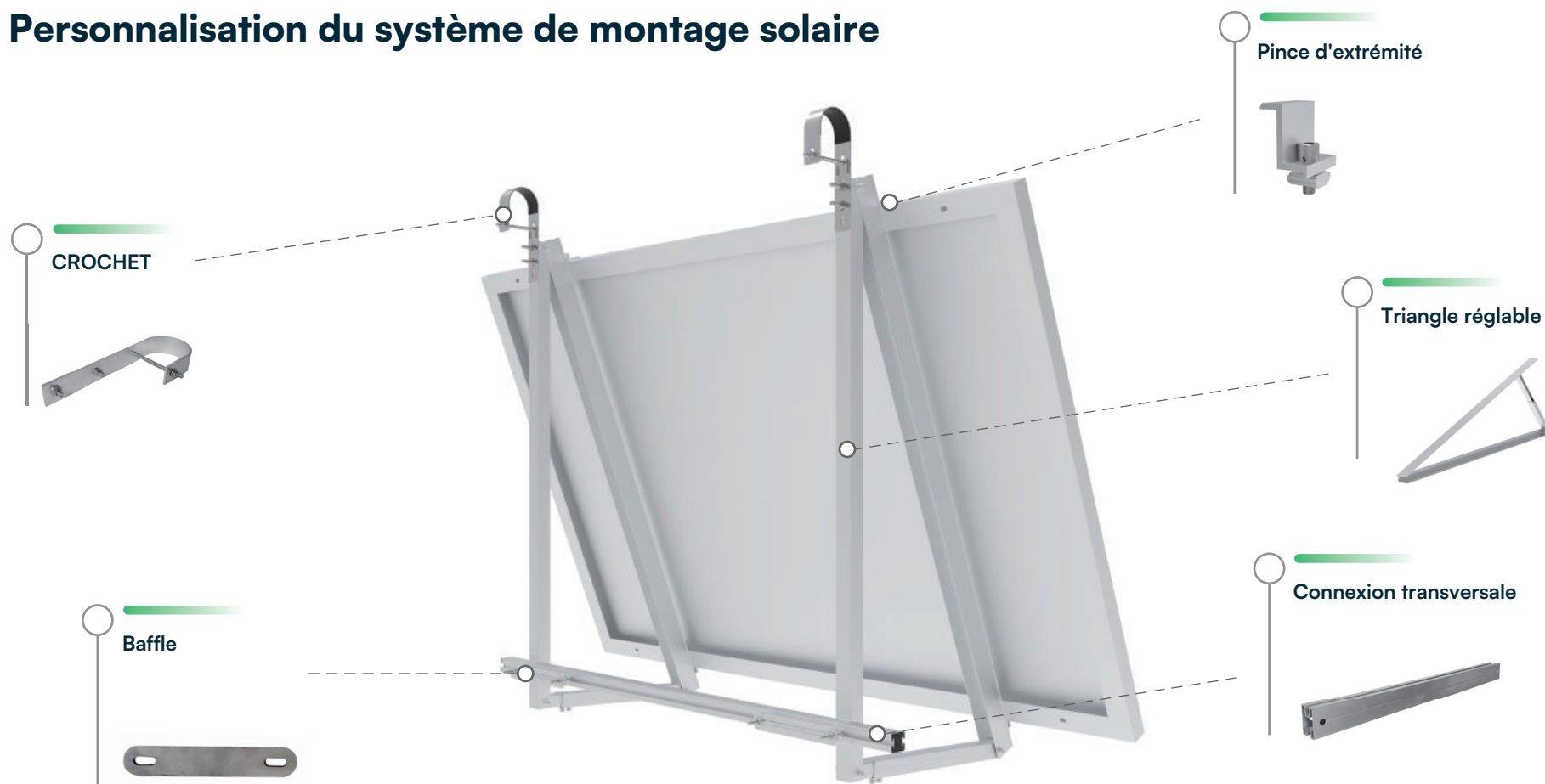
Étape 6

Terminez l'installation.



SUPPORTS DE BALCON RÉGLABLES

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

MANUEL D'INSTALLATION DES SUPPORTS DE BALCON RÉGLABLES V-TAC



Étape 1

Déplier le triangle réglable prémontré, régler la longueur de la colonne latérale en fonction de l'angle d'inclinaison optimal requis, puis bloquer fermement le boulon ;



Étape 2

Fixer les crochets à l'aide de vis.



Étape 3

Relier deux triangles par une connexion transversale



Étape 4

Fixer les panneaux solaires sur les triangles à l'aide de colliers de serrage.



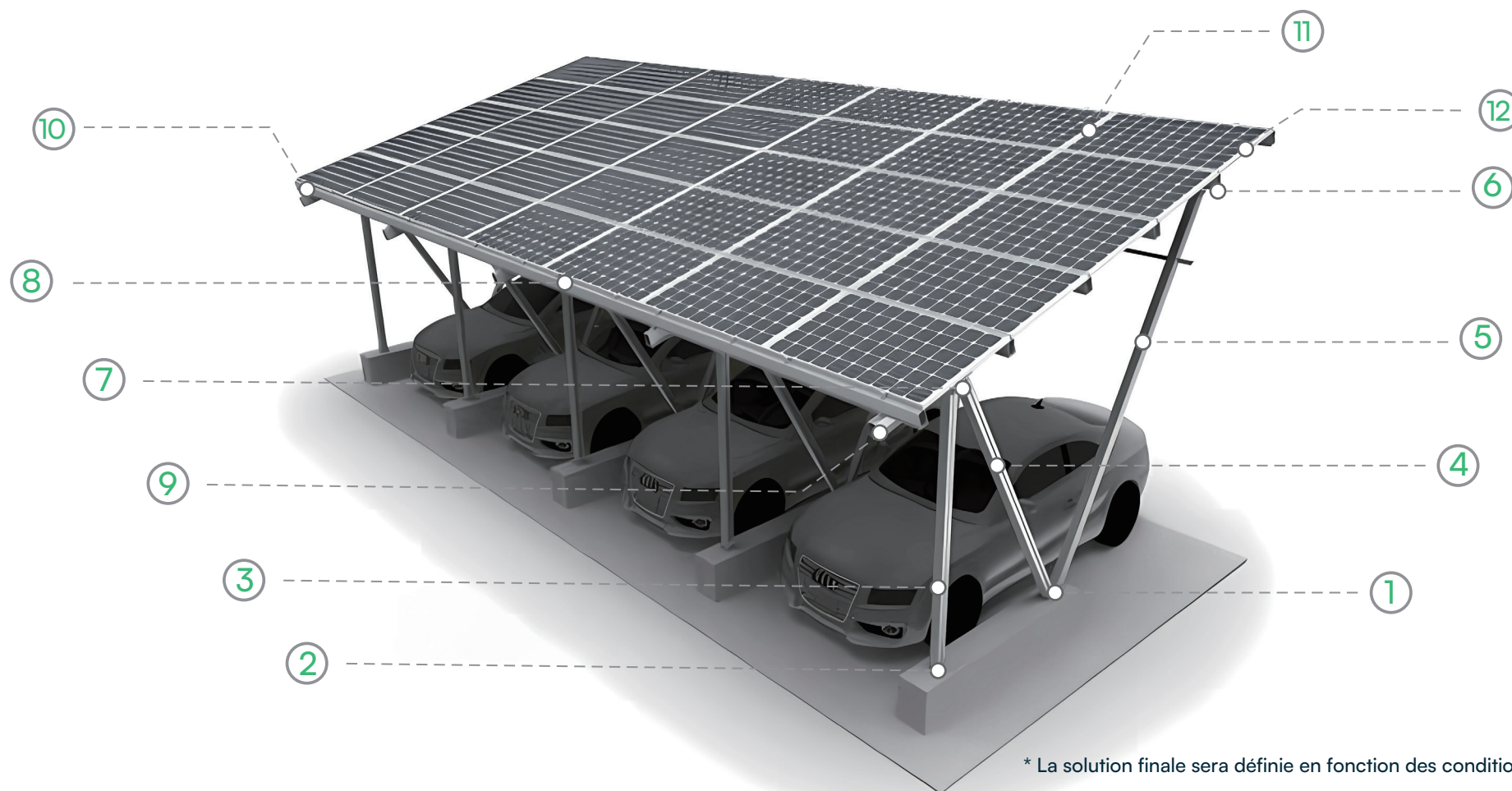
Étape 5

Terminer l'installation.



SUPPORTS SOLAIRES POUR ABRIS DE VOITURE

Personnalisation du système de montage solaire



* La solution finale sera définie en fonction des conditions du projet.

ACCESSOIRES V-TAC DE SUPPORTS DE CARPORT SOLAIRE



1

Base (300mm)



2

Base (200mm)



3

Tube Carport (2500mm)



4

Tube Carport (3760mm)



5

Tube Carport (2950mm)



6

Enveloppe H (150mm)



7

Veste H (220mm)



8

Barre transversale



9

Carport Stringer



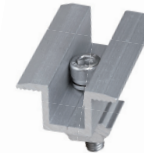
10

Kit de serrage (35mm)



11

Pince centrale (35mm)



12

Pince d'extrémité (35mm)





Meaningful Innovation.

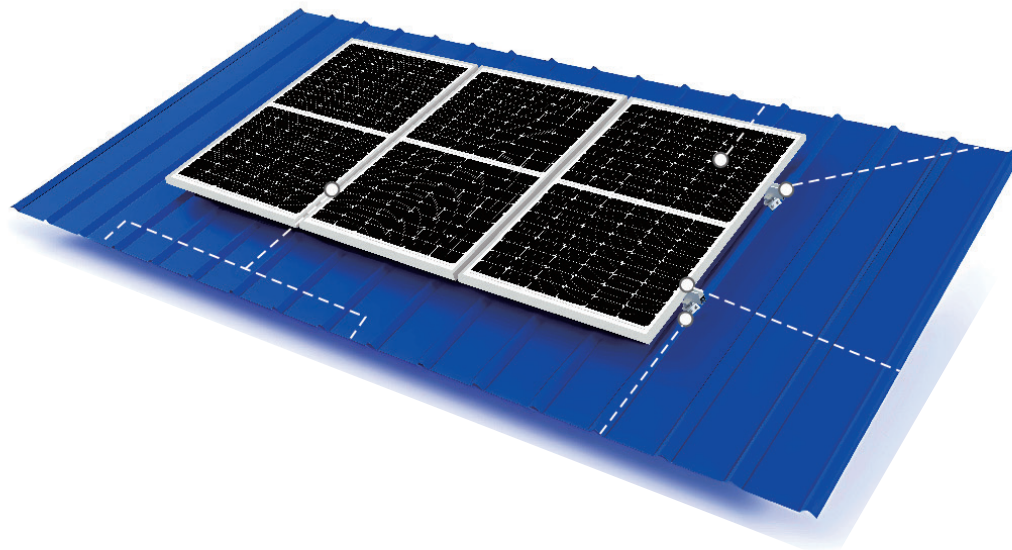
GEBRAUCHSANWEISUNG

L FEET GROUP

SKU	11583
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EINFÜHRUNG

Vielen Dank, dass Sie ein V-TAC Produkt ausgewählt und gekauft haben. V-TAC wird Ihnen die besten Dienste leisten. Bitte lesen Sie diese Anweisungen sorgfältig durch und bewahren Sie diese Bedienungsanleitung zum späteren Nachschlagen auf. Sollten Sie weitere Fragen haben, wenden Sie sich bitte an unseren Händler oder den lokalen Verkäufer, bei dem Sie das Produkt gekauft haben. Sie sind geschult und bereit, Sie bestmöglich zu bedienen.



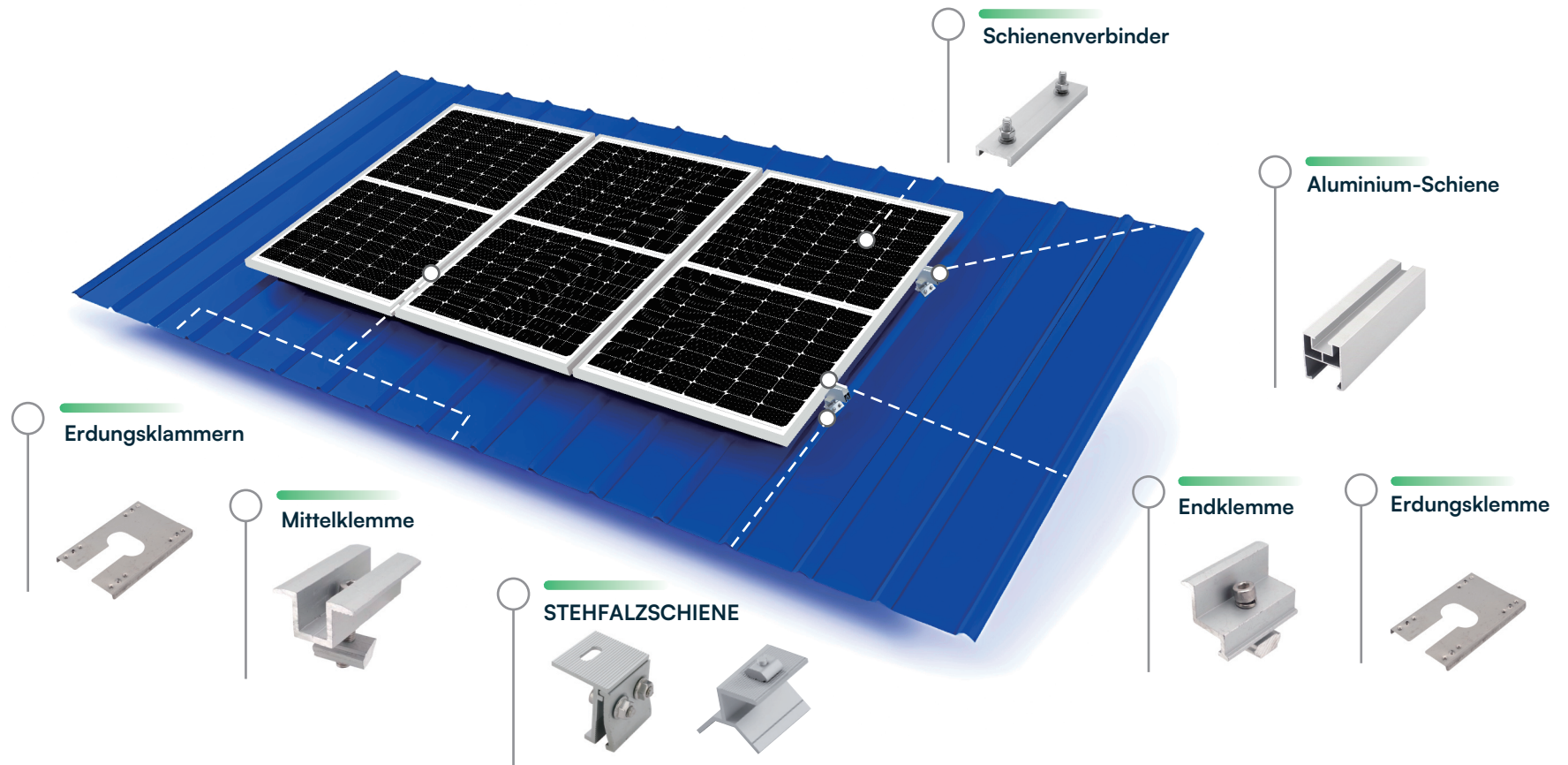
SKU	BESCHREIBUNG
11390	SILBERSCHIENE 1200MM FÜR SOLARPANEL 4STK/SATZ
11389	MITTELKLEMMER 35MM FÜR SOLARPANEL 8STK/SET
11391	DACHHAKEN FÜR SOLARPANEL 5 STÜCK/SET
11392	TT-MUTTER FÜR SOLARPANEL 20STK/SATZ
11393	SCHRAUBE M6*50MM FÜR SOLARPANEL 30STK/SATZ
11394	SPLEISSUNG FÜR SILBERSCHIENE 8STK/SET
11395	ERDUNGSPLATTE FÜR SOLARPANEL 8 STÜCK/SET
11388	ENDKLEMMER 35MM FÜR SOLARPANEL 4STK/SET

11385	EINSTELLBARER HINTENFUSS (H280-415mm/10°-15°) FÜR SOLARPANEL
11386	VERSTELLBARER HINTERER FUSS (H420-700mm/15°-30°) FÜR SOLARPANEL
11387	DREIECKSSTÜTZE MIT EINSTELLBAREM WINKEL 10°-15° FÜR SOLARPANEL
11417	VERSTELLBARES VORDERBEIN FÜR SOLARPANEL
11538	SILBERSCHIENE 2000MM FÜR SOLARPANEL 4STK/SATZ

BEI FRAGEN/PROBLEMEN MIT DEM PRODUKT WENDEN SIE SICH BITTE AN UNS UNTER: SUPPORT@V-TAC.EU FÜR WEITERE PRODUKTE, ANFRAGEN WENDEN SIE SICH BITTE AN UNSEREN DISTRIBUTOR ODER DEN NÄCHSTGELEGENEN HÄNDLER. V-TAC EUROPE LTD. BULGARIEN, PLOVDIV 4000, BUL.L.KARAVELOW 9B

WELLBLECHHALTERUNGEN

Anpassung des Solarmontagesystems



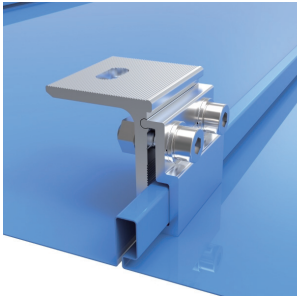
* Die endgültige Lösung wird je nach den Projektbedingungen festgelegt.

V-TAC-WELLBLECHHALTERUNGEN INSTALLATIONSHANDBUCH



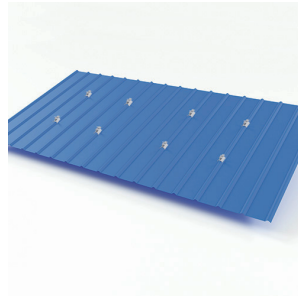
Schritt 1

Wählen Sie die geeigneten Klammern für die Metallfliesen aus.



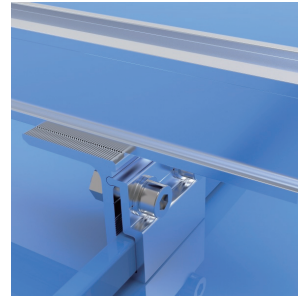
Schritt 2

Befestigen Sie die übrigen Klammern auf die gleiche Weise.



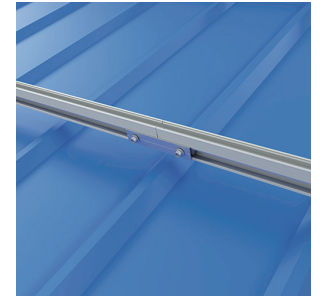
Schritt 3

Montieren Sie die passenden Schienen mit Schrauben an den Klammern.



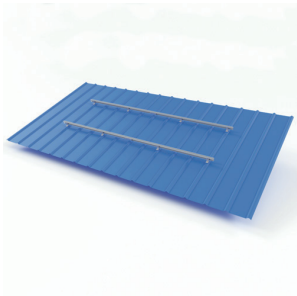
Schritt 4

Verbinden Sie die Schienen mit einer Spleißung.



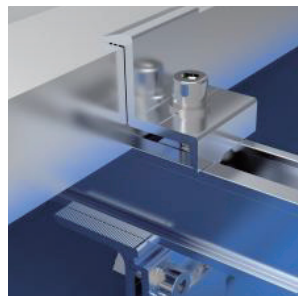
Schritt 5

Beenden Sie den Einbau der Schienen auf die gleiche Weise.



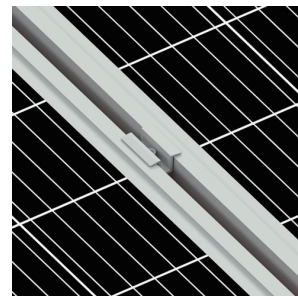
Schritt 6

Befestigen Sie die Solarmodule mit Endklemmen an den Schienen.



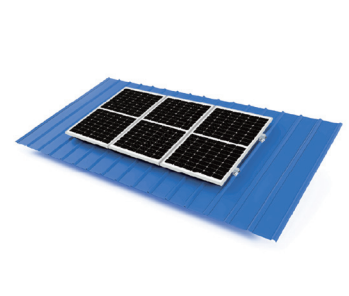
Schritt 7

Befestigen Sie zwei Solarmodule mit Mittelklemmen an den Schienen.



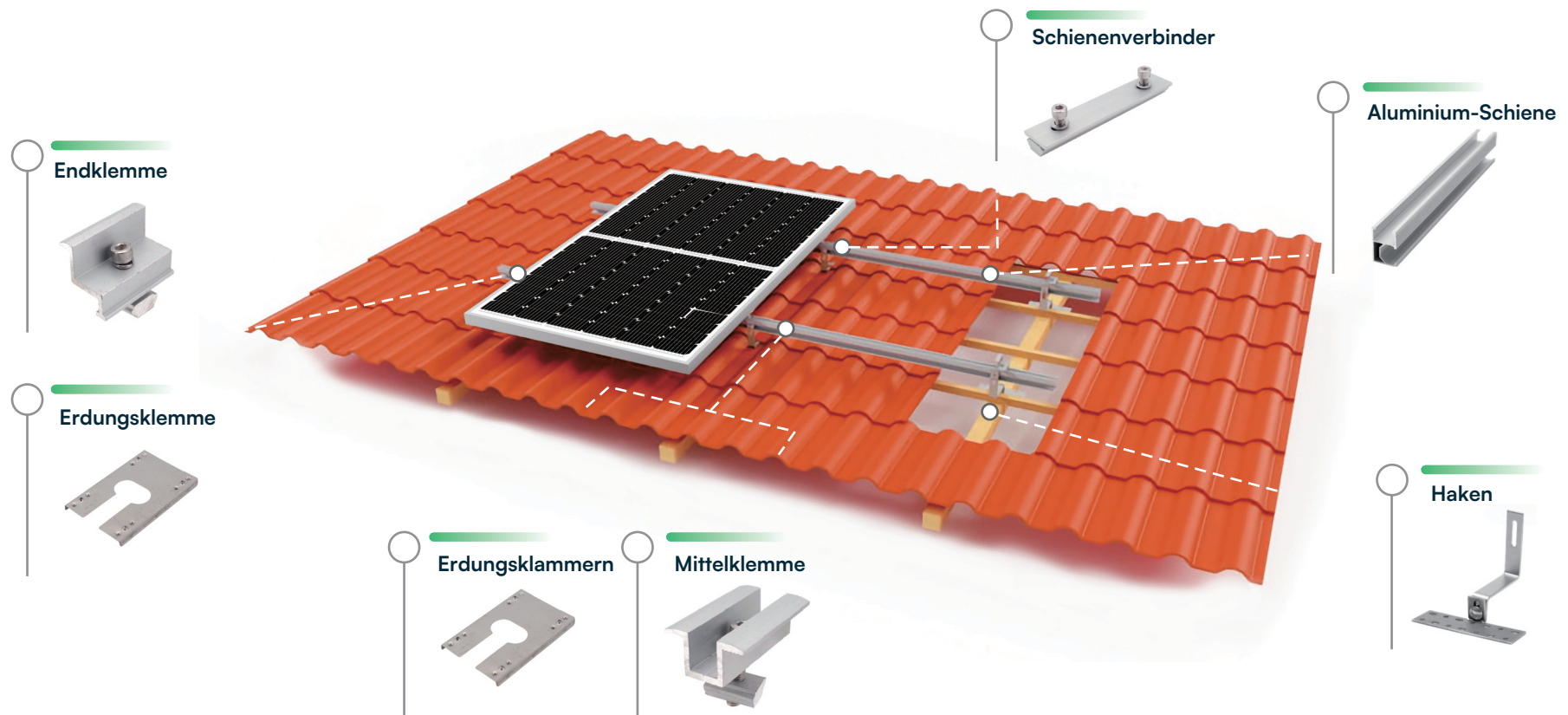
Schritt 8

Beenden Sie die Installation.



SCHRÄGDACHZIEGEL-KONSOLEN

Anpassung des Solarmontagesystems



* Die endgültige Lösung wird je nach den Projektbedingungen festgelegt.

V-TAC SCHRÄGDACHKONSOLEN MONTAGEANLEITUNG FÜR ZIEGEL



Schritt 1

Entfernen Sie die glasierten Kacheln.



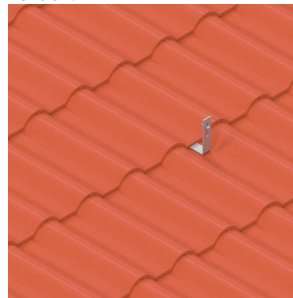
Schritt 2

Befestigen Sie die SUS304-Haken mit Schrauben am Dachsparren.



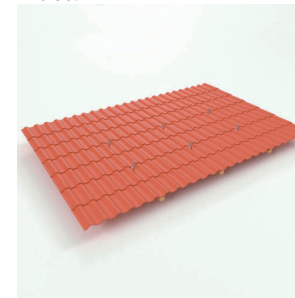
Schritt 3

Nachdem Sie die Haken befestigt haben, legen Sie die glasierte Fliese zurück.



Schritt 4

Montieren Sie die übrigen Haken auf die gleiche Weise.



Schritt 5

Befestigen Sie die Schienen mit Gleitmuttern an den Haken.



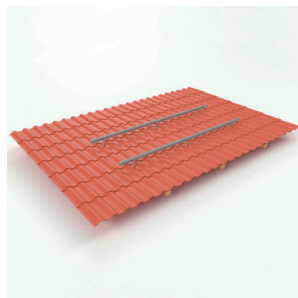
Schritt 6

Beenden Sie den Einbau der Schienen auf die gleiche Weise.



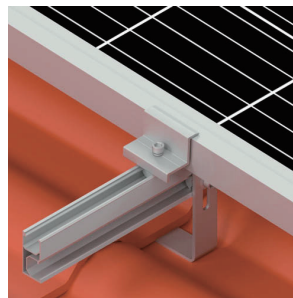
Schritt 7

Beenden Sie den Einbau der Schienen auf die gleiche Weise.



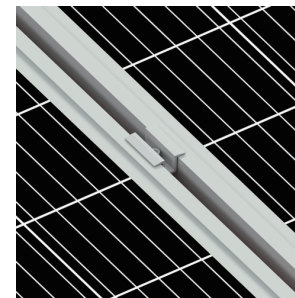
Schritt 8

Befestigen Sie die Solarmodule mit Endklemmen an den Schienen.



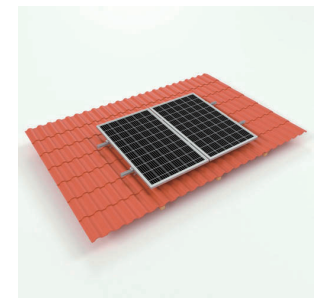
Schritt 9

Befestigen Sie zwei Solarmodule mit Mittelklemmen an den Schienen.



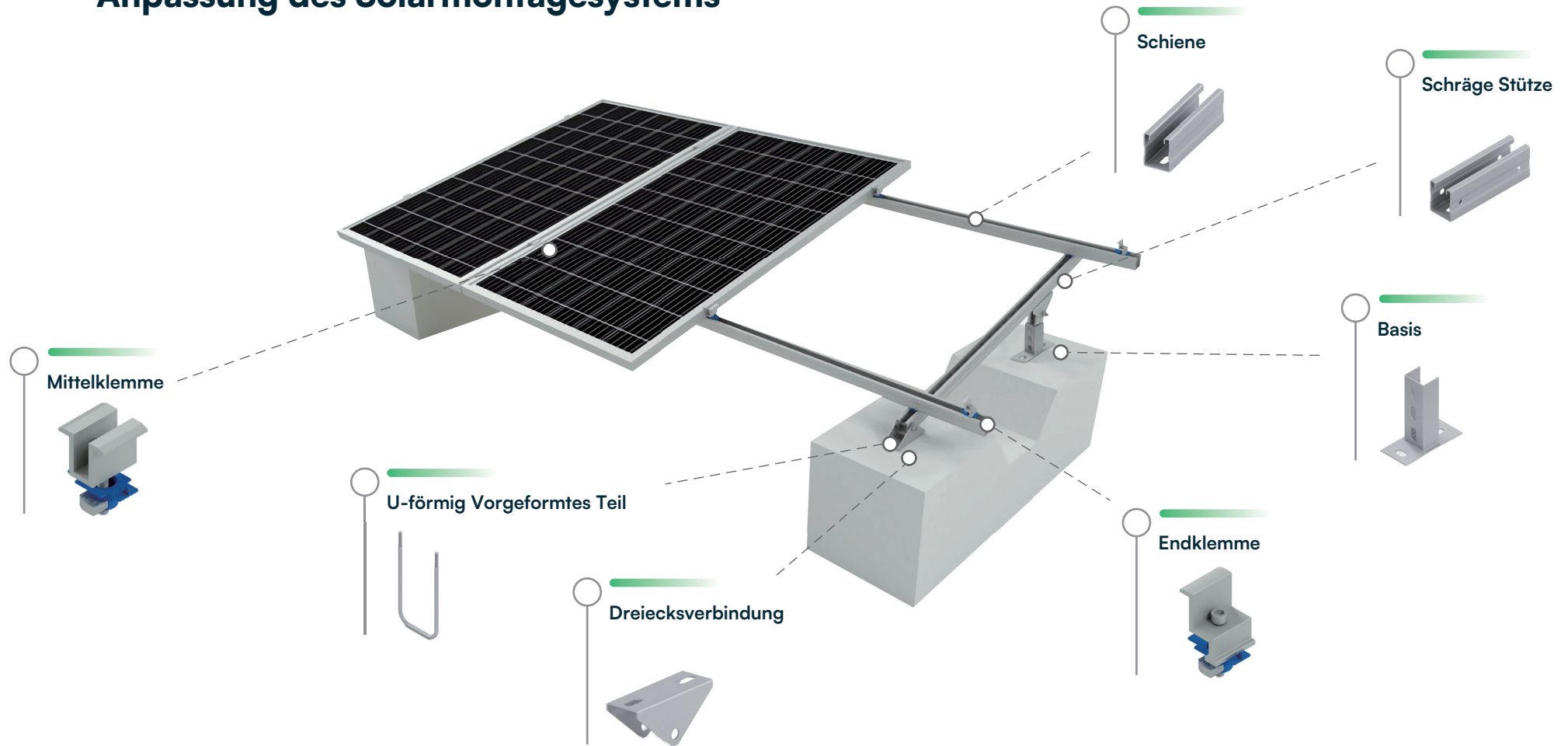
Schritt 10

Beenden Sie die Installation.



FLACHDACHKONSOLEN AUS BETON

Anpassung des Solarmontagesystems



* Die endgültige Lösung wird in Abhängigkeit von den Projektbedingungen festgelegt.

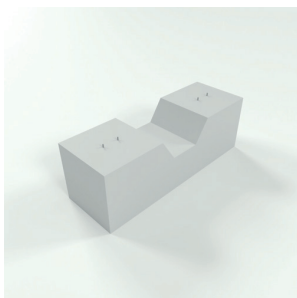
V-TAC CONCRET FLACHDACHKONSOLEN

MONTAGEANLEITUNG



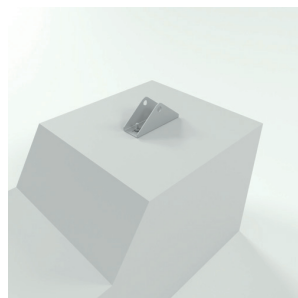
Schritt 1

Bauen Sie die U-förmigen Teile in den Betonblock ein.



Schritt 2

Montieren Sie den Sockel und das Dreieck.



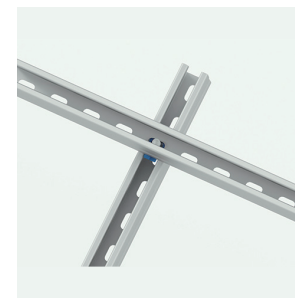
Schritt 3

Montieren Sie die Säule und die schräge Stütze auf dem Sockel.



Schritt 4

Schienen mit Schrauben am Dreieck befestigen.



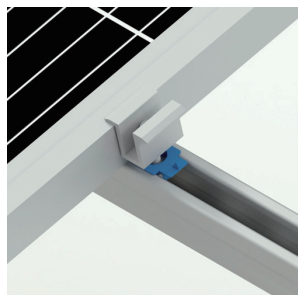
Schritt 5

Verbinden Sie die Schienen mit der Verbindung.



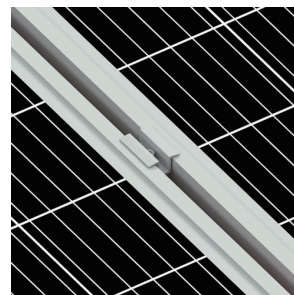
Schritt 6

Befestigen Sie die Solarmodule mit Endklemmen an den Schienen.



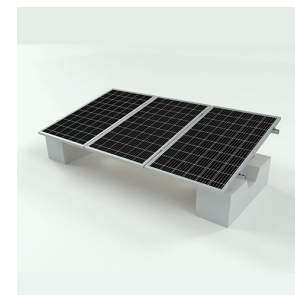
Schritt 7

Befestigen Sie zwei Solarmodule mit mittleren Klammern.



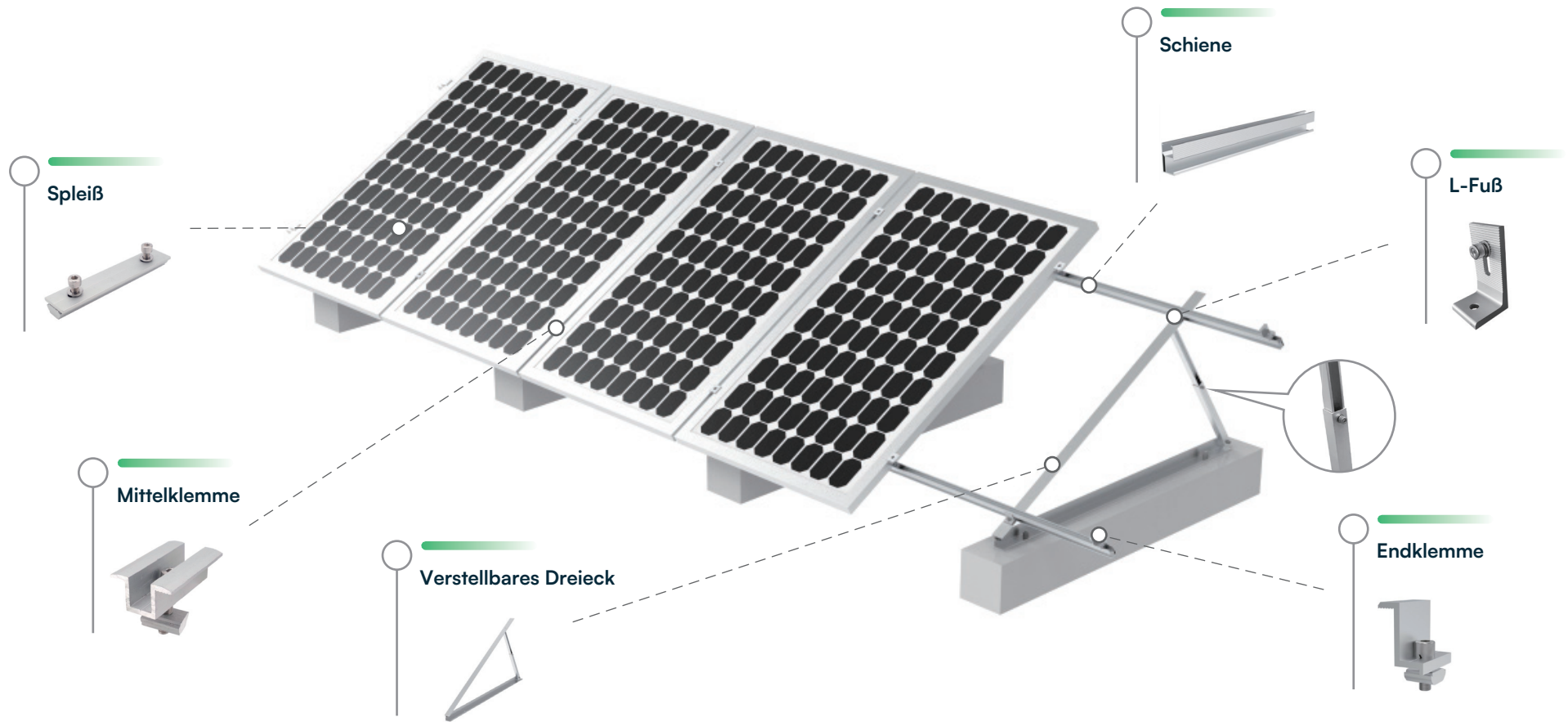
Schritt 8

Beenden Sie die Installation.



FLACHDACH VERSTELLBARE DREIECKSTÜTZEN

Anpassung des Solarmontagesystems



* Die endgültige Lösung wird je nach den Projektbedingungen festgelegt.

V-TAC FLACHDACH VERSTELLBARE DREIECKSKONSOLEN INSTALLATIONSHANDBUCH



Schritt 1

Klappen Sie das vormontierte verstellbare Dreieck aus, stellen Sie die Länge der Seitensäule entsprechend dem gewünschten optimalen Neigungswinkel ein und ziehen Sie den Bolzen fest an;



Schritt 2

Montieren Sie die Schienen mit dem L-Fuß auf dem verstellbaren Dreieck, ziehen Sie die Schraube fest an und achten Sie darauf, dass alle Schienen auf gleicher Höhe sind.



Schritt 3

Verbinden Sie die Schienen mit einer Spleißung.



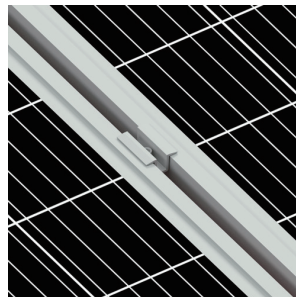
Schritt 4

Befestigen Sie die Solarmodule mit Endklemmen an den Schienen



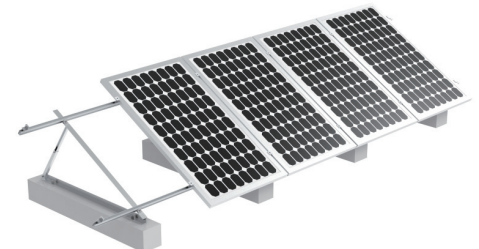
Schritt 5

Befestigen Sie zwei Solarmodule mit mittleren Klammern.



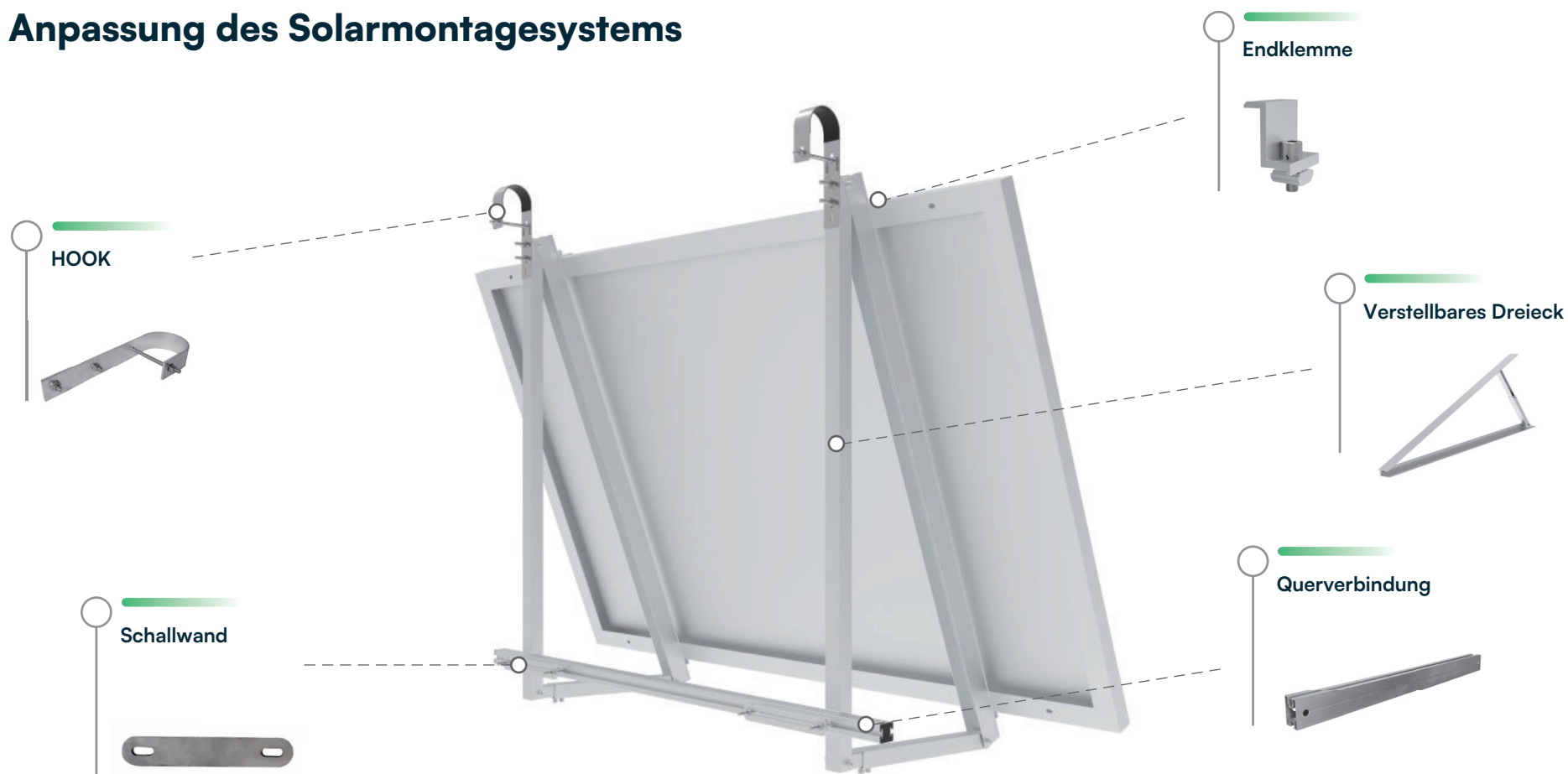
Schritt 6

Beenden Sie die Installation.



VERSTELLBARE BALKONHALTERUNGEN

Anpassung des Solarmontagesystems



* Die endgültige Lösung wird je nach den Projektbedingungen festgelegt.

V-TAC VERSTELLBARE BALKONHALTERUNGEN

INSTALLATIONSHANDBUCH



Schritt 1

Klappen Sie das vormontierte verstellbare Dreieck aus, stellen Sie die Länge der Seitensäule entsprechend dem gewünschten optimalen Neigungswinkel ein und ziehen Sie den Bolzen fest an:



Schritt 2

Befestigen Sie die Haken mit Schrauben.



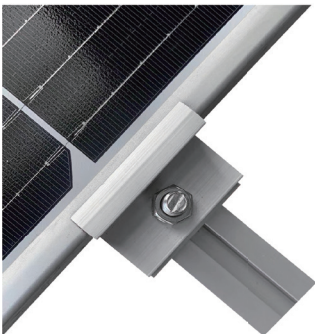
Schritt 3

Verbinden Sie zwei Dreiecke mit einer Kreuzverbindung



Schritt 4

Befestigen Sie die Solarmodule mit Endklemmen an den Dreiecken.



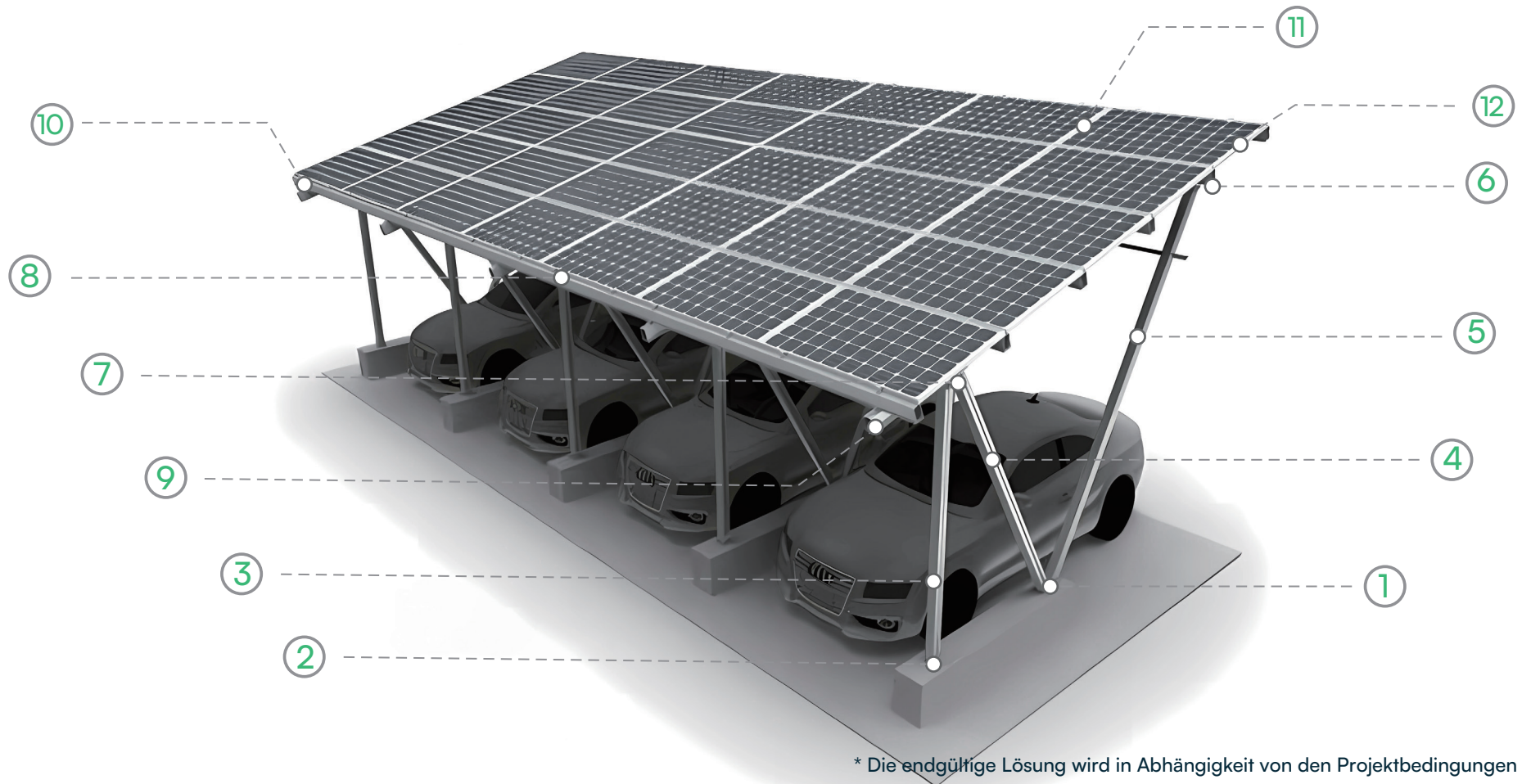
Schritt 5

Beenden Sie die Installation.



SOLAR-CARPORT-HALTERUNGEN

Anpassung des Solarmontagesystems



* Die endgültige Lösung wird in Abhängigkeit von den Projektbedingungen festgelegt.

V-TAC ZUBEHÖR FÜR SOLAR-CARPORT- HALTERUNGEN

V-TAC
Meaningful Innovation.

1

Sockel (300mm)



2

Sockel (200mm)



3

Carport Rohr (2500mm)



4

Carport Rohr (3760mm)



5

Carport Rohr (2950mm)



6

H Mantel (150mm)



7

H Mantel (220mm)



8

Querstange Schiene



9

Carport Stringer



10

Klemmsatz (35mm)



11

Mittelklemme (35mm)



12

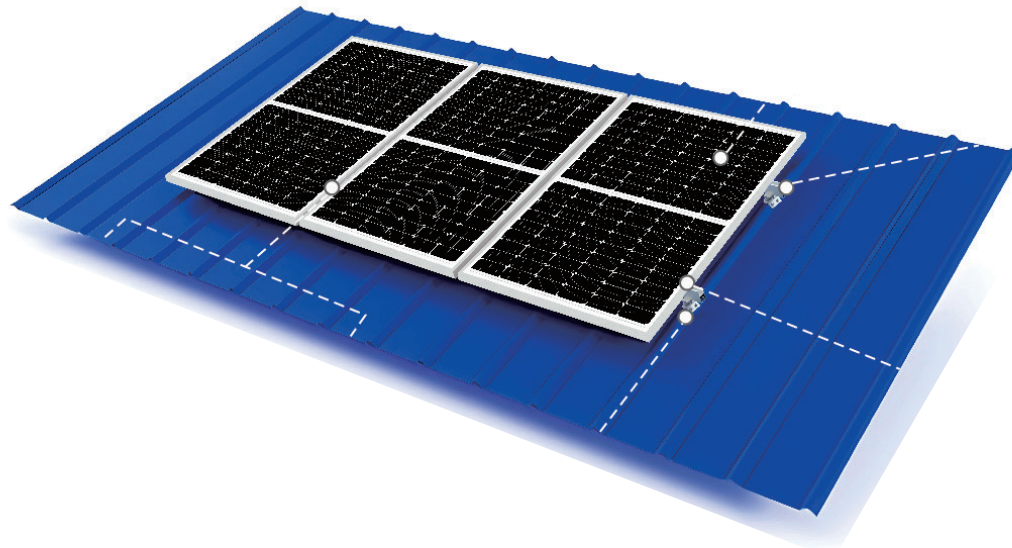
Endklemme (35mm)





Meaningful Innovation.

ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ L FEET GROUP



SKU	11583
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ΕΙΣΑΓΩΓΗ

Σας ευχαριστούμε που επιλέξατε και αγοράσατε το προϊόν V-TAC. Η V-TAC θα σας εξυπηρετήσει με τον καλύτερο τρόπο. Παρακαλούμε διαβάστε προσεκτικά αυτές τις οδηγίες και κρατήστε αυτό το εγχειρίδιο χρήσης εύχρηστο για μελλοντική αναφορά. Εάν έχετε οποιαδήποτε άλλη απορία, παρακαλούμε επικοινωνήστε με τον αντιπρόσωπο μας ή τον τοπικό πωλητή από τον οποίο αγοράσατε το προϊόν. Είναι εκπαιδευμένοι και έτοιμοι να σας εξυπηρετήσουν με τον καλύτερο τρόπο.

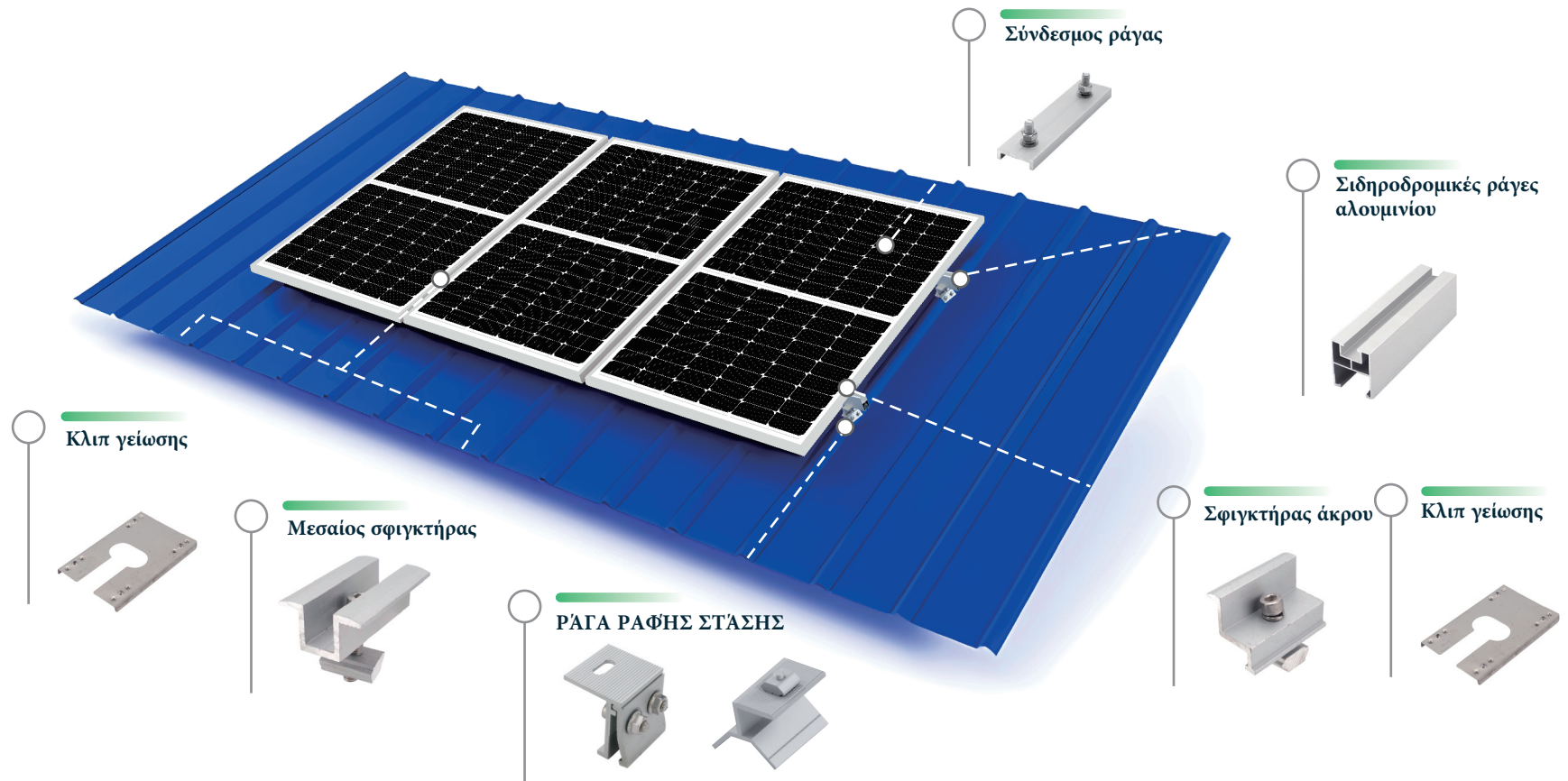
SKU	ΠΕΡΙΓΡΑΦΗ
11390	ΑΣΗΜΕΝΙΑ ΡΑΓΑ 1200MM ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 4PCS/SET
11389	ΜΕΣΑΙΟΣ ΣΦΙΓΚΤΗΡΑΣ 35MM ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 8PCS/SET
11391	ΑΓΚΙΣΤΡΟ ΣΤΕΓΗΣ ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 5PCS/SET
11392	ΠΑΞΙΜΑΔΙ ΤΤ ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 20PCS/SET
11393	ΒΙΔΑ Μ6*50MM ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 30PCS/SET
11394	ΣΥΝΔΕΣΜΟΣ ΓΙΑ ΑΣΗΜΕΝΙΑ ΡΑΓΑ 8PCS/SET
11395	ΠΛΑΚΑ ΓΕΙΩΣΗΣ ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 8PCS/SET
11388	ΤΕΛΟΣ ΣΦΙΓΚΤΗΡΑ 35MM ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 4PCS/SET

11385	ΡΥΘΜΙΖΟΜΕΝΟ ΠΙΣΩ ΠΛΕΓΜΑ (H280-415mm/10°-15°) ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ
11386	ΡΥΘΜΙΖΟΜΕΝΟ ΟΠΙΣΘΙΟ ΠΟΔΙ (H420-700mm/15Â°-30Â°) ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ
11387	ΤΡΙΓΩΝΙΚΗ ΣΤΗΡΙΞΗ ΜΕ ΡΥΘΜΙΖΟΜΕΝΗ ΓΩΝΙΑ 10Â°-15Â° ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ
11417	ΡΥΘΜΙΖΟΜΕΝΟ ΜΠΡΟΣΤΙΝΟ ΠΟΔΙ ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ
11538	ΑΣΗΜΕΝΙΑ ΡΑΓΑ 2000MM ΓΙΑ ΗΛΙΑΚΟ ΠΑΝΕΛ 4PCS/SET

ΣΕ ΠΕΡΙΠΤΩΣΗ ΟΠΟΙΟΥΔΗΠΟΤΕ ΕΡΩΤΗΜΑΤΟΣ/ΠΡΟΒΛΗΜΑΤΟΣ ΜΕ ΤΟ ΠΡΟΪΟΝ, ΠΑΡΑΚΑΛΟΥΜΕ ΕΠΙΚΟΙΝΩΝΗΣΤΕ ΜΑΖΙ ΜΑΣ ΣΤΟ:
SUPPORT@V-TAC.EU ΓΙΑ ΠΕΡΙΣΣΟΤΕΡΗ ΣΕΙΡΑ ΠΡΟΪΟΝΤΩΝ, ΈΡΕΥΝΑ ΠΑΡΑΚΑΛΟΥΜΕ ΕΠΙΚΟΙΝΩΝΗΣΤΕ ΜΕ ΤΟΝ ΔΙΑΝΟΜΕΑ ΜΑΣ Ή ΤΟΥΣ
ΠΛΗΣΙΕΣΤΕΡΟΥΣ ΑΝΤΙΠΡΟΣΩΠΟΥΣ. V-TAC EUROPE LTD. ΒΟΥΛΓΑΡΙΑ, ΠΛΑΒΝΤΙΒ 4000, BUL.L.KARAVELOW 9B

ΒΡΑΧΙΟΝΕΣ ΑΠΟ ΚΥΜΑΤΟΕΙΔΗ ΛΑΜΑΡΙΝΑ

Προσαρμογή του ηλιακού συστήματος τοποθέτησης



* Η τελική λύση θα καθορισθεί σύμφωνα με τις συνθήκες του έργου.

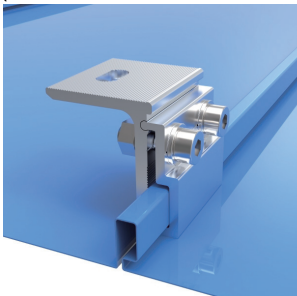
V-TAC ΚΥΜΑΤΟΕΙΔΗΣ ΛΑΜΑΡΙΝΑ

ΒΡΑΧΙΟΝΕΣ ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ



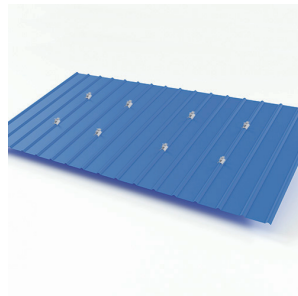
Βήμα 1

Επιλέξτε τους κατάλληλους σφιγκτήρες για να στηριχτείτε στο μεταλλικό πλακίδιο.



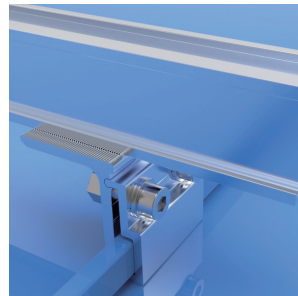
Βήμα 2

Στερεώστε τους υπόλοιπους σφιγκτήρες με τον ίδιο τρόπο.



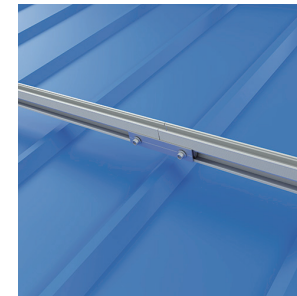
Βήμα 3

Τοποθετήστε τις κατάλληλες ράγες στους σφιγκτήρες με βίδες.



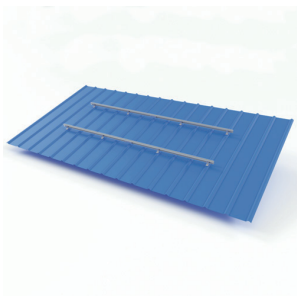
Βήμα 4

Συνδέστε τις ράγες με συγκόλληση.



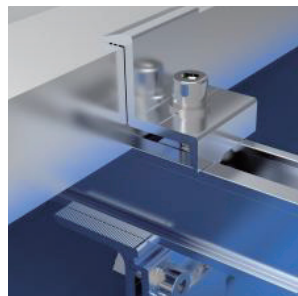
Βήμα 5

Ολοκληρώστε την εγκατάσταση των σιδηροτροχιών με τον ίδιο τρόπο.



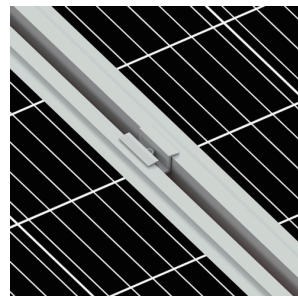
Βήμα 6

Στερεώστε τους ηλιακούς συλλέκτες στις ράγες με ακραίους σφιγκτήρες.



Βήμα 7

Στερεώστε δύο ηλιακούς συλλέκτες στις ράγες με μεσαίους σφιγκτήρες.



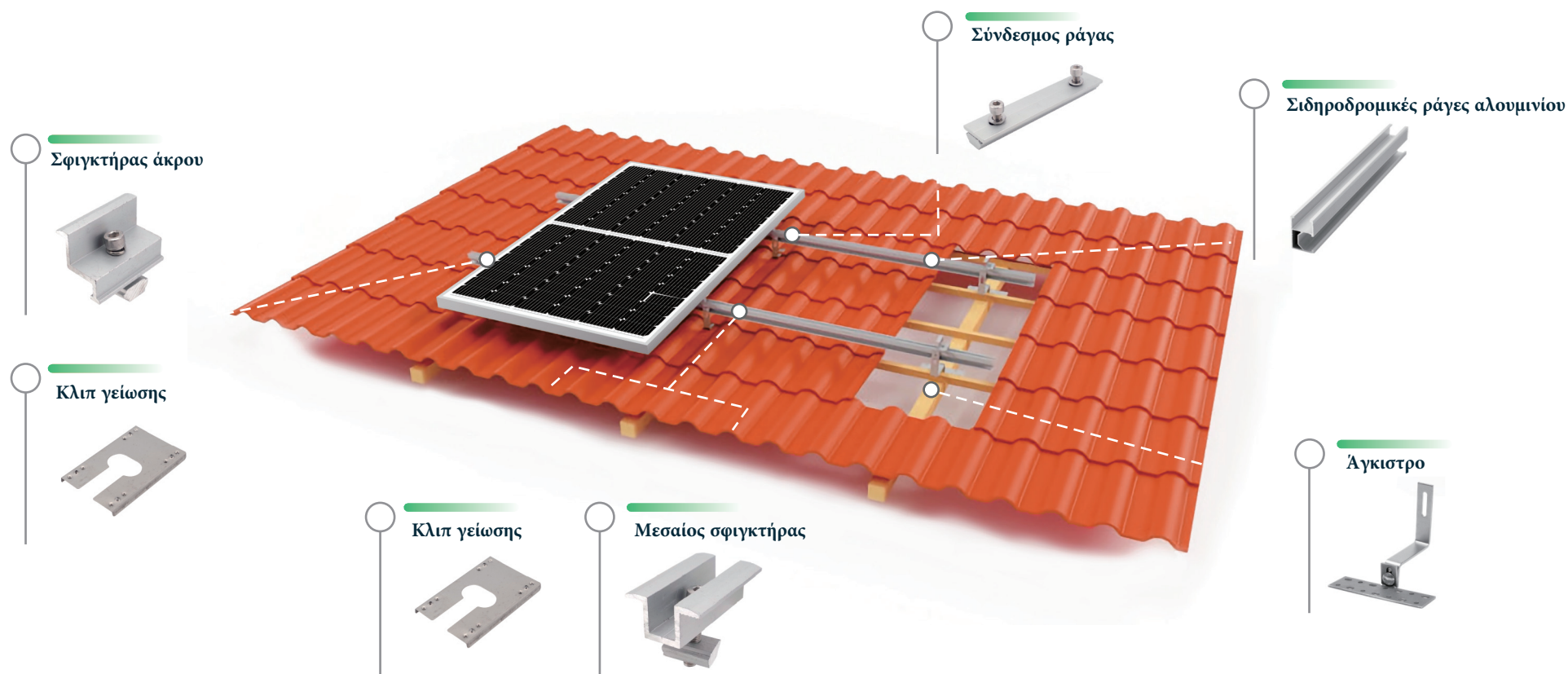
Βήμα 8

Ολοκληρώστε την εγκατάσταση.



ΚΕΚΛΙΜΕΝΑ ΒΡΑΧΙΟΝΕΣ ΚΕΡΑΜΙΔΙΩΝ

Προσαρμογή του ηλιακού συστήματος τοποθέτησης



* Η τελική λύση θα καθοριστεί σύμφωνα με τις συνθήκες του έργου.

V-TAC ΒΡΑΧΪΟΝΕΣ ΤΟΠΟΘΈΤΗΣΗΣ ΚΕΡΑΜΟΣΚΕΠΉΣ

ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΆΣΤΑΣΗΣ



Βήμα 1

Απομακρύνετε το τζάμι.



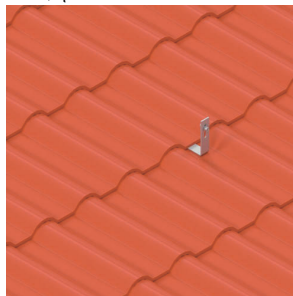
Βήμα 2

Στερεώστε τα άγκιστρα SUS304 στο δοκάρι με βίδες.



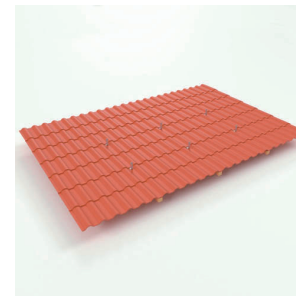
Βήμα 3

Αφού συνδέσετε τα άγκιστρα, μετακινήστε πίσω το τζάμι του πλακιδίου.



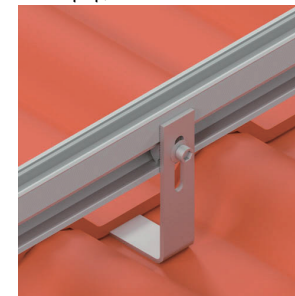
Βήμα 4

Τοποθετήστε τα υπόλοιπα άγκιστρα με τον ίδιο τρόπο.



Βήμα 5

Τοποθετήστε τις ράγες στα άγκιστρα με παξιμάδια ολίσθησης.



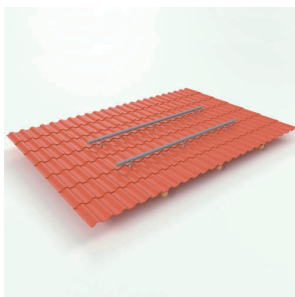
Βήμα 6

Ολοκληρώστε την εγκατάσταση των σιδηροτροχιών με τον ίδιο τρόπο.



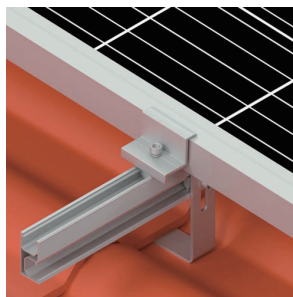
Βήμα 7

Ολοκληρώστε την εγκατάσταση των σιδηροτροχιών με τον ίδιο τρόπο.



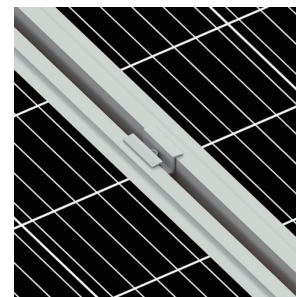
Βήμα 8

Στερεώστε τους ηλιακούς συλλέκτες στις ράγες με ακραίους σφιγκτήρες.



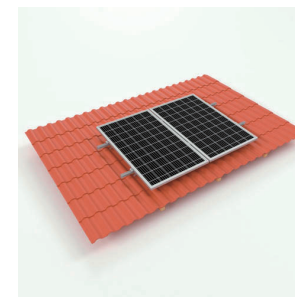
Βήμα 9

Στερεώστε δύο ηλιακούς συλλέκτες στις ράγες με μεσαίους σφιγκτήρες.



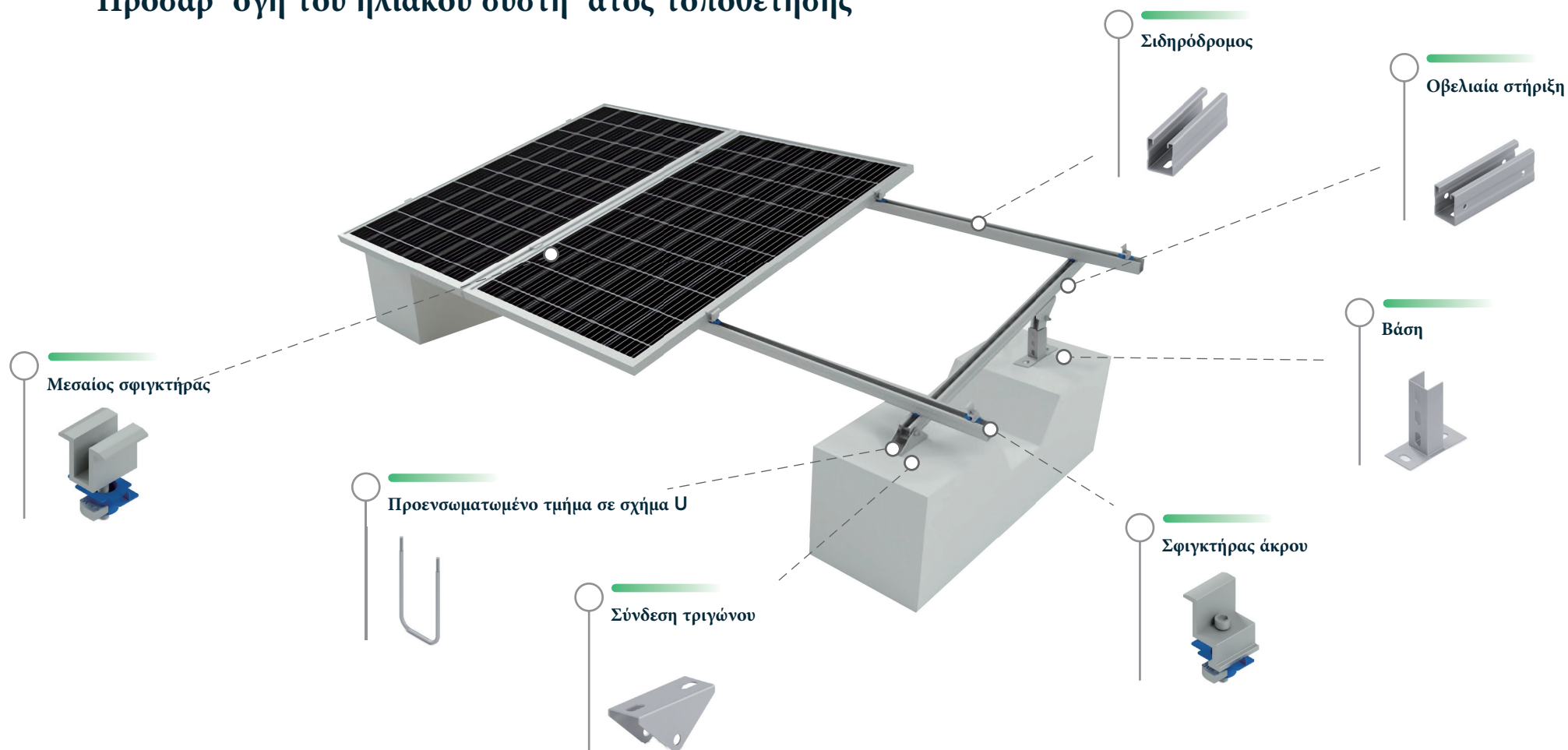
Βήμα 10

Ολοκληρώστε την εγκατάσταση.



ΒΡΑΧΪΟΝΕΣ ΕΠΪΠΕΔΗΣ ΣΤΈΓΗΣ ΑΠΌ ΣΚΥΡΌΔΕΜΑ

Προσαρ τηση του ηλιακού συστή ατος τοποθέτησης



* Η τελική λύση θα καθοριστεί ανάλογα με τις συνθήκες του έργου.

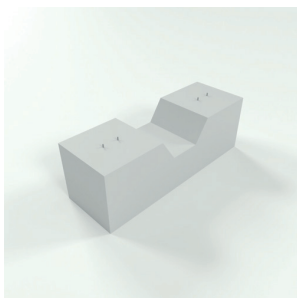
V-TAC CONCRET FLAT ROOF BRACKETS

ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ



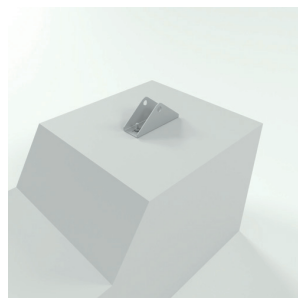
Βήμα 1

Προενσωματώστε τα τμήματα σχήματος U στο τσιμεντένιο μπλοκ.



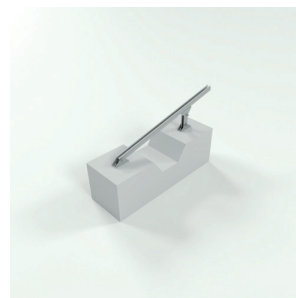
Βήμα 2

Τοποθετήστε τη βάση και το τρίγωνο.



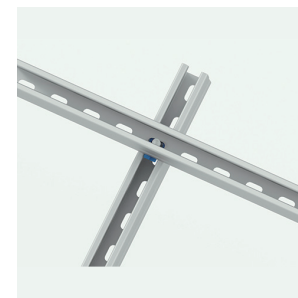
Βήμα 3

Τοποθετήστε τη στήλη και το λοξό στήριγμα στη βάση.



Βήμα 4

Στερεώστε τις ράγες στο τρίγωνο με βίδες.



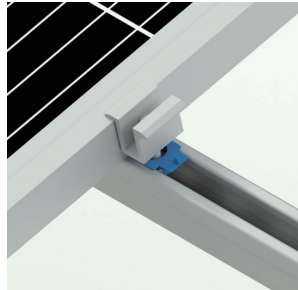
Βήμα 5

Συνδέστε τις ράγες με τη σύνδεση.



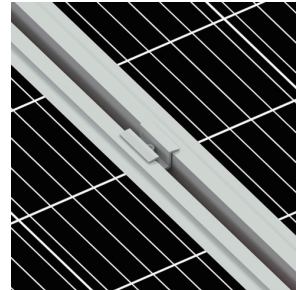
Βήμα 6

Στερεώστε τους ηλιακούς συλλέκτες στις ράγες με ακραίους σφιγκτήρες.



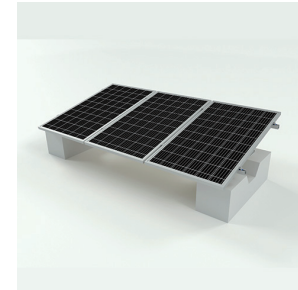
Βήμα 7

Στερεώστε δύο ηλιακούς συλλέκτες με μεσαίους σφιγκτήρες.



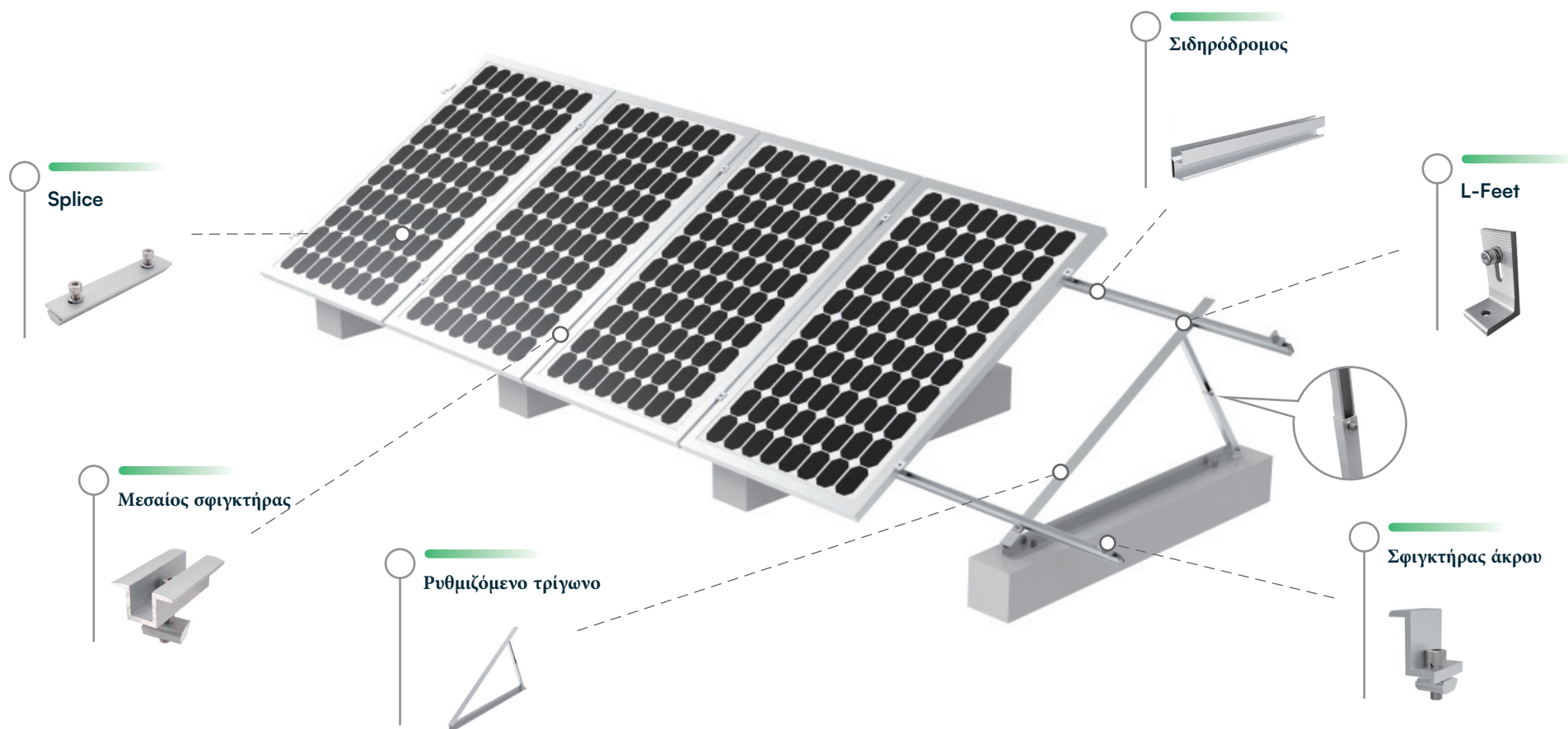
Βήμα 8

Ολοκληρώστε την εγκατάσταση.



ΡΥΘΜΙΖΟΜΕΝΑ ΤΡΙΓΩΝΙΚΑ ΣΤΗΡΙΓΜΑΤΑ ΕΠΙΠΕΔΗΣ ΣΤΕΓΗΣ

Προσαρμογή του ηλιακού συστήματος τοποθέτησης



* Η τελική λύση θα καθορισθεί σύμφωνα με τις συνθήκες του έργου.

V-TAC ΕΠΙΠΕΔΗ ΣΤΕΓΗ ΡΥΘΜΙΖΟΜΕΝΑ ΤΡΙΓΩΝΙΚΑ ΣΤΗΡΙΓΜΑΤΑ

ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΆΣΤΑΣΗΣ



Βήμα 1

Ξεδιπλώστε το προσυναρμολογημένο ρυθμιζόμενο τρίγωνο, ρυθμίστε το μήκος της πλευρικής κολόνας σύμφωνα με την απαιτούμενη βέλτιστη γωνία κλίσης και, στη συνέχεια, ασφαλίστε καλά το μπουλόνι,



Βήμα 2

Τοποθετήστε τις ράγες στο ρυθμιζόμενο τρίγωνο με το L-Foot, ασφαλίστε καλά το μπουλόνι και βεβαιωθείτε ότι όλες οι ράγες βρίσκονται στο ίδιο επίπεδο.



Βήμα 3

Συνδέστε τις ράγες με συγκόλληση.



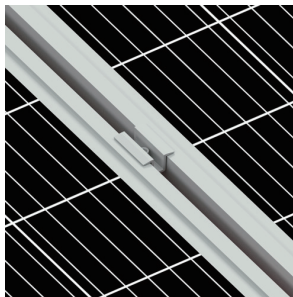
Βήμα 4

Στερεώστε τους ηλιακούς συλλέκτες στις ράγες με ακραίους σφιγκτήρες



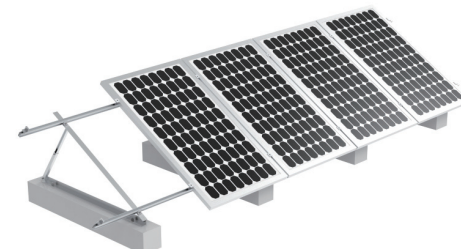
Βήμα 5

Στερεώστε δύο ηλιακούς συλλέκτες με μεσαίους σφιγκτήρες.



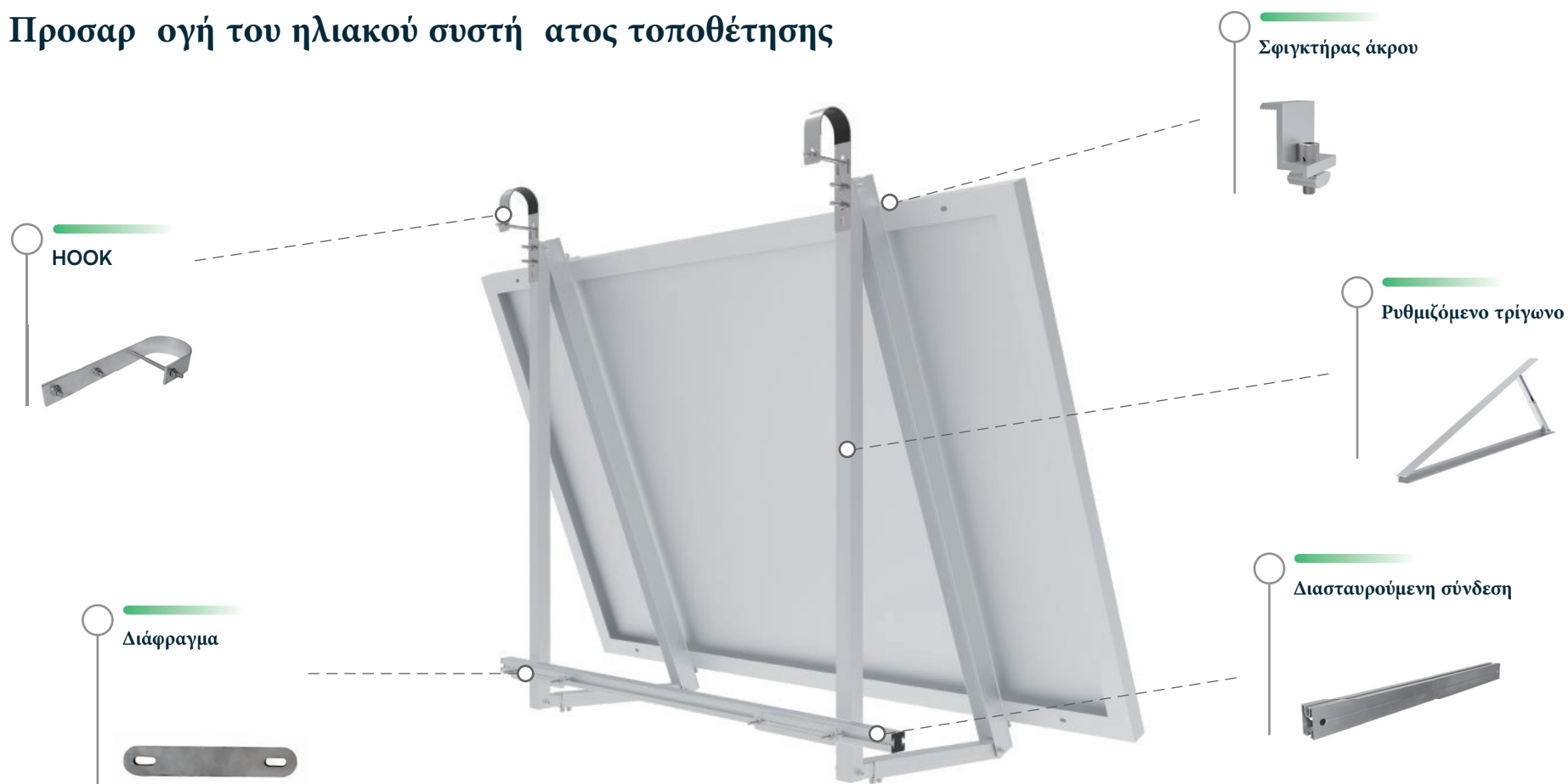
Βήμα 6

Ολοκληρώστε την εγκατάσταση.



ΡΥΘΜΙΖΟΜΕΝΑ ΣΤΗΡΙΓΜΑΤΑ ΜΠΑΛΚΟΝΙΟΥ

Προσαρμογή του ηλιακού συστήματος τοποθέτησης



* Η τελική λύση θα καθορισθεί σύμφωνα με τις συνθήκες του έργου.

V-TAC ΡΥΘΜΙΖΟΜΕΝΑ ΣΤΗΡΪΓΜΑΤΑ ΜΠΑΛΚΟΝΙΟΥ

ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΆΣΤΑΣΗΣ



Βήμα 1

Ξεδιπλώστε το προσυναρμολογημένο ρυθμιζόμενο τρίγωνο, ρυθμίστε το μήκος της πλευρικής κολόνας σύμφωνα με την απαιτούμενη βέλτιστη γωνία κλίσης και, στη συνέχεια, ασφαλίστε καλά το μπουλόνι,



Βήμα 2

Στερεώστε τα άγκιστρα με βίδες.



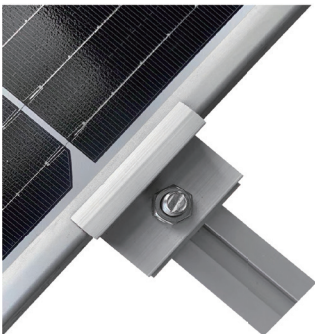
Βήμα 3

Συνδέστε δύο τρίγωνα με εγκάρσια σύνδεση



Βήμα 4

Στερεώστε τους ηλιακούς συλλέκτες στα τρίγωνα με ακραίους σφιγκτήρες



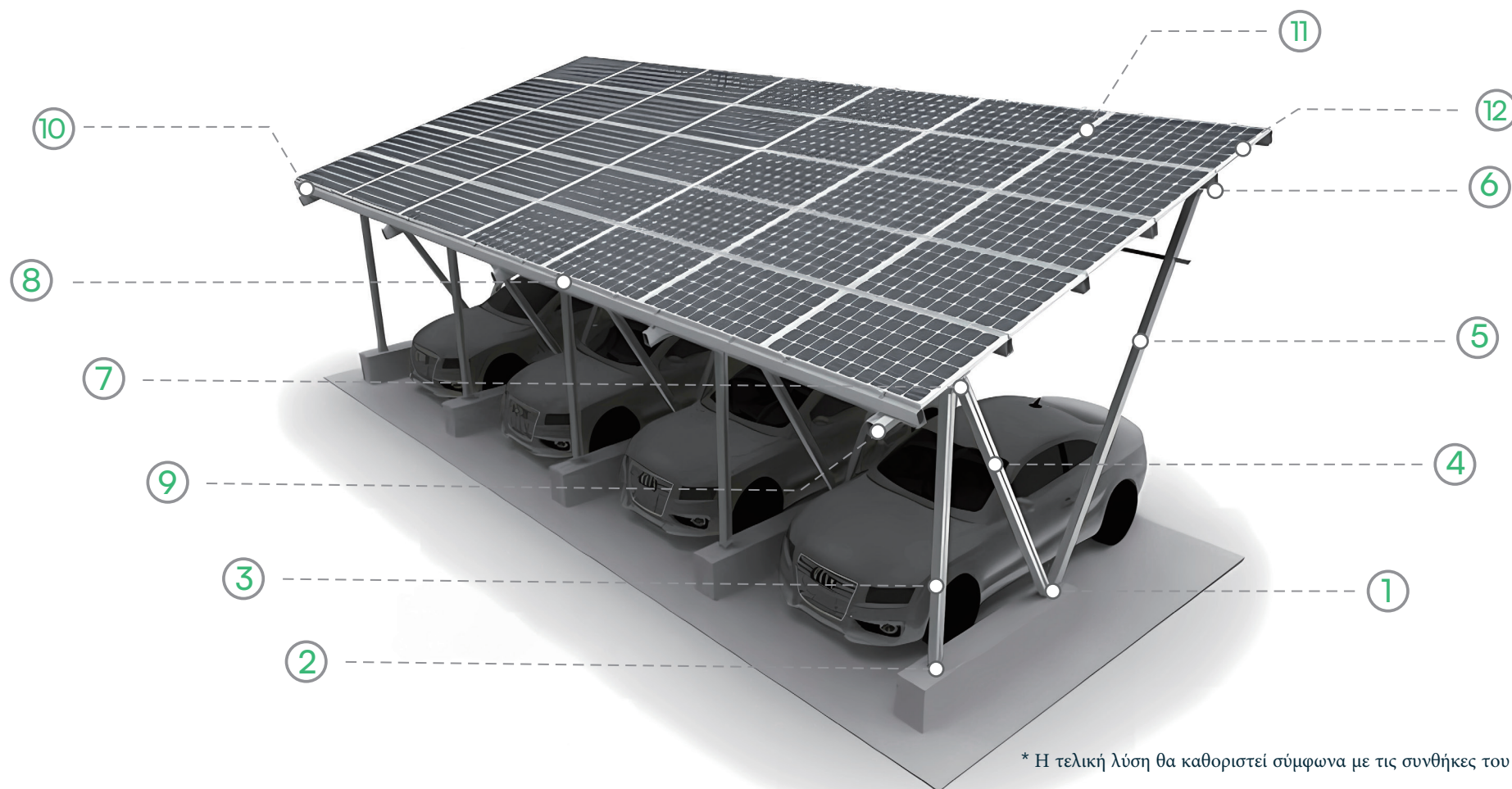
Βήμα 5

Ολοκληρώστε την εγκατάσταση.



ΗΛΙΑΚΟ ΣΤΕΓΑΣΤΡΟ ΠΑΡΕΝΘΕΣΗ

Προσαρμογή του ηλιακού συστήματος τοποθέτησης



* Η τελική λύση θα καθοριστεί σύμφωνα με τις συνθήκες του έργου.

ΑΞΕΣΟΥΑΡ V-TAC ΤΩΝ ΗΛΙΑΚΩΝ ΣΤΗΡΙΓΜΑΤΩΝ CARPORT

V-TAC
Meaningful Innovation.

1

Βάση (300mm)



2

Βάση (200mm)



3

Carport Tube (2500mm)



4

Carport Tube (3760mm)



5

Carport Tube (2950mm)



6

Μπουφάν H (150mm)



7

Μπουφάν H (220mm)



8

Σιδηροδρομικές ράγες



9

Carport Stringer



10

Κιτ σύσφιξης (35mm)



11

Μεσαίος σφιγκτήρας (35mm)



12

Σφιγκτήρας άκρου (35mm)





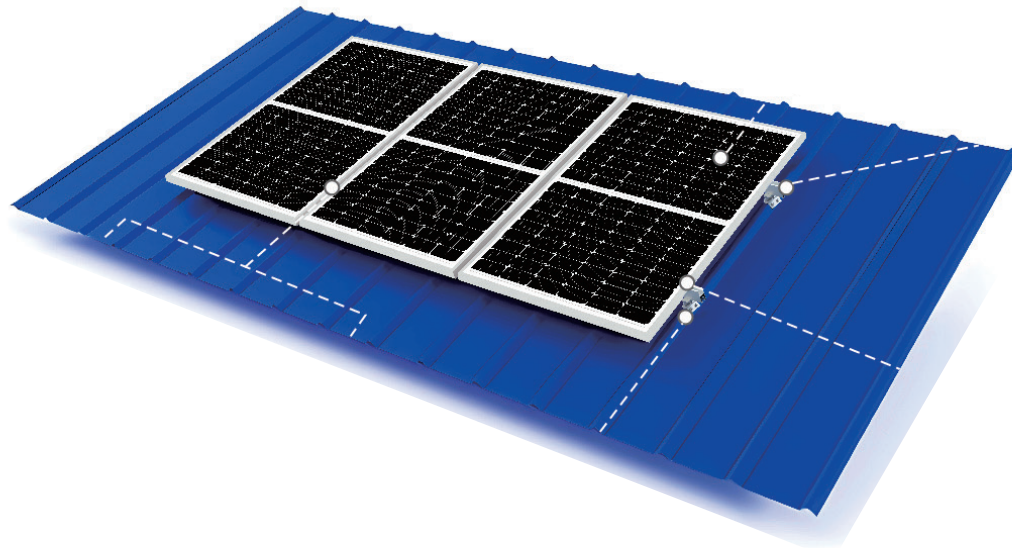
Meaningful Innovation.

HASZNÁLATI ÚTMUTATÓ L FEET GROUP

SKU 11583

BEVEZETÉS

Köszönjük, hogy kiválasztotta és megvásárolta a V-TAC terméket. A V-TAC a legjobbat fogja nyújtani Önnek. Kérjük, olvassa el figyelmesen ezeket az utasításokat és tartsa kéznél ezt a használati útmutatót a későbbi használatra. Ha bármilyen más kérdése van, kérjük, forduljon a kereskedőnkhez vagy a helyi forgalmazóhoz, akitől a terméket vásárolta. Ők képzettek és készen állnak arra, hogy a lehető legjobban kiszolgálják Önt.



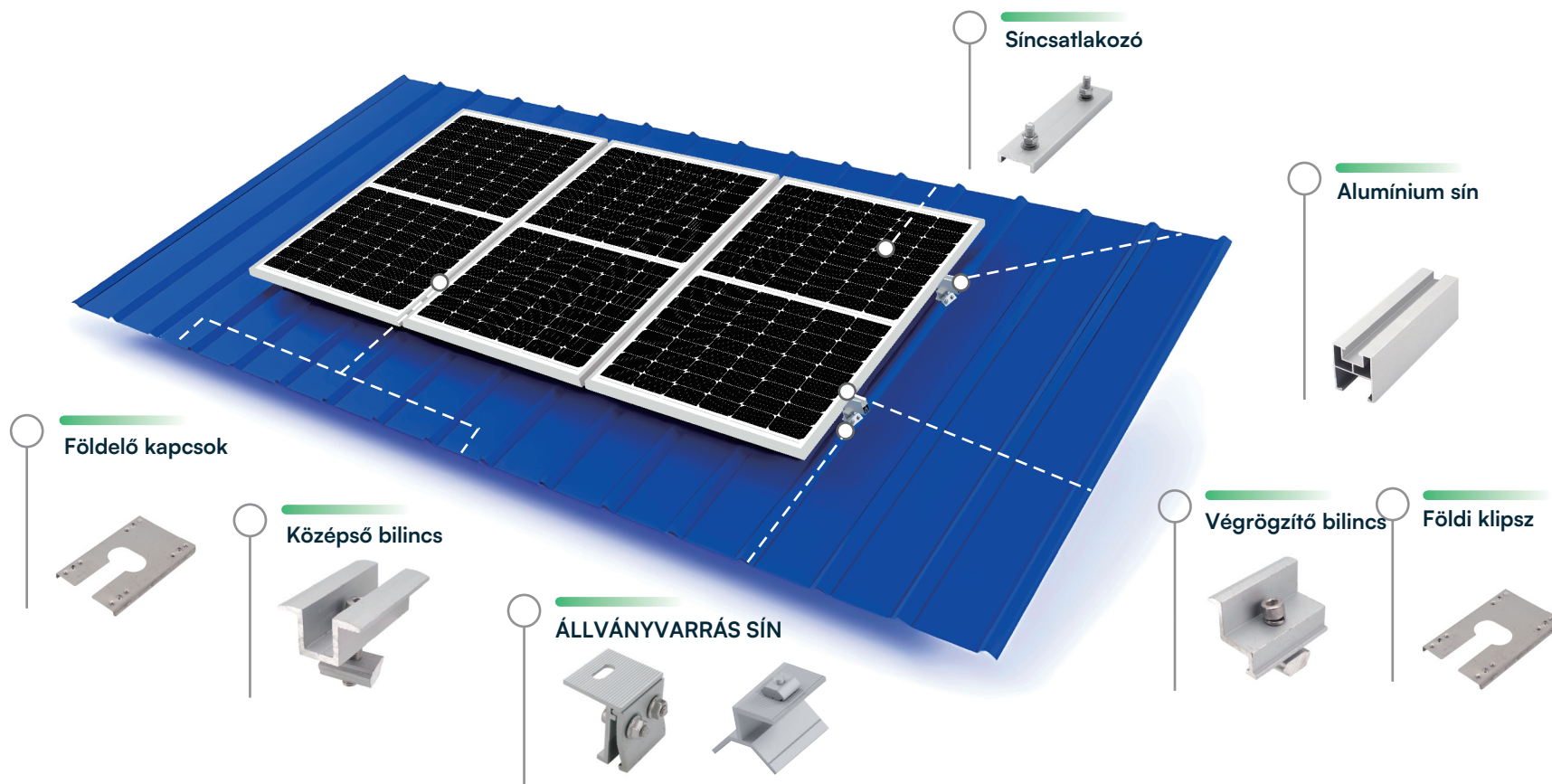
SKU	LEÍRÁS
11390	EZÜST SÍN 1200MM NAPELEMHEZ 4DB/KÉSZLETHEZ
11389	KÖZÉPSŐ BILINCS 35MM NAPELEMEKHEZ 8DB/KÉSZLET
11391	TETŐHOROG NAPELEMHEZ 5DB/KÉSZLET
11392	TT ANYA NAPELEMEKHEZ 20DB/KÉSZLET
11393	M6*50MM-ES CSAVAR NAPELEMHEZ 30DB/KÉSZLET
11394	KÖTÉS EZÜST SÍNHEZ 8DB/KÉSZLET
11395	FÖLDELŐLEMEZ NAPELEMHEZ 8DB/KÉSZLET
11388	35MM-ES VÉGKAPOCS NAPELEMEKHEZ 4DB/KÉSZLET

11385	Állítható hátsó láb (H280-415mm/10°-15°) a napelemes panelhez
11386	Állítható hátsó láb (H420-700mm/15°-30°) a napelemes panelekhez
11387	10°-15° ÁLLÍTHATÓ SZÖGŰ HÁROMSZÖGTARTÓ A NAPELEMHEZ
11417	ÁLLÍTHATÓ ELSŐ LÁB A NAPELEMHEZ
11538	EZÜST SÍN 2000MM NAPELEMES PANELHEZ 4DB/KÉSZLET

A TERMÉKKEL KAPCSOLATOS BÁRMILYEN KÉRDÉS/PROBLÉMA ESETÉN KÉRJÜK, FORDULJON HOZZÁNK A KÖVETKEZŐ CÍMEN:
SUPPORT@V-TAC.EU TOVÁBBI TERMÉKVÁLASZTÉKÉRT, ÉRDEKLŐDÉSÉRT KÉRJÜK, LÉPJEN KAPCSOLATBA FORGALMAZÓNKKAL VAGY
A LEGKÖZELEBBI KERESKEDŐINKKEL. V-TAC EUROPE LTD. BULGÁRIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

HULLÁMOS FÉMLEMEZ KONZOLOK

Solar Mounting System testreszabása



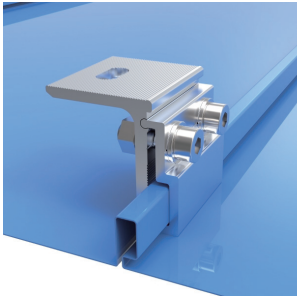
* A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC HULLÁMLEMEZ KONZOLOK SZERELÉSI ÚTMUTATÓJA



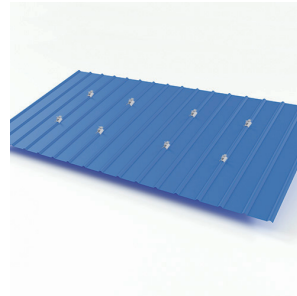
Lépés 1

Válassza ki a megfelelő bilincset, hogy a fémlемеzre álljon.



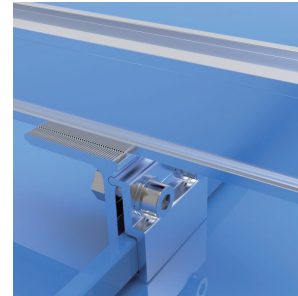
Lépés 2

Ugyanígy rögzítse a többi bilincset is.



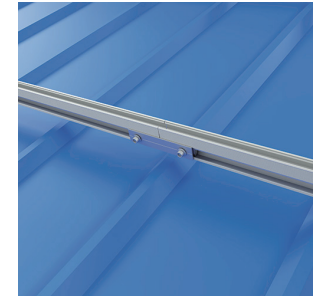
Lépés 3

Szerelje fel a megfelelő síneket a bilincsekre csavarokkal.



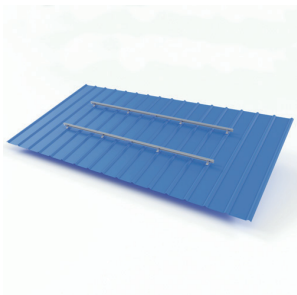
Lépés 4

Csatlakoztassa a síneket illesztéssel.



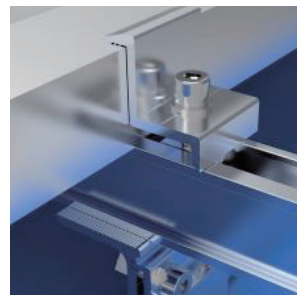
Lépés 5

Fejezze be a sínek felszerelését ugyanígy.



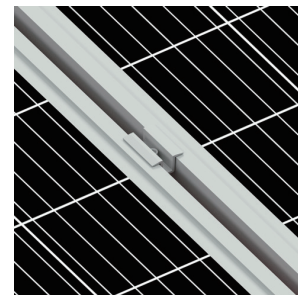
Lépés 6

Rögzítse a napelemeket a sínekre a végkapcsokkal.



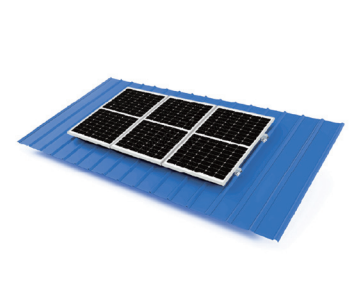
Lépés 7

Rögzítsen két napelemet a sínekre középső bilincsekkel.



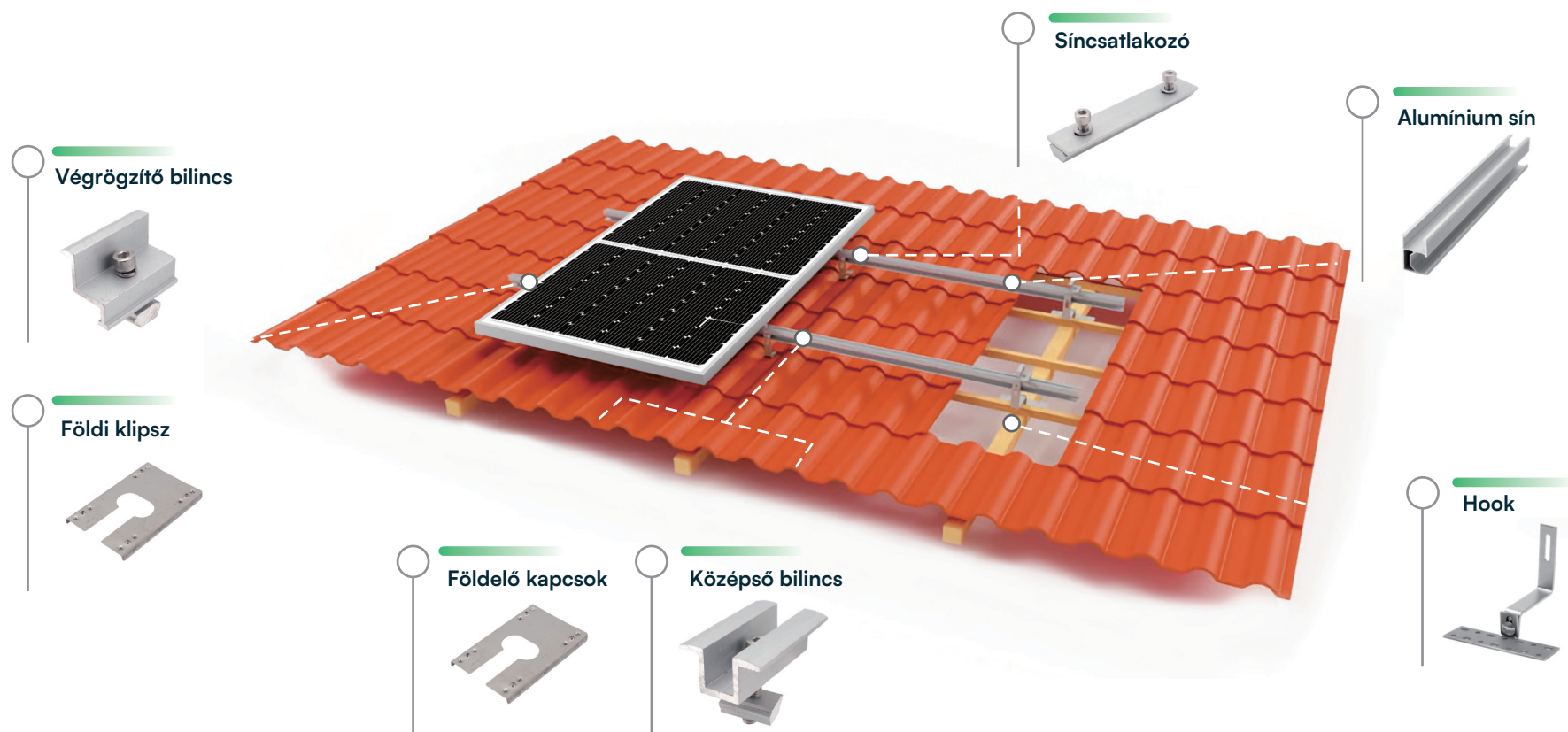
Lépés 8

Fejezze be a telepítést.



FERDE CSEREPES BÁSTYA KONZOLOK

Solar Mounting System testreszabása



* A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC FERDE CSERÉPTETŐ KONZOLOK TELEPÍTÉSI KÉZIKÖNYV



Lépés 1

Távolítsa el a mázas cserépét.



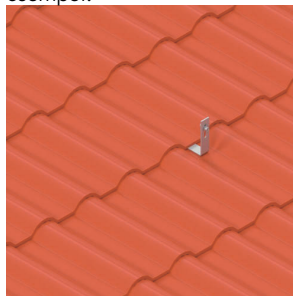
Lépés 2

Rögzítse a SUS304 horgokat a szarufára csavarokkal.



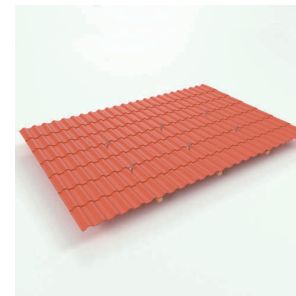
Lépés 3

A kampók rögzítése után tolja vissza a mázas cserépét.



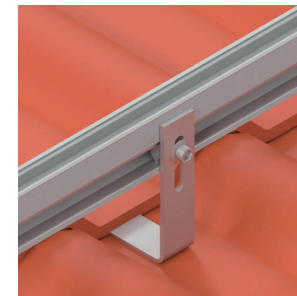
Lépés 4

Ugyanígy szerelje be a többi horgot is.



Lépés 5

Szerelje fel a síneket a kampókra a csúszóanyákkal.



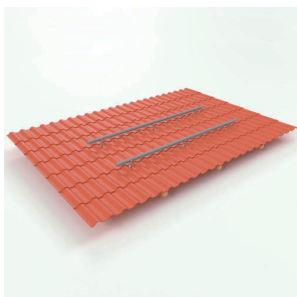
Lépés 6

Fejezze be a sínek felszerelését ugyanígy.



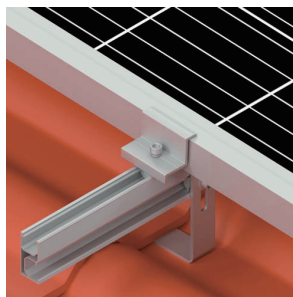
Lépés 7

Fejezze be a sínek felszerelését ugyanígy.



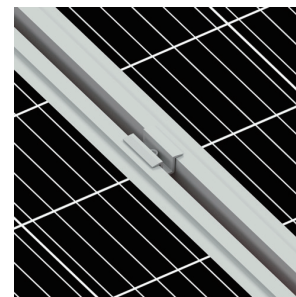
Lépés 8

Rögzítse a napelemeket a sínekre a végkapcsokkal.



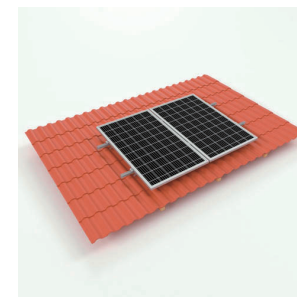
Lépés 9

Rögzítsen két napelemet a sínekre középső bilincsekkel.



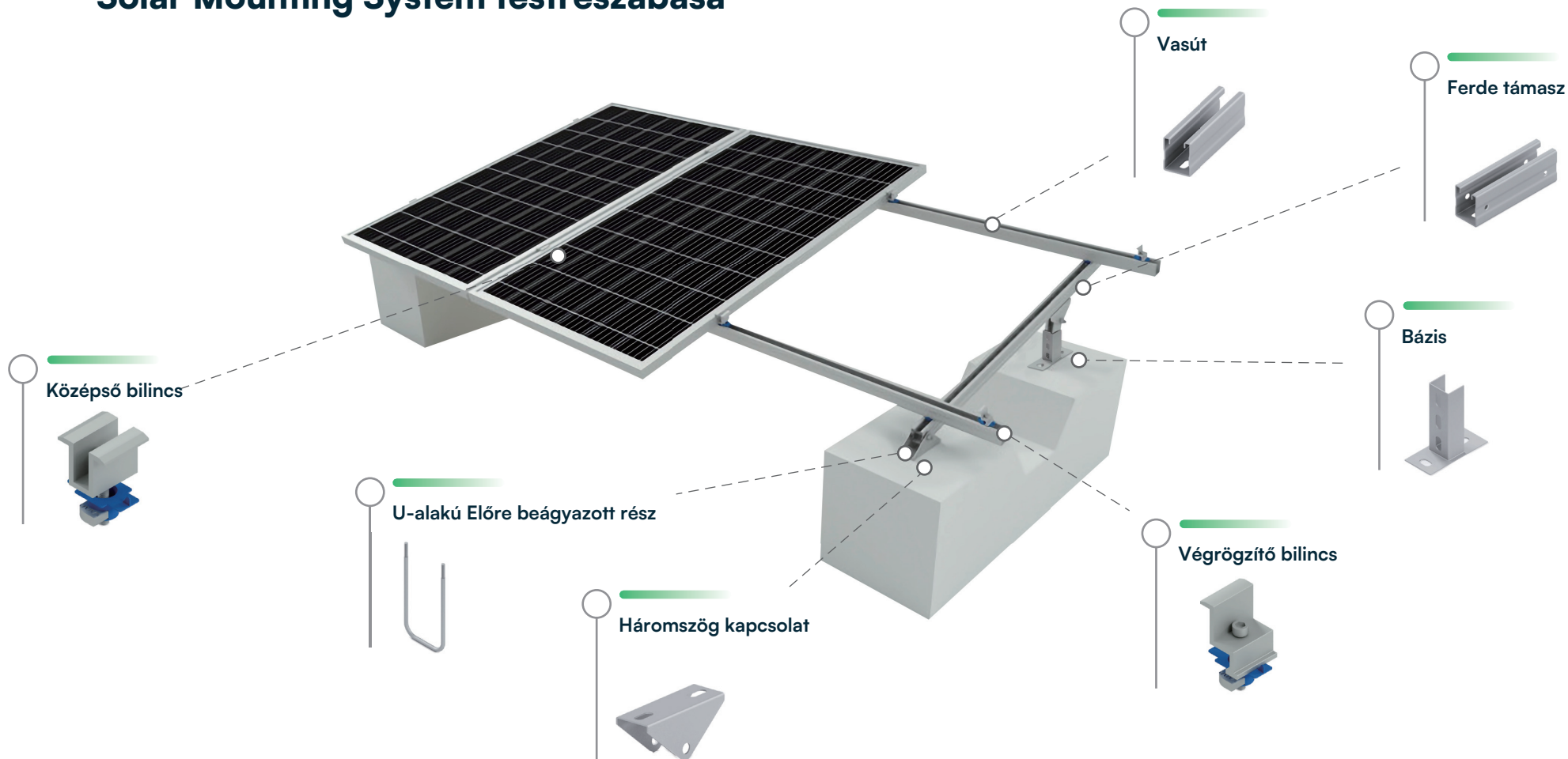
Lépés 10

Fejezze be a telepítést.



BETON LAPOS TETŐ KONZOLOK

Solar Mounting System testreszabása



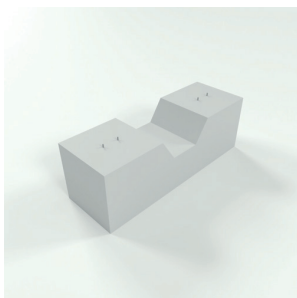
* A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC BETON LAPOS TETŐ KONZOLOK TELEPÍTÉSI KÉZIKÖNYV



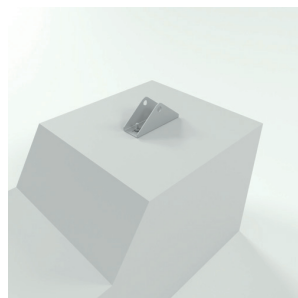
Lépés 1

Az U-alakú részeket előre beágyazza a betontömbbe.



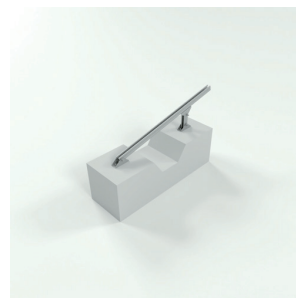
Lépés 2

Szerelje fel az alapot és a háromszöget.



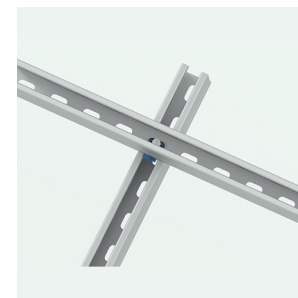
Lépés 3

Szerelje fel az oszlopot és a ferde támasztékot az alapra.



Lépés 4

Rögzítse a síneket a háromszögre csavarokkal.



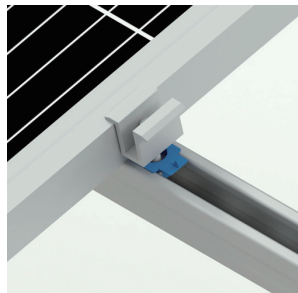
Lépés 5

Csatlakoztassa a síneket a csatlakozással.



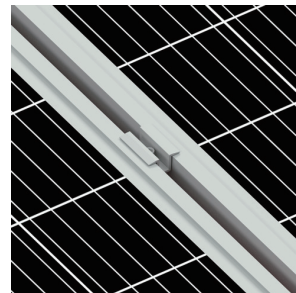
Lépés 6

Rögzítse a napelemeket a sínekre a végkapcsokkal.



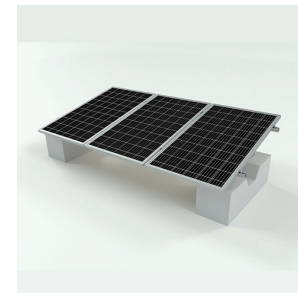
Lépés 7

Rögzítsen két napelemet középső bilincsekkel.



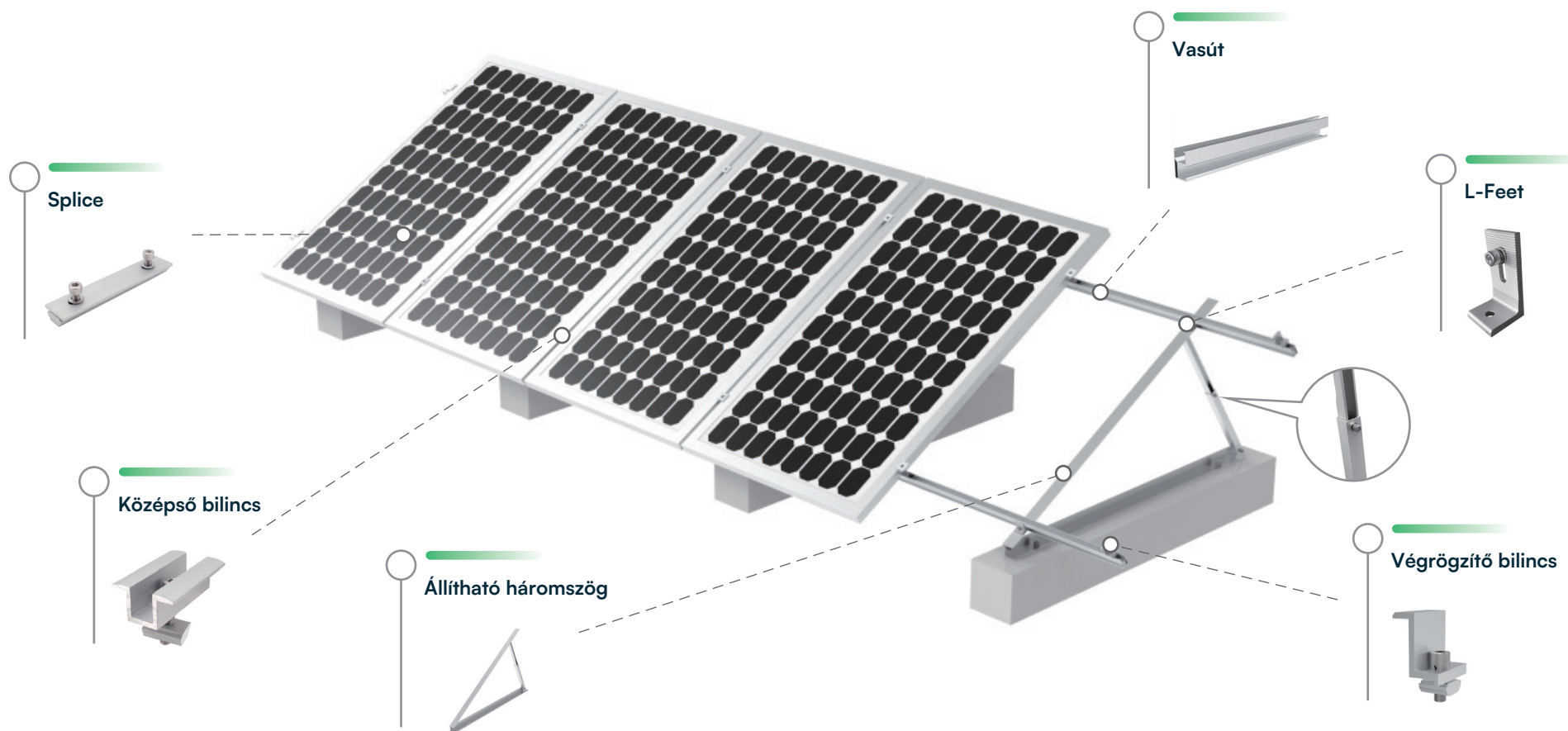
Lépés 8

Fejezze be a telepítést.



ÁLLÍTHATÓ HÁROMSZÖGTARTÓK LAPOS TETŐN

Solar Mounting System testreszabása



* A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC ÁLLÍTHATÓ HÁROMSZÖGTARTÓK LAPOS TETŐN TELEPÍTÉSI KÉZIKÖNYV



Lépés 1

Hajtsa ki az előre összeszerelt állítható háromszöget, állítsa be az oldalsó oszlop hosszát a kívánt optimális dőlésszögnek megfelelően, majd szorosan zárja be a csavart;



Lépés 2

Szerelje fel a síneket az állítható háromszögre az L-láb segítségével, rögzítse szorosan a csavart, és győződjön meg róla, hogy minden sín egy szintben van.



Lépés 3

Csatlakoztassa a síneket illesztéssel.



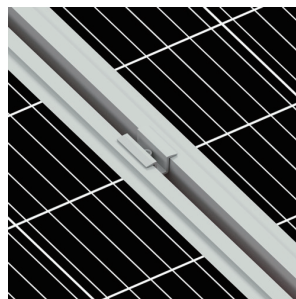
Lépés 4

Napelemek rögzítése a sínekre végkapcsokkal



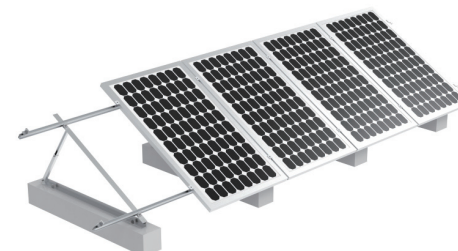
Lépés 5

Rögzítsen két napelemet középső bilincsekkel.



Lépés 6

Fejezze be a telepítést.



ÁLLÍTHATÓ ERKÉLYTARTÓK

Solar Mounting System testreszabása



* A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC ÁLLÍTHATÓ ERKÉLYTARTÓK SZERELÉSI ÚTMUTATÓJA



Lépés 1

Hajtsa ki az előre összeszerelt állítható háromszöget, állítsa be az oldalsó oszlop hosszát a kívánt optimális dőlésszögnek megfelelően, majd szorosan zárja be a csavart;



Lépés 2

Rögzítse a kampókat csavarokkal.



Lépés 3

Két háromszög összekötése keresztkapcsolattal



Lépés 4

Rögzítse a napelemeket a háromszögekre a végkapcsokkal



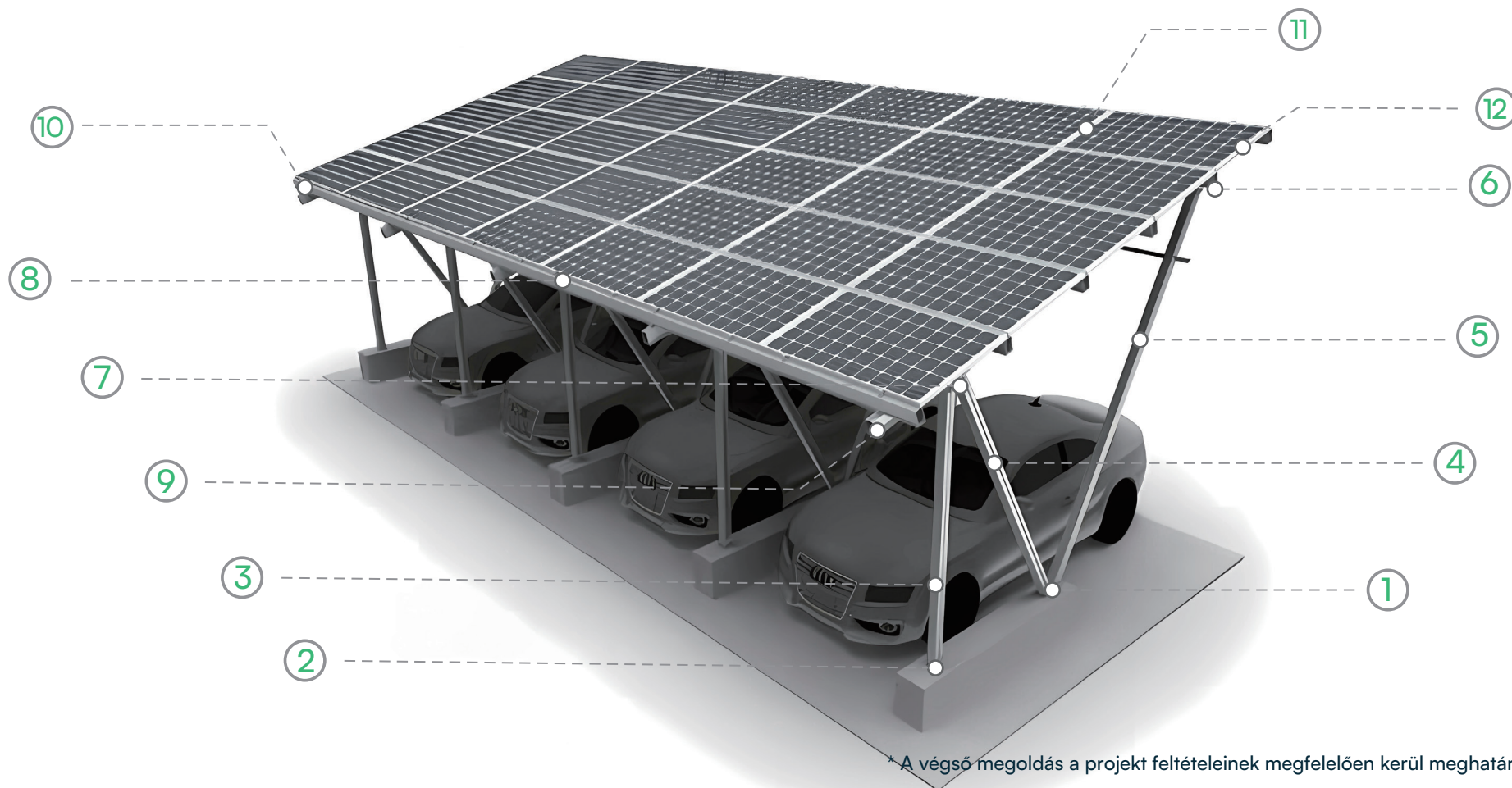
Lépés 5

Fejezze be a telepítést.



NAPELEMES AUTÓBEÁLLÓ KONZOLOK

Solar Mounting System testreszabása



*A végső megoldás a projekt feltételeinek megfelelően kerül meghatározásra.

V-TAC TARTOZÉKOK A NAPELEMES AUTÓBEÁLLÓ KONZOLOKHOZ

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Meaningful Innovation.

1

Alap (300mm)



2

Alap (200mm)



3

Carport cső (2500mm)



4

Carport cső (3760mm)



5

Carport cső (2950mm)



6

H kabát (150mm)



7

H kabát (220mm)



8

Kereszttartó sín



9

Carport Stringer



10

Szorítókészlet (35mm)



11

Középső bilincs (35mm)



12

Végkapocs (35mm)



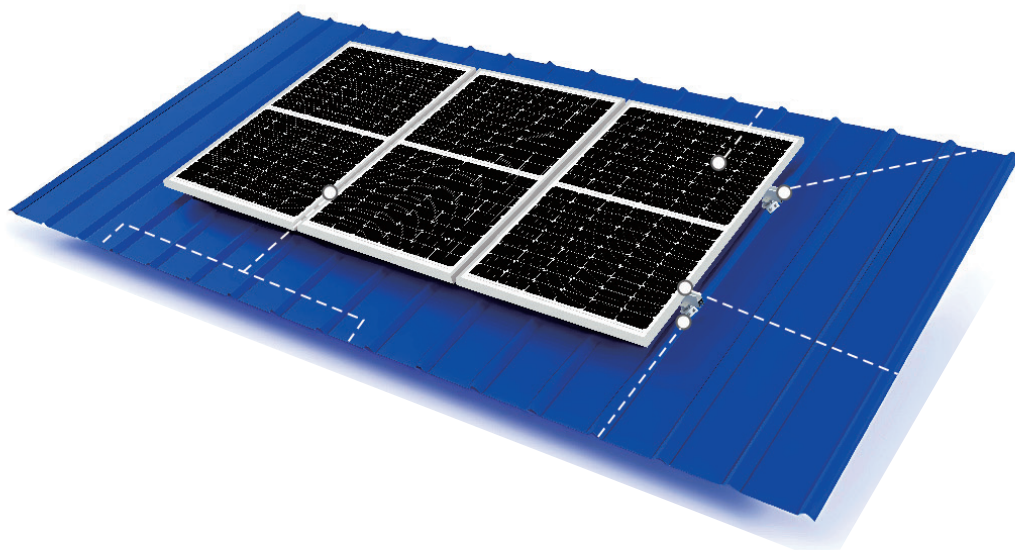


Meaningful Innovation.

MANUALE DI ISTRUZIONI

GRUPPO PIEDI L

SKU 11583



INTRODUZIONE

Grazie per aver scelto e acquistato il prodotto V-TAC. V-TAC vi servirà al meglio. Si prega di leggere attentamente le presenti istruzioni e di tenere a portata di mano il presente manuale d'uso per future consultazioni. Per qualsiasi altra domanda, contattare il nostro rivenditore o il venditore locale presso il quale è stato acquistato il prodotto. Sono addestrati e pronti a servirvi al meglio.

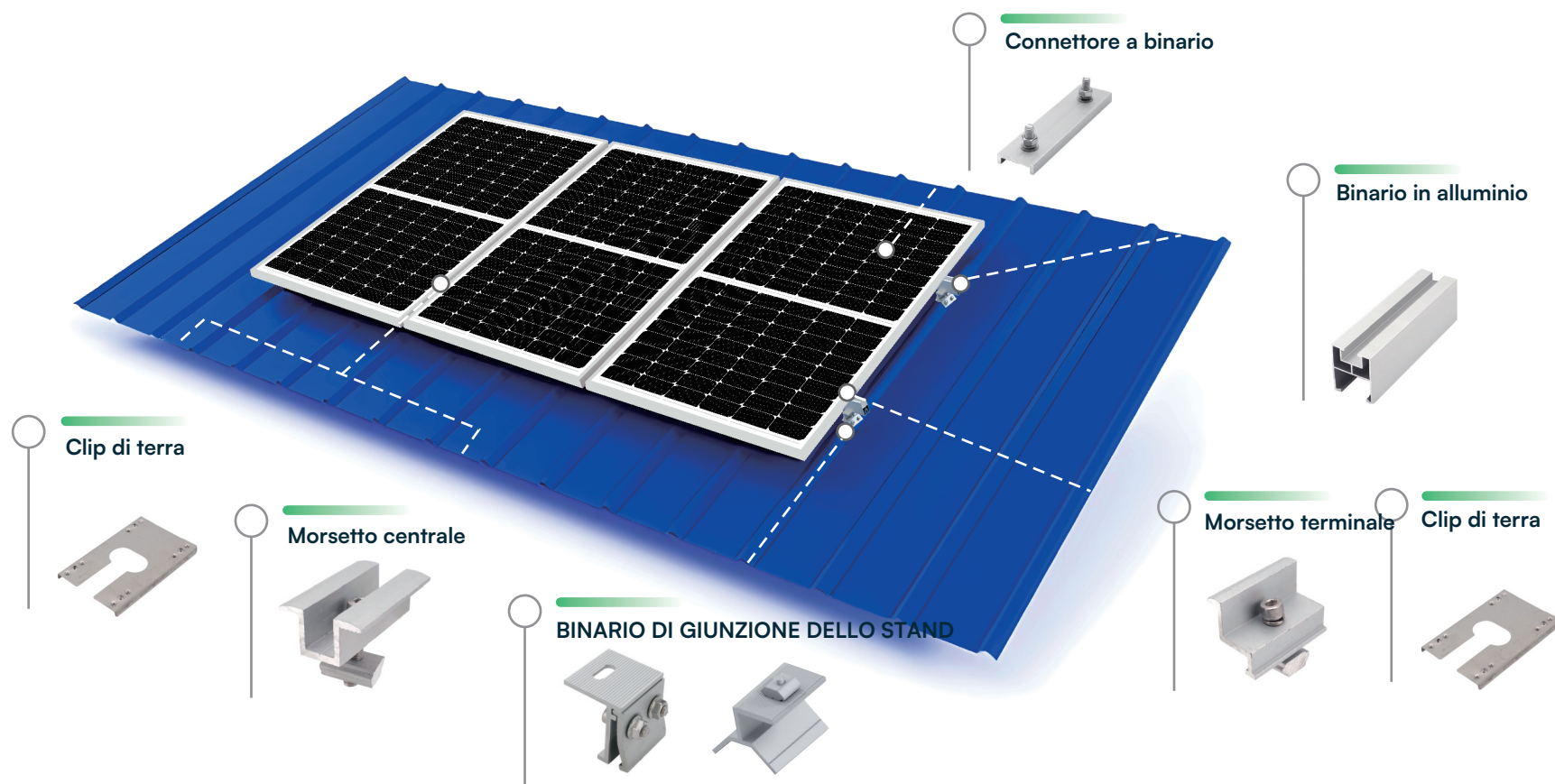
SKU	DESCRIZIONE
11390	GUIDA D'ARGENTO 1200MM PER IL PANNELLO SOLARE 4PCS/SET
11389	MORSETTO MEDIO 35MM PER PANNELLO SOLARE 8PCS/SET
11391	GANCIO DEL TETTO PER IL PANNELLO SOLARE 5PCS/SET
11392	DADO TT PER PANNELLO SOLARE 20PCS/SET
11393	VITE M6*50MM PER PANNELLO SOLARE 30PCS/SET
11394	GIUNZIONE PER GUIDA D'ARGENTO 8PCS/SET
11395	PIASTRA DI MESSA A TERRA PER PANNELLO SOLARE 8PCS/SET
11388	MORSETTO TERMINALE 35MM PER PANNELLO SOLARE 4PCS/SET

11385	GAMBA POSTERIORE REGOLABILE (H280-415 mm/10°-15°) PER PANNELLO SOLARE
11386	GAMBA POSTERIORE REGOLABILE (H420-700 mm/15°-30°) PER PANNELLO SOLARE
11387	SUPPORTO A TRIANGOLO CON ANGOLO REGOLABILE DI 10°-15° PER IL PANNELLO SOLARE
11417	GAMBA ANTERIORE REGOLABILE PER IL PANNELLO SOLARE
11538	GUIDA D'ARGENTO 2000MM PER IL PANNELLO SOLARE 4PCS/SET

IN CASO DI DOMANDE/PROBLEMI CON IL PRODOTTO, CONTATTATECI ALL'INDIRIZZO: SUPPORT@V-TAC.EU PER ULTERIORI INFORMAZIONI SULLA GAMMA DI PRODOTTI, SI PREGA DI CONTATTARE IL NOSTRO DISTRIBUTORE O IL RIVENDITORE PIÙ VICINO. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

STAFFE IN LAMIERA ONDULATA

Personalizzazione del sistema di montaggio solare



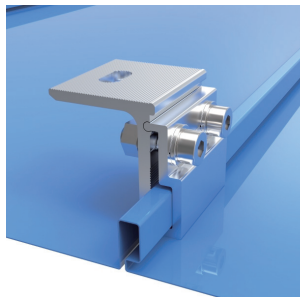
* La soluzione finale sarà definita in base alle condizioni del progetto.

MANUALE DI INSTALLAZIONE DELLE STAFFE IN LAMIERA ONDULATA V-TAC



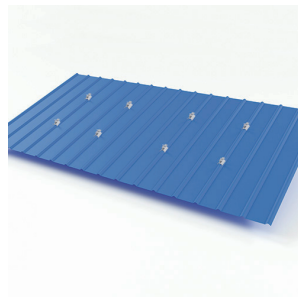
Passo 1

Scegliere i morsetti adatti per appoggiarsi alla piastrina metallica.



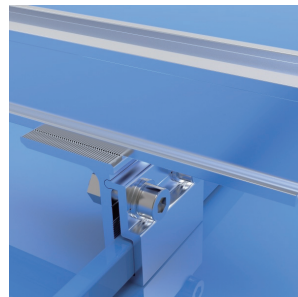
Passo 2

Fissare allo stesso modo i morsetti restanti.



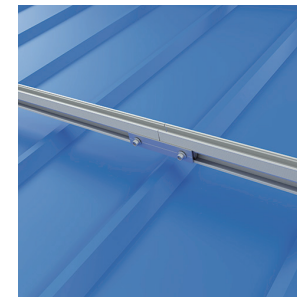
Passo 3

Installare le guide adatte sui morsetti con le viti.



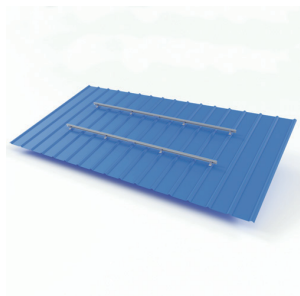
Passo 4

Collegare i binari con una giunzione.



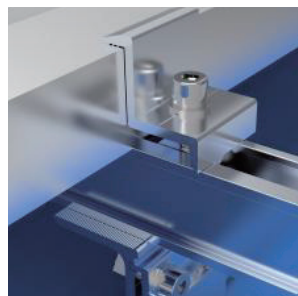
Passo 5

Terminare l'installazione dei binari nello stesso modo.



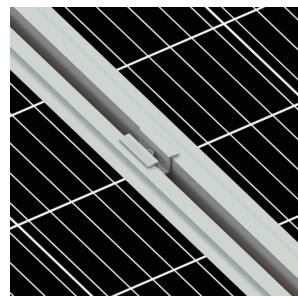
Passo 6

Fissare i pannelli solari sui binari con i morsetti terminali.



Passo 7

Fissare due pannelli solari sui binari con i morsetti centrali.



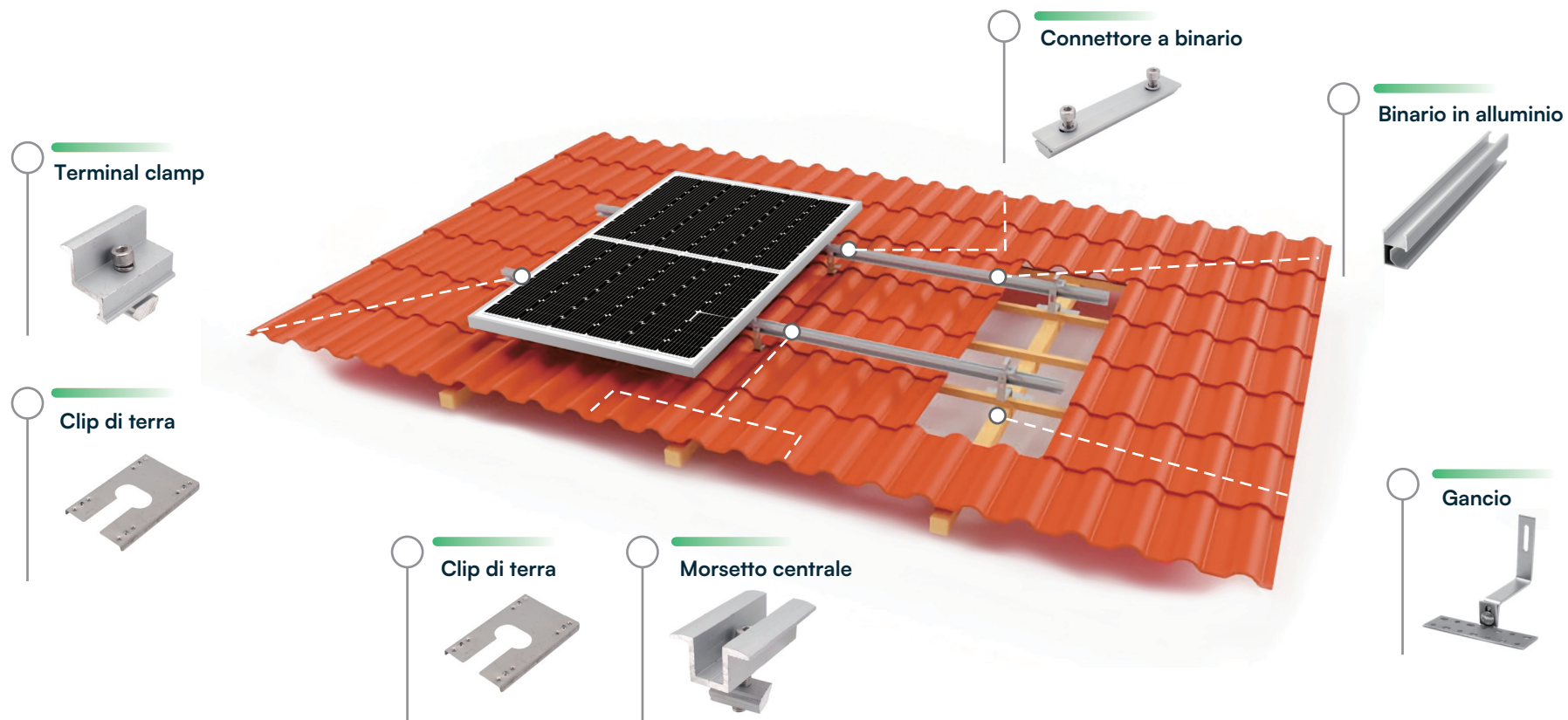
Passo 8

Terminare l'installazione.



STAFFE PER TEGOLE A FALDA

Personalizzazione del sistema di montaggio solare



* La soluzione finale sarà definita in base alle condizioni del progetto.

MANUALE DI INSTALLAZIONE DELLE STAFFE PER TETTI A TEGOLE INCLINATE V-TAC

V-TAC
Meaningful Innovation.

Passo 1

Allontanare la piastrella smaltata.



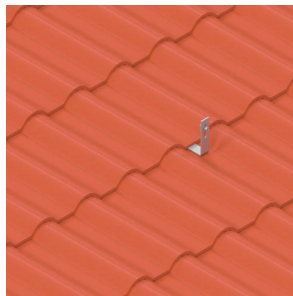
Passo 2

Fissare i ganci SUS304 sul travetto con le viti.



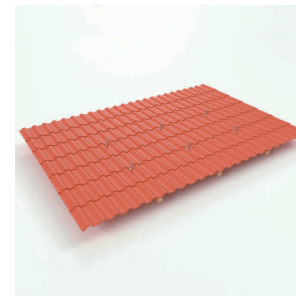
Passo 3

Dopo aver fissato i ganci, spostare la piastrella smaltata.



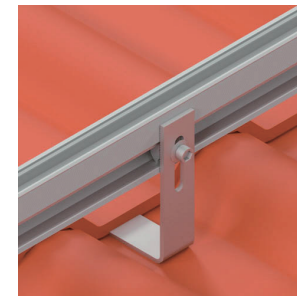
Passo 4

Installare i ganci restanti nello stesso modo.



Passo 5

Installare le guide sui ganci con i dadi di scorrimento.



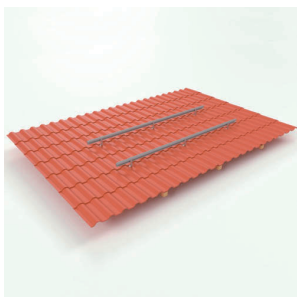
Passo 6

Terminare l'installazione dei binari nello stesso modo.



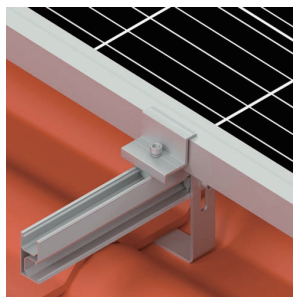
Passo 7

Terminare l'installazione dei binari nello stesso modo.



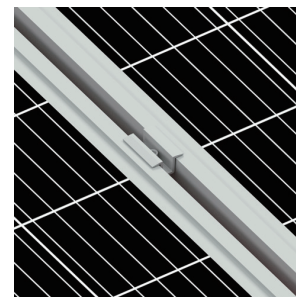
Passo 8

Fissare i pannelli solari sui binari con i morsetti terminali.



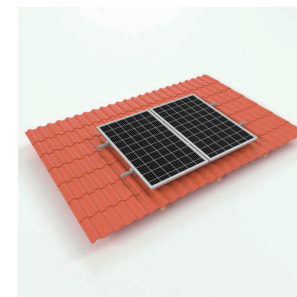
Passo 9

Fissare due pannelli solari sui binari con i morsetti centrali.



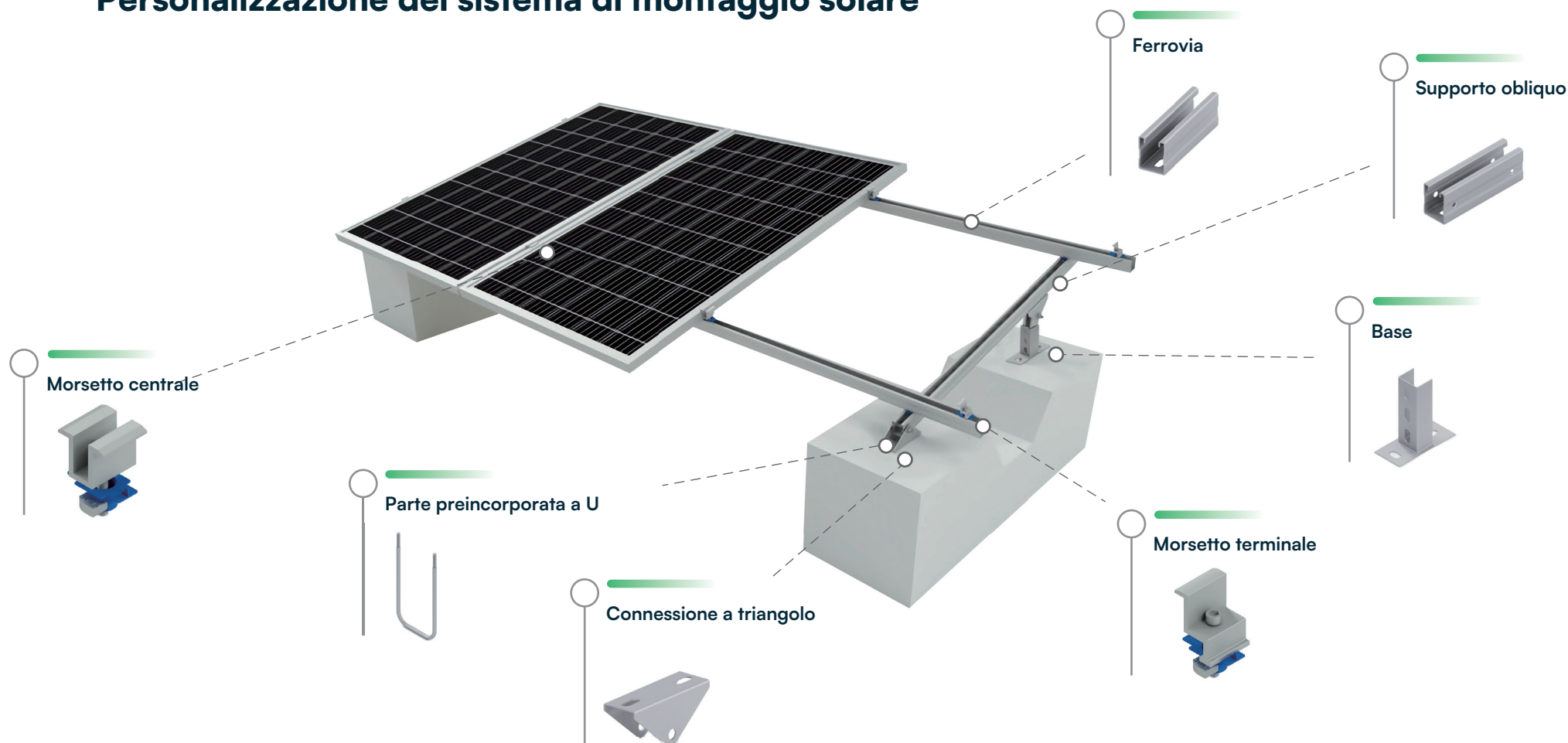
Passo 10

Terminare l'installazione.



STAFFE PER TETTI PIANI IN CALCESTRUZZO

Personalizzazione del sistema di montaggio solare



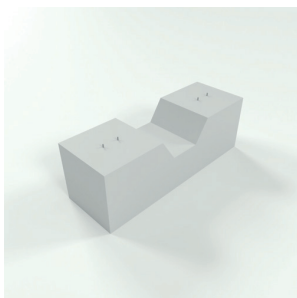
* La soluzione finale sarà definita in base alle condizioni del progetto.

MANUALE DI INSTALLAZIONE DELLE STAFFE PER TETTI PIANI V-TAC CONCRET



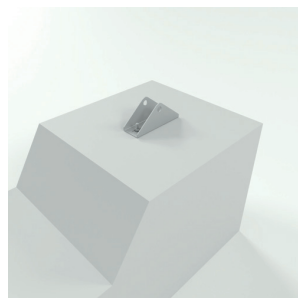
Passo 1

Pre-incollare le parti a U nel blocco di calcestruzzo.



Passo 2

Installare la base e il triangolo.



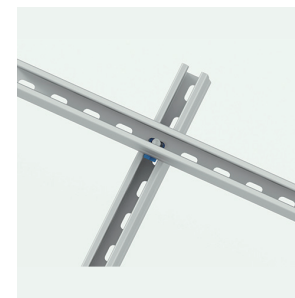
Passo 3

Installare la colonna e il supporto obliquo sulla base.



Passo 4

Fissare i binari sul triangolo con le viti.



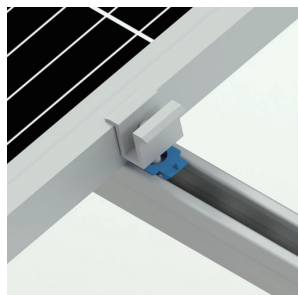
Passo 5

Collegare i binari con la connessione.



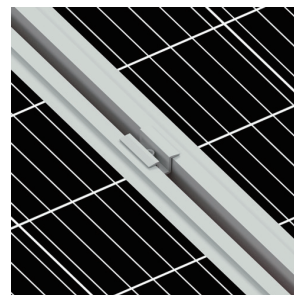
Passo 6

Fissare i pannelli solari sui binari con i morsetti terminali.



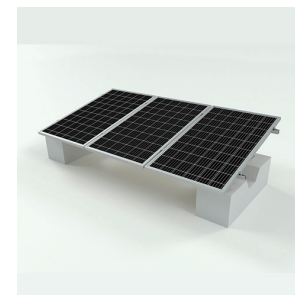
Passo 7

Fissare due pannelli solari con i morsetti centrali.



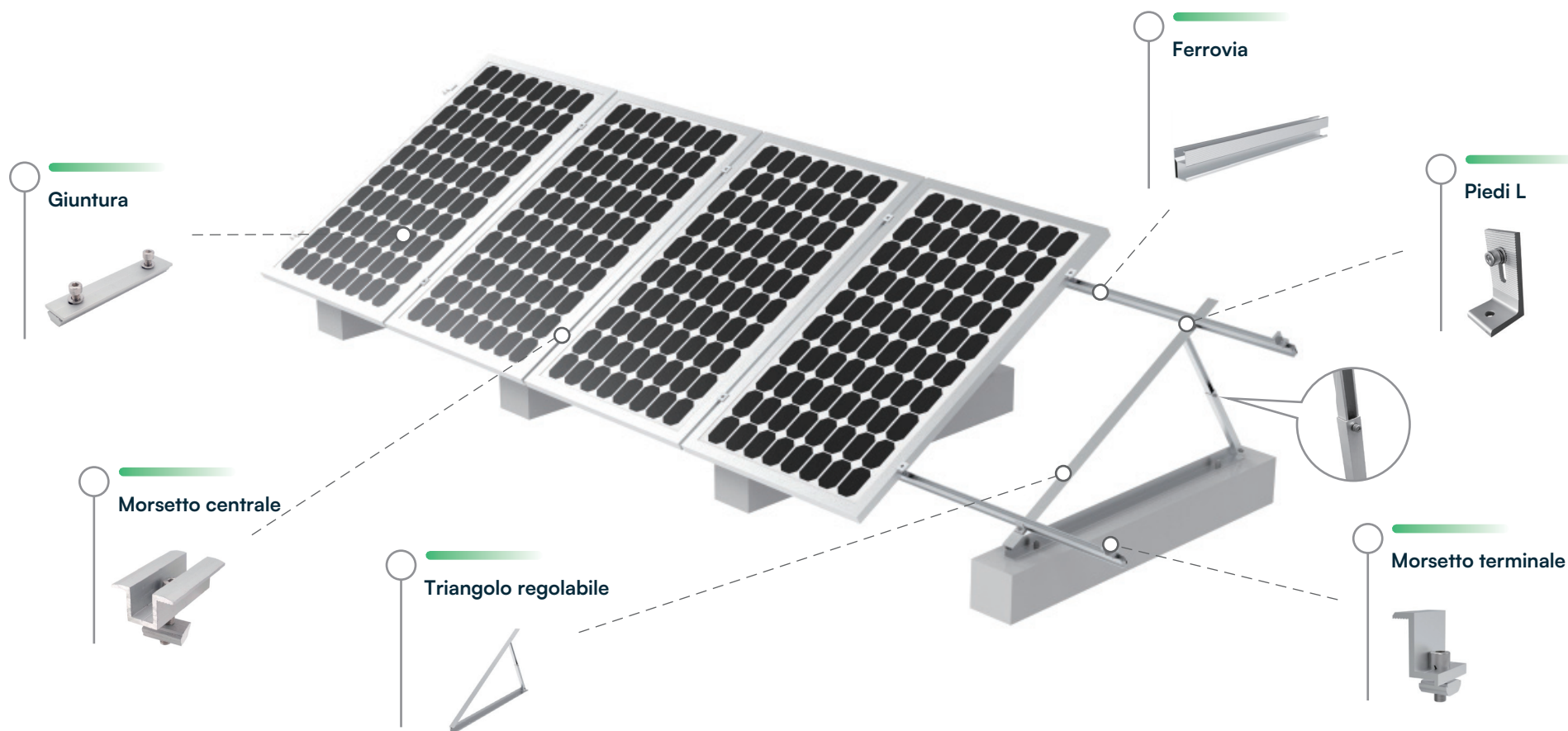
Passo 8

Terminare l'installazione.



STAFFE A TRIANGOLO REGOLABILI PER TETTI PIANI

Personalizzazione del sistema di montaggio solare



* La soluzione finale sarà definita in base alle condizioni del progetto.

MANUALE DI INSTALLAZIONE DELLE STAFFE A TRIANGOLO REGOLABILI PER TETTI PIANI V-TAC



Passo 1

Aprire il triangolo regolabile preassemblato, regolare la lunghezza della colonna laterale in base all'angolo di inclinazione ottimale richiesto, quindi bloccare saldamente il bullone;



Passo 2

Installare le guide sul triangolo regolabile con il piede a L, bloccare saldamente il bullone e assicurarsi che tutte le guide siano allo stesso livello.



Passo 3

Collegare i binari con una giunzione.



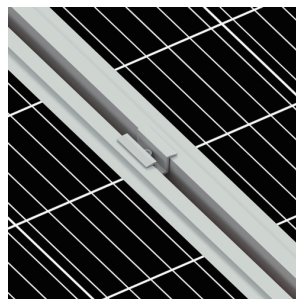
Passo 4

Fissare i pannelli solari sui binari con i morsetti terminali



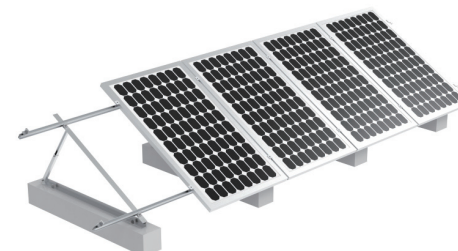
Passo 5

Fissare due pannelli solari con i morsetti centrali.



Passo 6

Terminare l'installazione.



STAFFE REGOLABILI PER BALCONI

Personalizzazione del sistema di montaggio solare



* La soluzione finale sarà definita in base alle condizioni del progetto.

MANUALE DI INSTALLAZIONE DELLE STAFFE REGOLABILI PER BALCONI V-TAC



Passo 1

Aprire il triangolo regolabile preassemblato, regolare la lunghezza della colonna laterale in base all'angolo di inclinazione ottimale richiesto, quindi bloccare saldamente il bullone;



Passo 2

Fissare i ganci con le viti.



Passo 3

Collegare due triangoli con un collegamento a croce



Passo 4

Fissare i pannelli solari sui triangoli con i morsetti terminali.



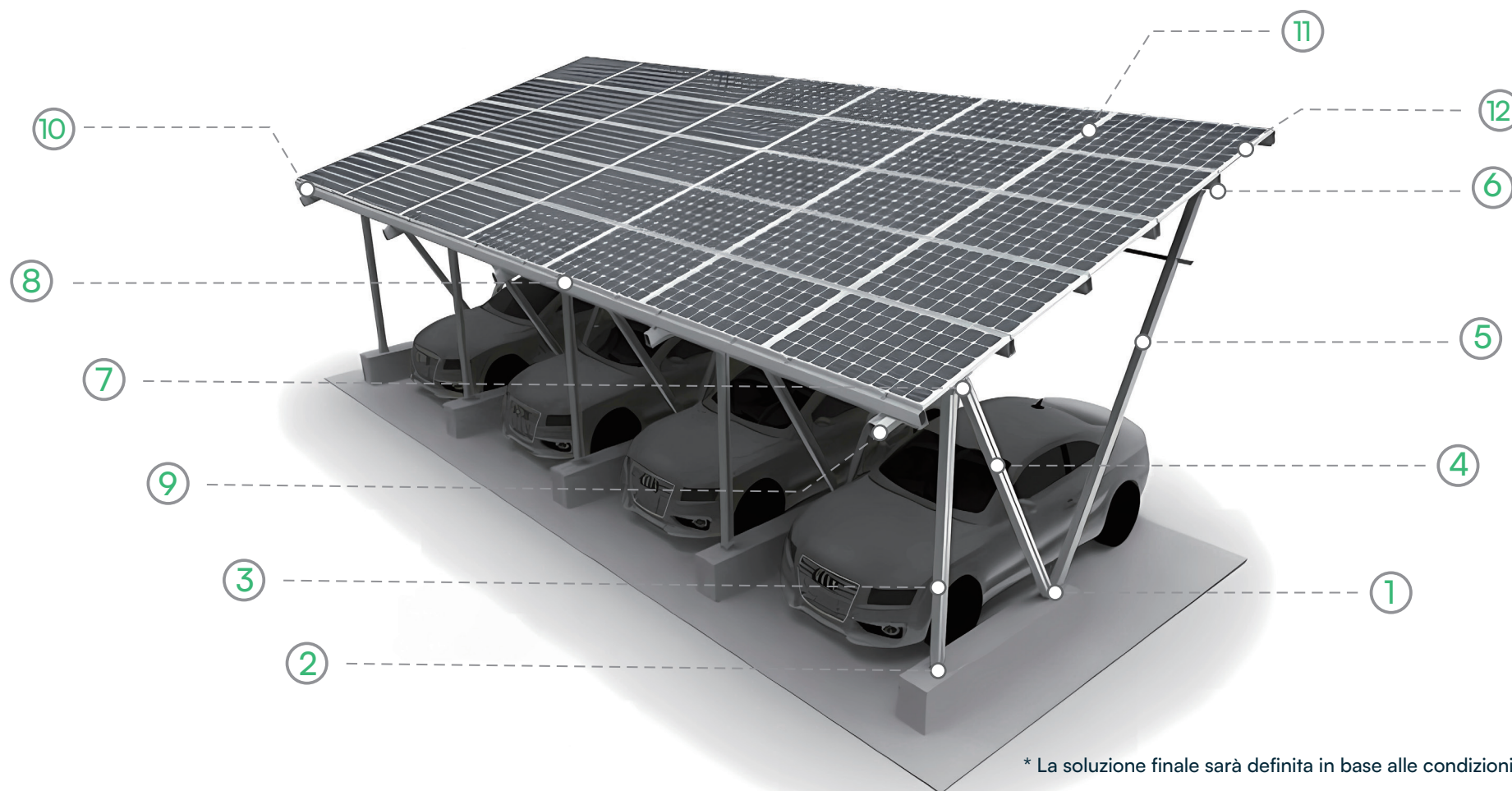
Passo 5

Terminare l'installazione.



STAFFE PER PENSILINE SOLARI

Personalizzazione del sistema di montaggio solare



* La soluzione finale sarà definita in base alle condizioni del progetto.

ACCESSORI V-TAC DELLE STAFFE PER PENSILINE SOLARI

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Meaningful Innovation.

1

Base (300 mm)



2

Base (200 mm)



3

Tubo per pensilina (2500 mm)



4

Tubo per pensilina (3760 mm)



5

Tubo per pensilina (2950 mm)



6

Giacca H (150 mm)



7

Giacca H (220 mm)



8

Barra trasversale



9

Stringa della pensilina



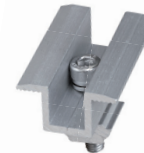
10

Kit di serraggio (35 mm)



11

Morsetto centrale (35 mm)



12

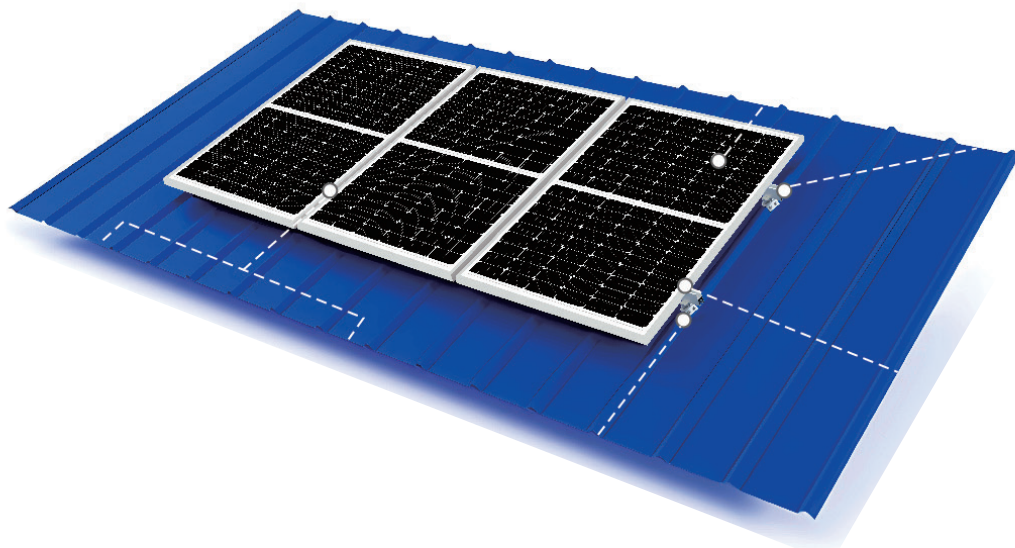
Morsetto terminale (35 mm)





Meaningful Innovation.

INSTRUKCJA OBSŁUGI L FEET GROUP



SKU

11583

WPROWADZENIE

Dziękujemy za wybranie i zakup produktu V-TAC. V-TAC będzie służył jak najlepiej. Prosimy o dokładne zapoznanie się z niniejszą instrukcją obsługi i zachowanie jej na przyszłość. W przypadku jakichkolwiek innych pytań prosimy o kontakt z naszym dealerem lub lokalnym sprzedawcą, od którego zakupiono produkt. Są oni przeszkoleni i gotowi do jak najlepszej obsługi.

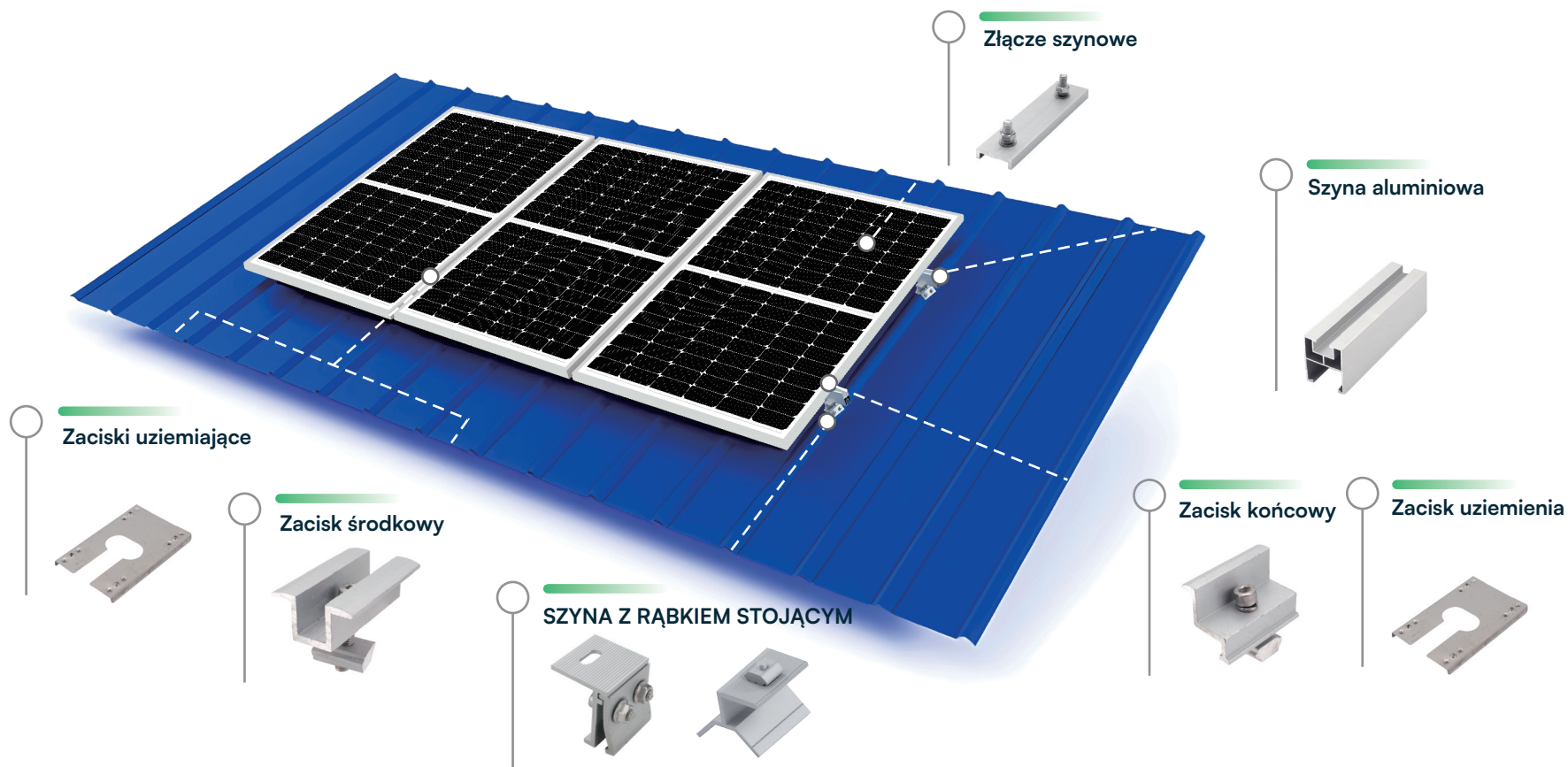
SKU	OPIS
11390	SREBRNA SZYNA 1200MM DO PANELI SŁONECZNYCH 4SZT/ZESTAW
11389	ZACISK ŚRODKOWY 35MM DO PANELU SŁONECZNEGO 8SZT/ZESTAW
11391	HAK DACHOWY DO PANELI SŁONECZNYCH 5SZT/ZESTAW
11392	NAKRĘTKA TT DO PANELU SŁONECZNEGO 20SZT/ZESTAW
11393	ŚRUBA M6*50MM DO PANELI SŁONECZNYCH 30SZT/ZESTAW
11394	ŁĄCZNIK DO SREBRNEJ SZYNY 8SZT/ZESTAW
11395	PŁYTA UZIEMIAJĄCA DO PANELU SŁONECZNEGO 8SZT/ZESTAW
11388	ZACISK KOŃCOWY 35MM DO PANELU SŁONECZNEGO 4SZT/ZESTAW

11385	REGULOWANA NOGA TYLNA (H280-415mm/10°-15°) DO PANELA SŁONECZNEGO
11386	REGULOWANA NOGA TYLNA (H420-700mm/15°-30°) DO PANELA SŁONECZNEGO
11387	TRÓJKĄTNY WSPORNIK Z REGULOWANYM KĄTEM 10°-15° DLA PANELU SŁONECZNEGO
11417	REGULOWANA PRZEDNIA NOGA DLA PANELU SŁONECZNEGO
11538	SREBRNA SZYNA 2000MM DO PANELI SŁONECZNYCH 4SZT/ZESTAW

W PRZYPADKU JAKICHKOLWIEK PYTAŃ/PROBLEMÓW Z PRODUKTEM, PROSIMY O KONTAKT POD ADRESEM:
SUPPORT@V-TAC.EU. ABY UZYSKAĆ WIĘCEJ INFORMACJI, PROSIMY O KONTAKT Z NASZYM DYSTRYBUTOREM LUB
NAJBLIŻSZYMI DEALERAMI. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

WSPORNIKI Z BLACHY FALISTEJ

Dostosowanie systemu montażu paneli słonecznych



* Ostateczne rozwiązanie zostanie zdefiniowane zgodnie z warunkami projektu.

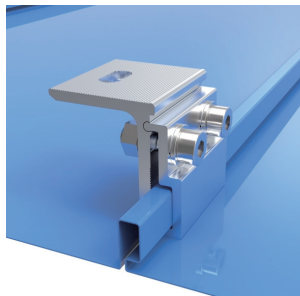
WSPORNIKI Z BLACHY FALISTEJ V-TAC

INSTRUKCJA INSTALACJI



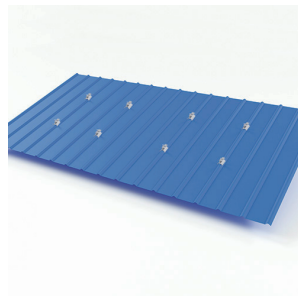
Krok 1

Wybierz odpowiednie zaciski do ustawienia na metalowej płycie.



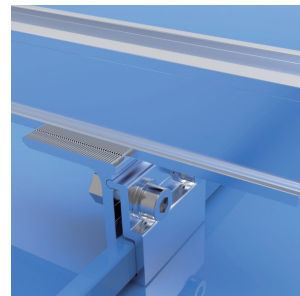
Krok 2

Zamocuj pozostałe zaciski w ten sam sposób.



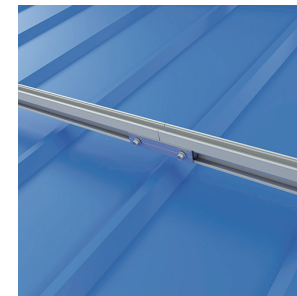
Krok 3

Zamontuj odpowiednie szyny na zaciskach za pomocą śrub.



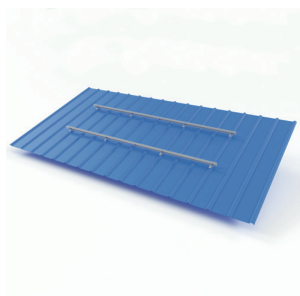
Krok 4

Połącz szyny za pomocą splotu.



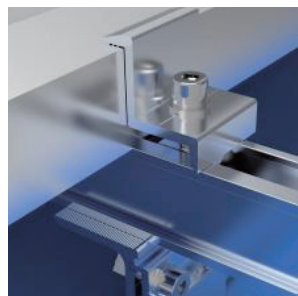
Krok 5

Zakończ instalację szyn w ten sam sposób.



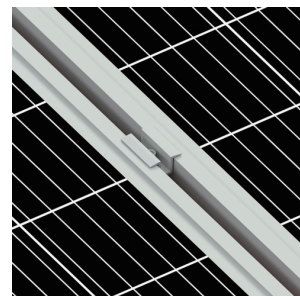
Krok 6

Zamocuj panele słoneczne na szynach za pomocą zacisków końcowych.



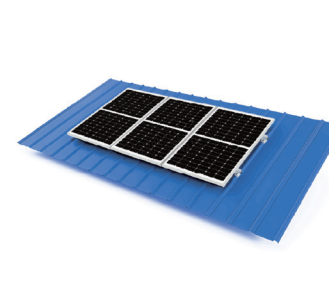
Krok 7

Zamocuj dwa panele słoneczne na szynach za pomocą zacisków środkowych.



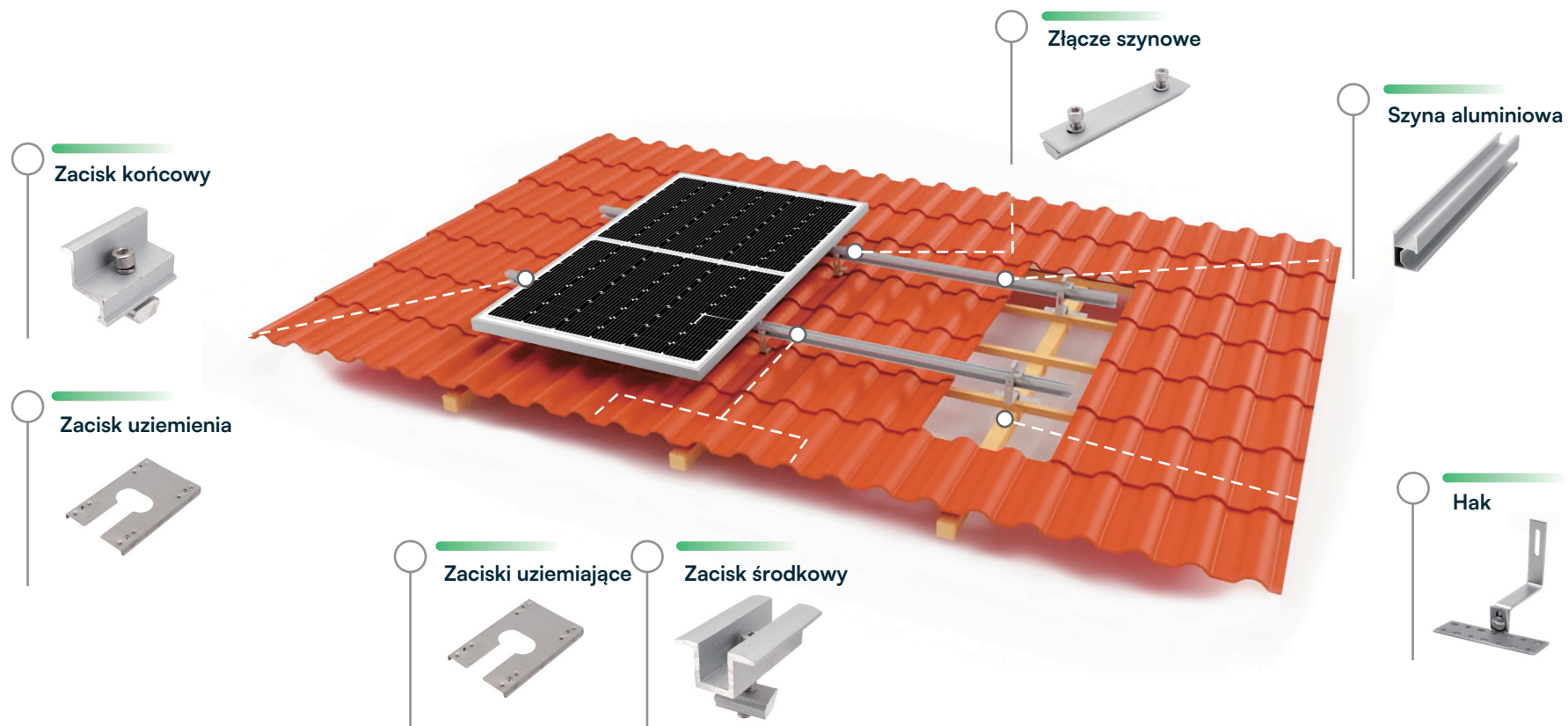
Krok 8

Zakończ instalację.



WSPORNIKI DACHOWE

Dostosowanie systemu montażu paneli słonecznych



* Ostateczne rozwiązanie zostanie zdefiniowane zgodnie z warunkami projektu.

WSPORNIKI DACHOWE V-TAC DO DACHÓWEK SKOŚNYCH

INSTRUKCJA INSTALACJI



Krok 1

Odsunąć glazurowaną płytkę.



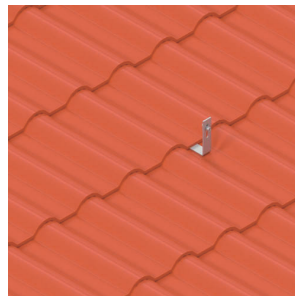
Krok 2

Przymocuj haki SUS304 do krokwi za pomocą śrub.



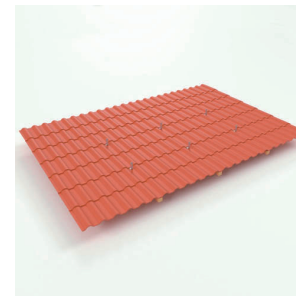
Krok 3

Po zamocowaniu haczyków odsuń glazurowaną płytkę.



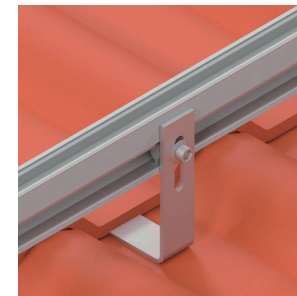
Krok 4

Zainstaluj pozostałe haki w ten sam sposób.



Krok 5

Zamontuj szyny na hakach za pomocą nakrętek ślizgowych.



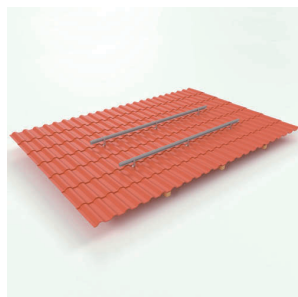
Krok 6

Zakończ instalację szyn w ten sam sposób.



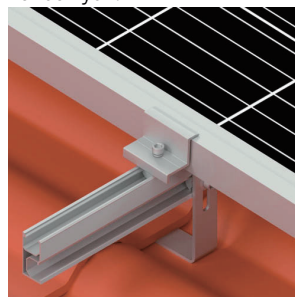
Krok 7

Zakończ instalację szyn w ten sam sposób.



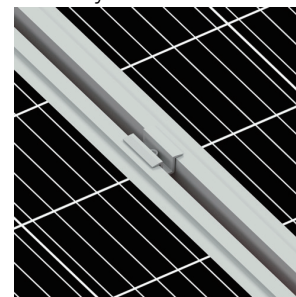
Krok 8

Zamocuj panele słoneczne na szynach za pomocą zacisków końcowych.



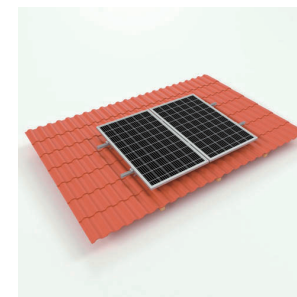
Krok 9

Zamocuj dwa panele słoneczne na szynach za pomocą zacisków środkowych.



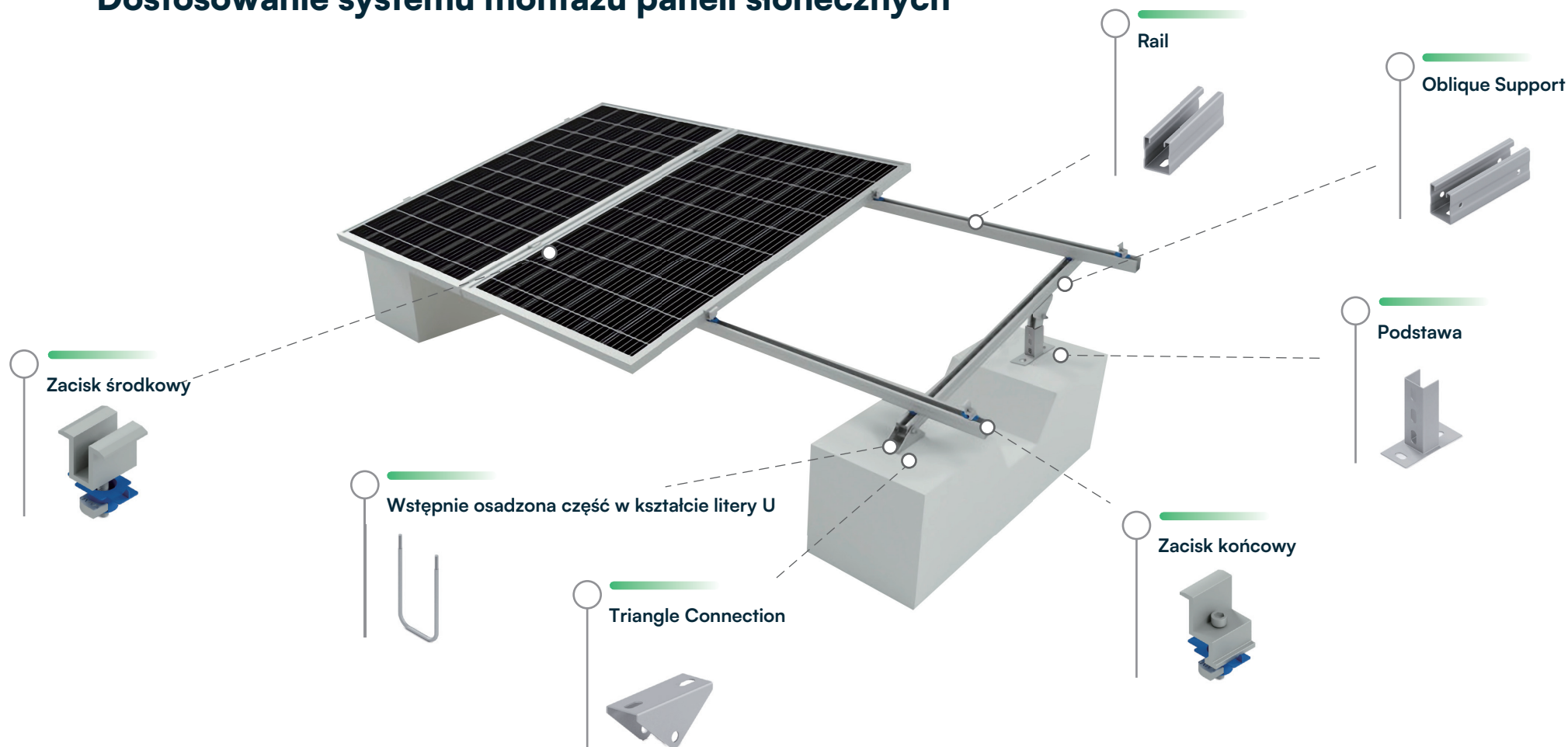
Krok 10

Zakończ instalację.



BETONOWE WSPORNIKI DO DACHÓW PŁASKICH

Dostosowanie systemu montażu paneli słonecznych



* Ostateczne rozwiązanie zostanie zdefiniowane zgodnie z warunkami projektu.

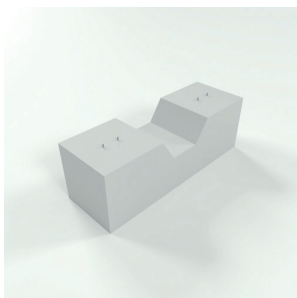
WSPORNIKI DO DACHÓW PŁASKICH V-TAC CONCRET

INSTRUKCJA INSTALACJI



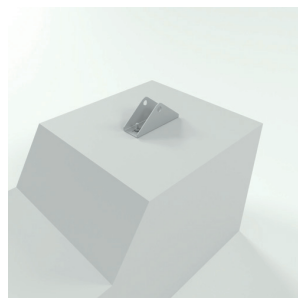
Krok 1

Wstępnie osadzić elementy w kształcie litery U w betonowym bloku.



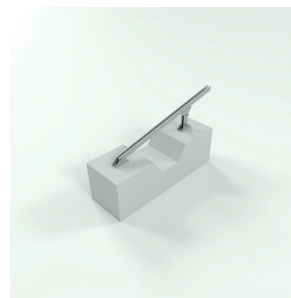
Krok 2

Zainstaluj podstawę i trójkąt.



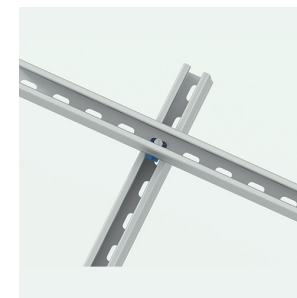
Krok 3

Zamontuj kolumnę i wspornik ukośny na podstawie.



Krok 4

Przymocuj szyny do trójkąta za pomocą śrub.



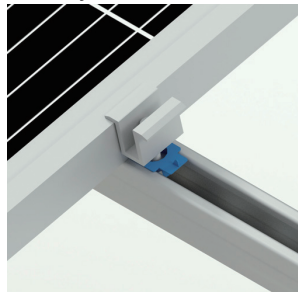
Krok 5

Podłącz szyny za pomocą złącza.



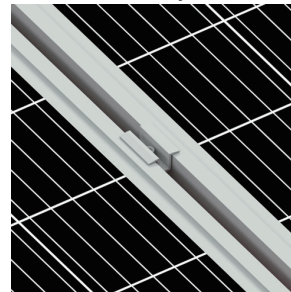
Krok 6

Zamocuj panele słoneczne na szynach za pomocą zacisków końcowych.



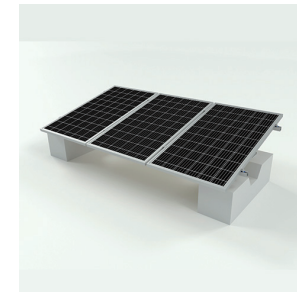
Krok 7

Zamocuj dwa panele słoneczne za pomocą zacisków środkowych.



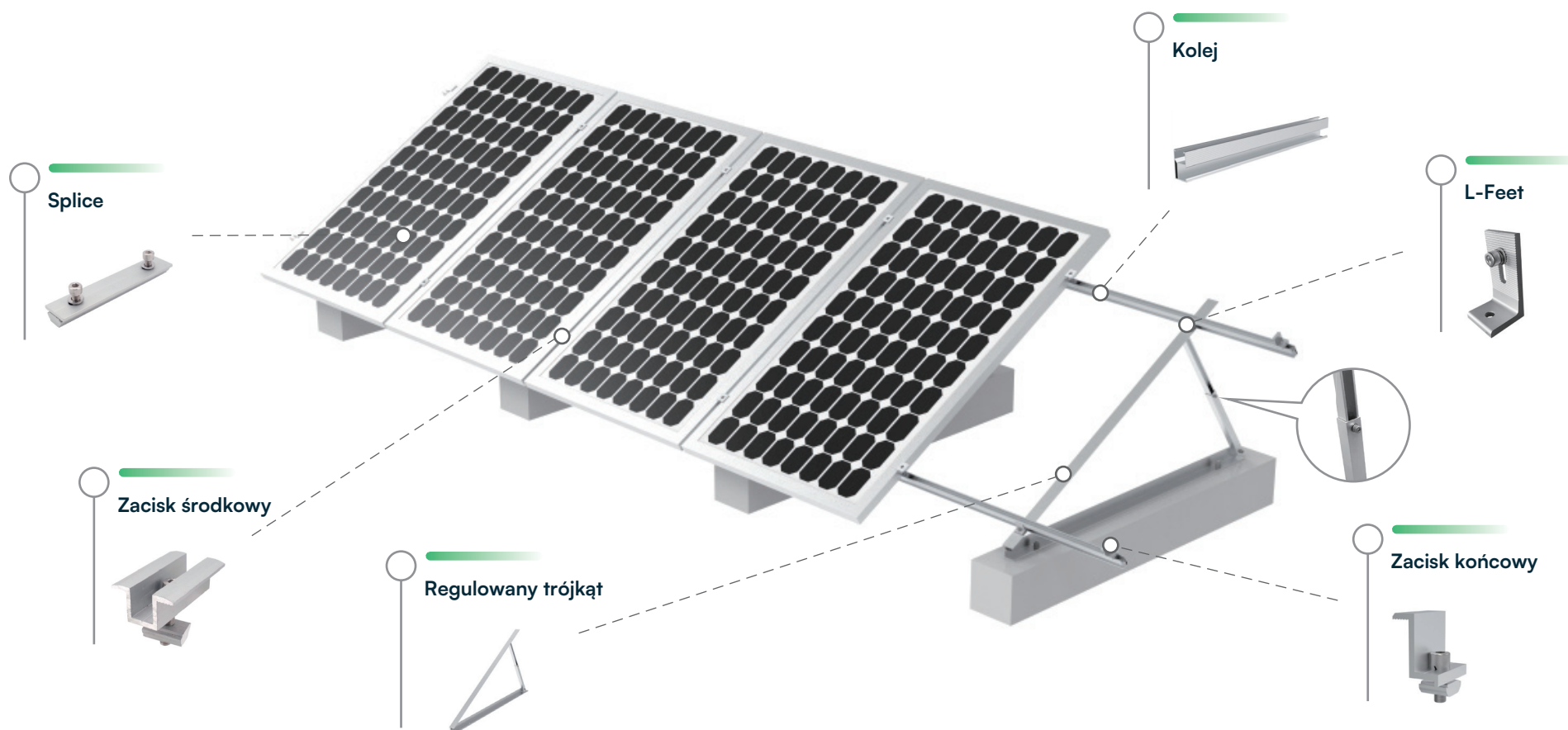
Krok 8

Zakończ instalację.



REGULOWANE WSPORNIKI TRÓJKĄTNE DO DACHÓW PŁASKICH

Dostosowanie systemu montażu paneli słonecznych



* Ostateczne rozwiązanie zostanie zdefiniowane zgodnie z warunkami projektu.

V-TAC INSTRUKCJA MONTAŻU REGULOWANYCH WSPORNIKÓW TRÓJKĄTNYCH DO DACHÓW PŁASKICH

V-TAC
Meaningful Innovation.

Krok 1

Rozłóż wstępnie zmontowany regulowany trójkąt, wyreguluj długość kolumny bocznej zgodnie z wymaganym optymalnym kątem nachylenia, a następnie mocno zablokuj śrubę;



Krok 2

Zamontuj szyny na regulowanym trójkącie za pomocą L-Feet, mocno zablokuj śrubę i upewnij się, że wszystkie szyny są na tym samym poziomie.



Krok 3

Połącz szyny za pomocą splotu.



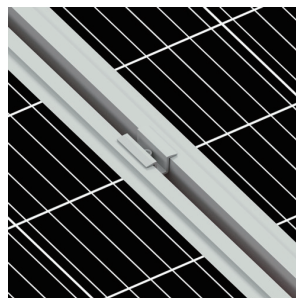
Krok 4

Zamocuj panele słoneczne na szynach za pomocą zacisków końcowych



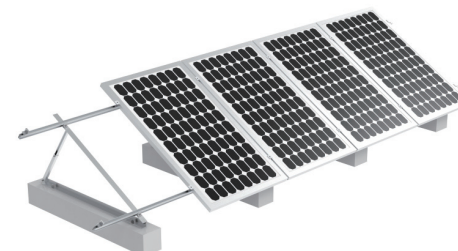
Krok 5

Zamocuj dwa panele słoneczne za pomocą zacisków środkowych.



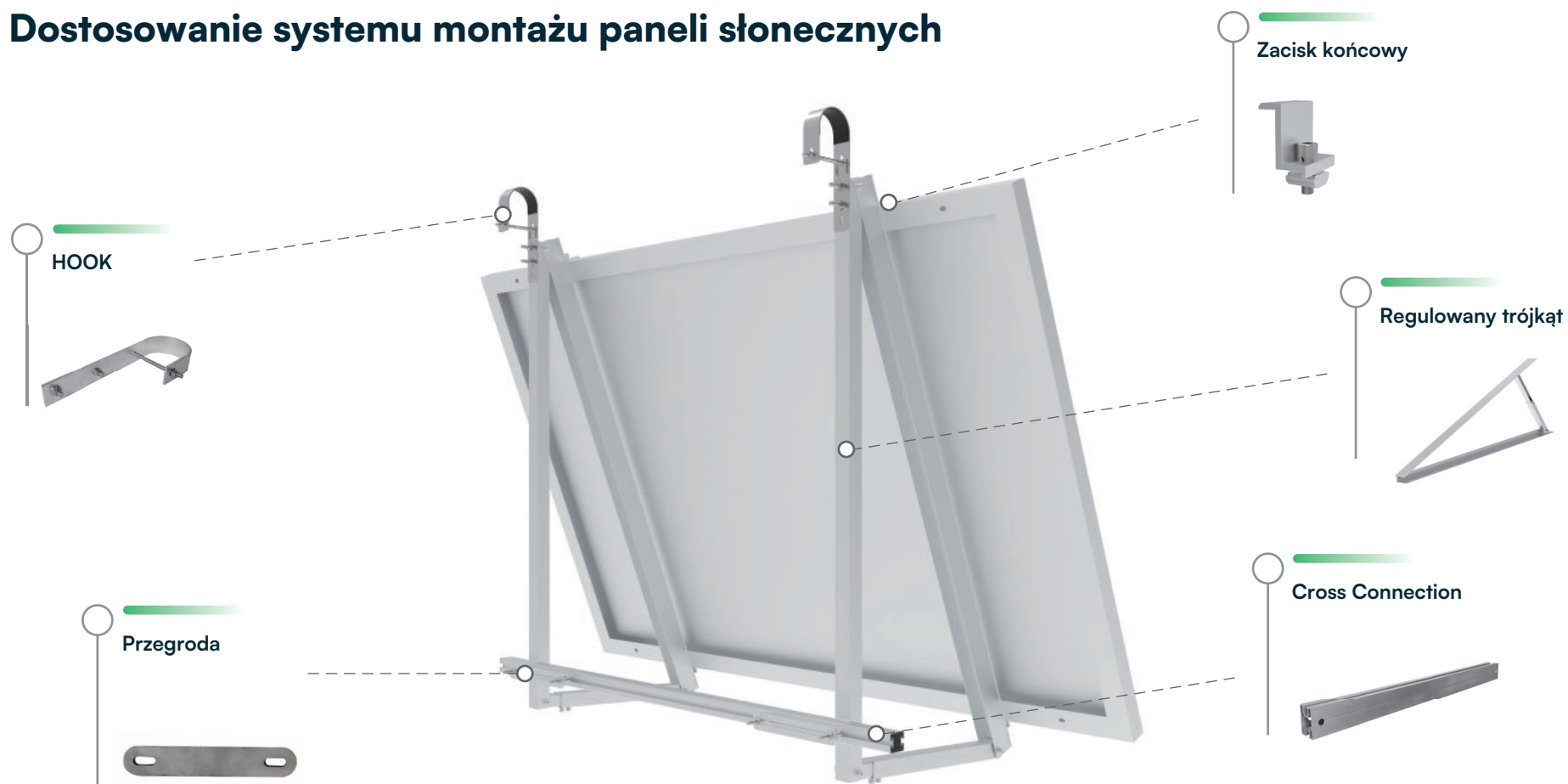
Krok 6

Zakończ instalację.



REGULOWANE WSPORNIKI BALKONOWE

Dostosowanie systemu montażu paneli słonecznych



* Ostateczne rozwiązanie zostanie zdefiniowane zgodnie z warunkami projektu.

INSTRUKCJA MONTAŻU REGULOWANYCH WSPORNIKÓW BALKONOWYCH V-TAC



Krok 1

Rozłóż wstępnie zmontowany regulowany trójkąt, wyreguluj długość kolumny bocznej zgodnie z wymaganym optymalnym kątem nachylenia, a następnie mocno zablokuj śrubę:



Krok 2

Przymocuj haki za pomocą śrub.



Krok 3

Połącz dwa trójkąty za pomocą połączenia krzyżowego



Krok 4

Zamocuj panele słoneczne na trójkątach za pomocą zacisków końcowych.



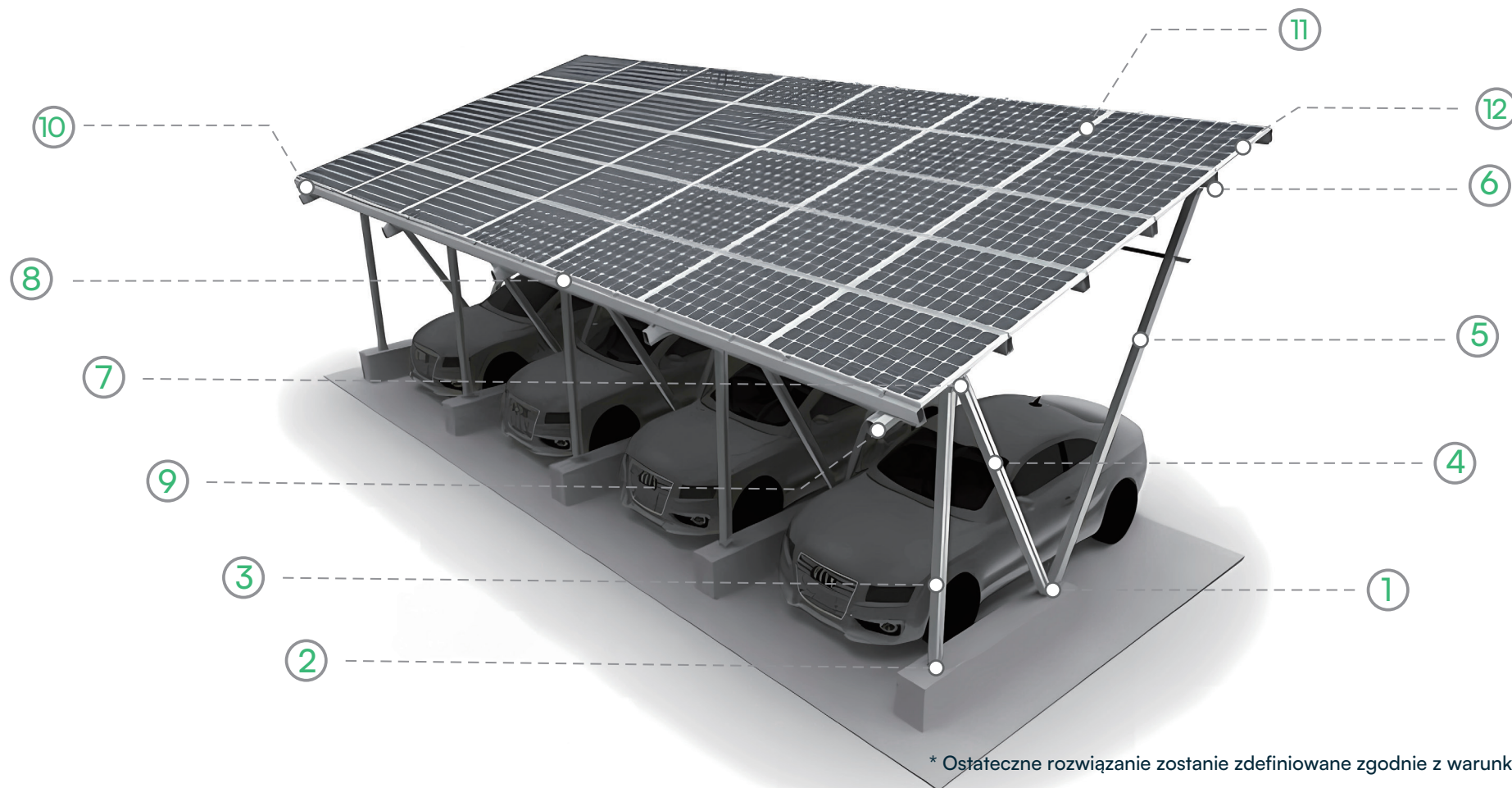
Krok 5

Zakończ instalację.



WSPORNIKI WIATY SOLARNEJ

Dostosowanie systemu montażu paneli słonecznych



AKCESORIA V-TAC DO WSPORNIKÓW SOLARNYCH DO WIATY SAMOCHODOWEJ

V-TAC
Meaningful Innovation.

1

Podstawa (300 mm)



2

Podstawa (200 mm)



3

Rura wiaty (2500 mm)



4

Rura wiaty (3760 mm)



5

Rura wiaty (2950 mm)



6

Kurtka H (150 mm)



7

Kurtka H (220 mm)



8

Szyna poprzeczna



9

Podłużnica wiaty



10

Zestaw zaciskowy (35 mm)



11

Zacisk środkowy (35 mm)



12

Zacisk końcowy (35 mm)





Meaningful Innovation.

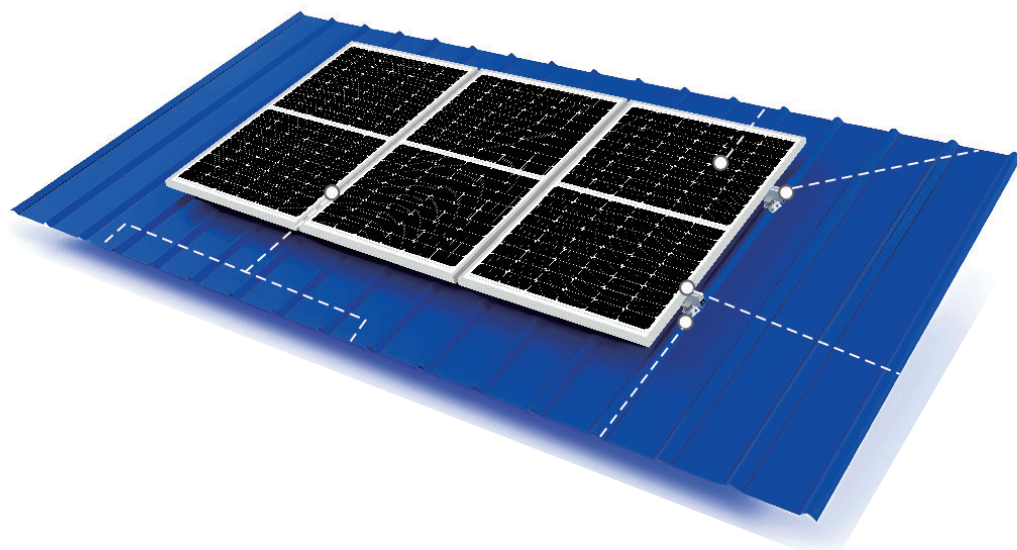
MANUAL DE INSTRUÇÕES

GRUPO L FEET

SKU 11583

INTRODUÇÃO

Obrigado por seleccionar e comprar o produto V-TAC. A V-TAC irá servi-lo da melhor forma. Por favor, leia atentamente estas instruções e mantenha este manual de utilizador à mão para referência futura. Se tiver qualquer outra dúvida, contacte o nosso revendedor ou o vendedor local a quem adquiriu o produto. Eles têm formação e estão prontos para o servir da melhor forma.



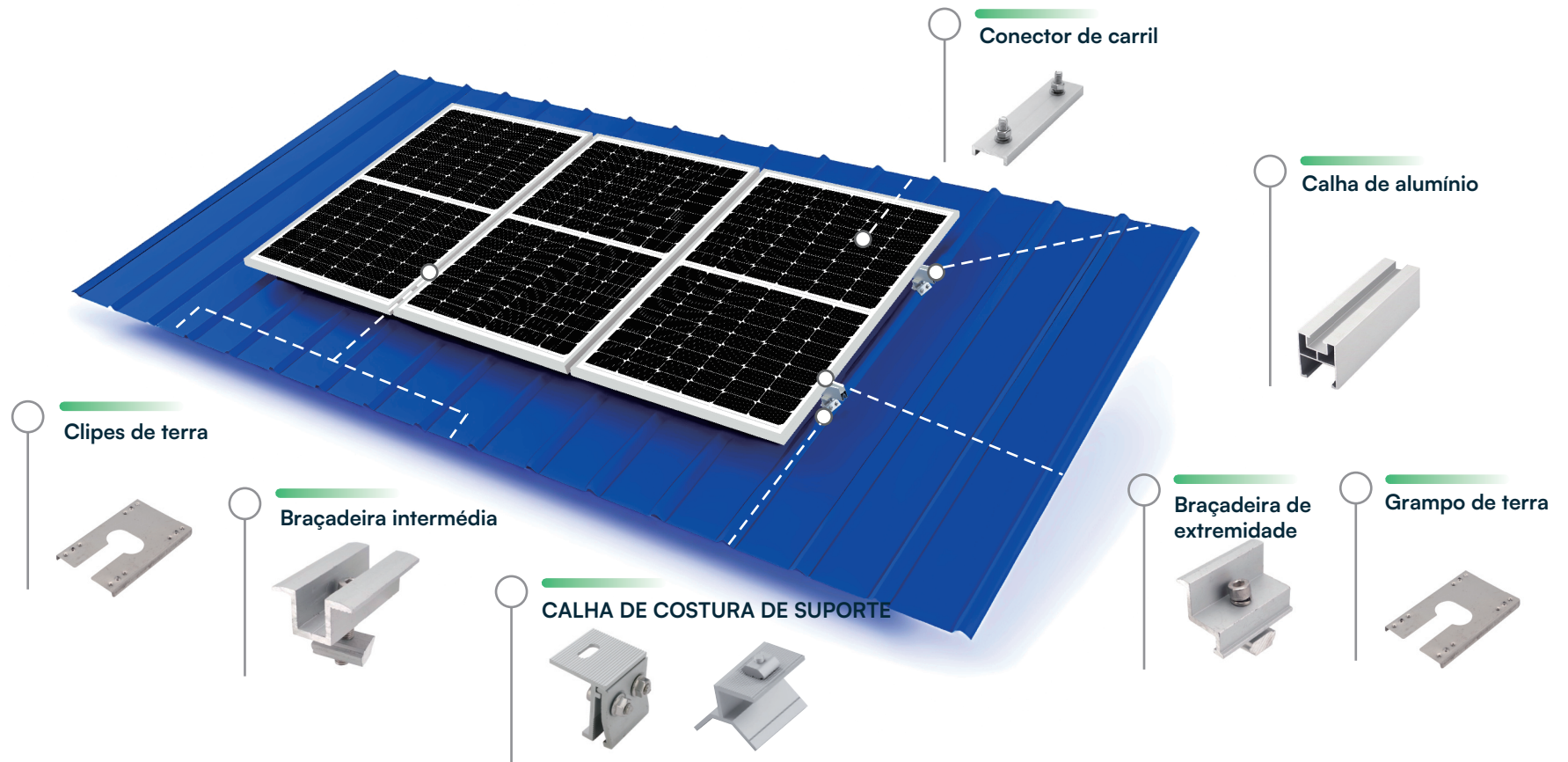
SKU	DESCRIÇÃO
11390	CALHA DE PRATA 1200MM PARA PAINEL SOLAR 4PCS/SET
11389	BRAÇADEIRA MÉDIA 35MM PARA PAINEL SOLAR 8PCS/SET
11391	GANCHO DE TELHADO PARA PAINEL SOLAR 5PCS/SET
11392	PORCA TT PARA PAINEL SOLAR 20PCS/SET
11393	PARAFUSO M6*50MM PARA PAINEL SOLAR 30PCS/SET
11394	EMENDA PARA CARRIL DE PRATA 8PCS/SET
11395	PLACA DE LIGAÇÃO À TERRA PARA PAINEL SOLAR 8PCS/SET
11388	BRAÇADEIRA DE EXTREMIDADE 35MM PARA PAINEL SOLAR 4PCS/SET

11385	PERNA TRASEIRA AJUSTÁVEL (H280-415mm/10°-15°) PARA PAINEL SOLAR
11386	PERNA TRASEIRA AJUSTÁVEL (H420-700mm/15°-30°) PARA PAINEL SOLAR
11387	SUORTE TRIANGULAR COM ÂNGULO AJUSTÁVEL DE 10°-15° PARA PAINEL SOLAR
11417	PERNA FRONTAL AJUSTÁVEL PARA PAINEL SOLAR
11538	CALHA DE PRATA 2000MM PARA PAINEL SOLAR 4PCS/SET

EM CASO DE QUALQUER DÚVIDA/PROBLEMA COM O PRODUTO, CONTACTE-NOS ATRAVÉS DE: SUPPORT@V-TAC.EU PARA
OBTER MAIS INFORMAÇÕES SOBRE A GAMA DE PRODUTOS, CONTACTE O NOSSO DISTRIBUIDOR OU OS REVENDEDORES MAIS
PRÓXIMOS. V-TAC EUROPE LTD. BULGÁRIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

SUPORTES DE CHAPA ONDULADA

Personalização do sistema de montagem solar



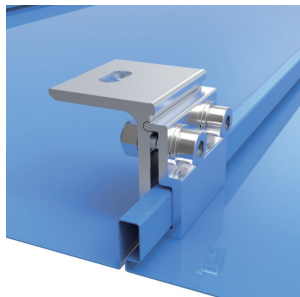
* A solução final será definida de acordo com as condições do projeto.

MANUAL DE INSTALAÇÃO DOS SUPORTES DE CHAPA METÁLICA ONDULADA V-TAC



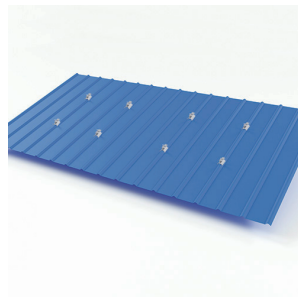
Etapa 1

Selecionar os grampos adequados para se apoiar na telha metálica.



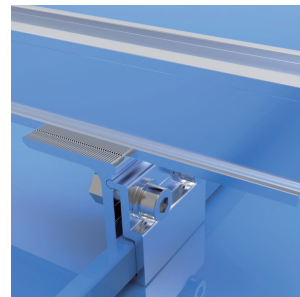
Etapa 2

Fixar os restantes grampos da mesma forma.



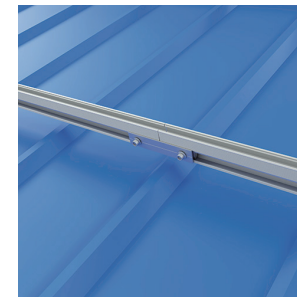
Etapa 3

Instalar as calhas adequadas nos grampos com parafusos.



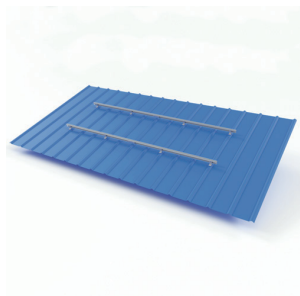
Etapa 4

Ligar as calhas com uma emenda.



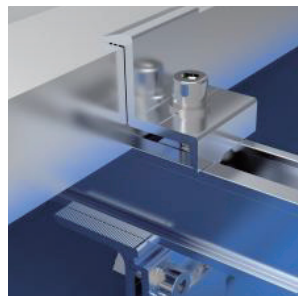
Etapa 5

Terminar a instalação das calhas da mesma forma.



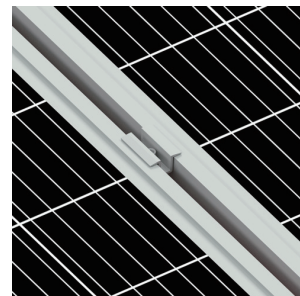
Etapa 6

Fixar os painéis solares nas calhas com grampos de extremidade.



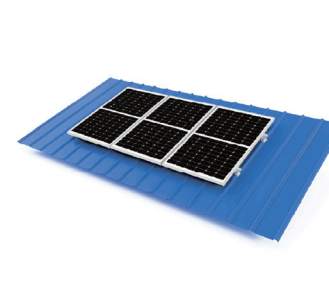
Etapa 7

Fixar dois painéis solares nas calhas com grampos médios.



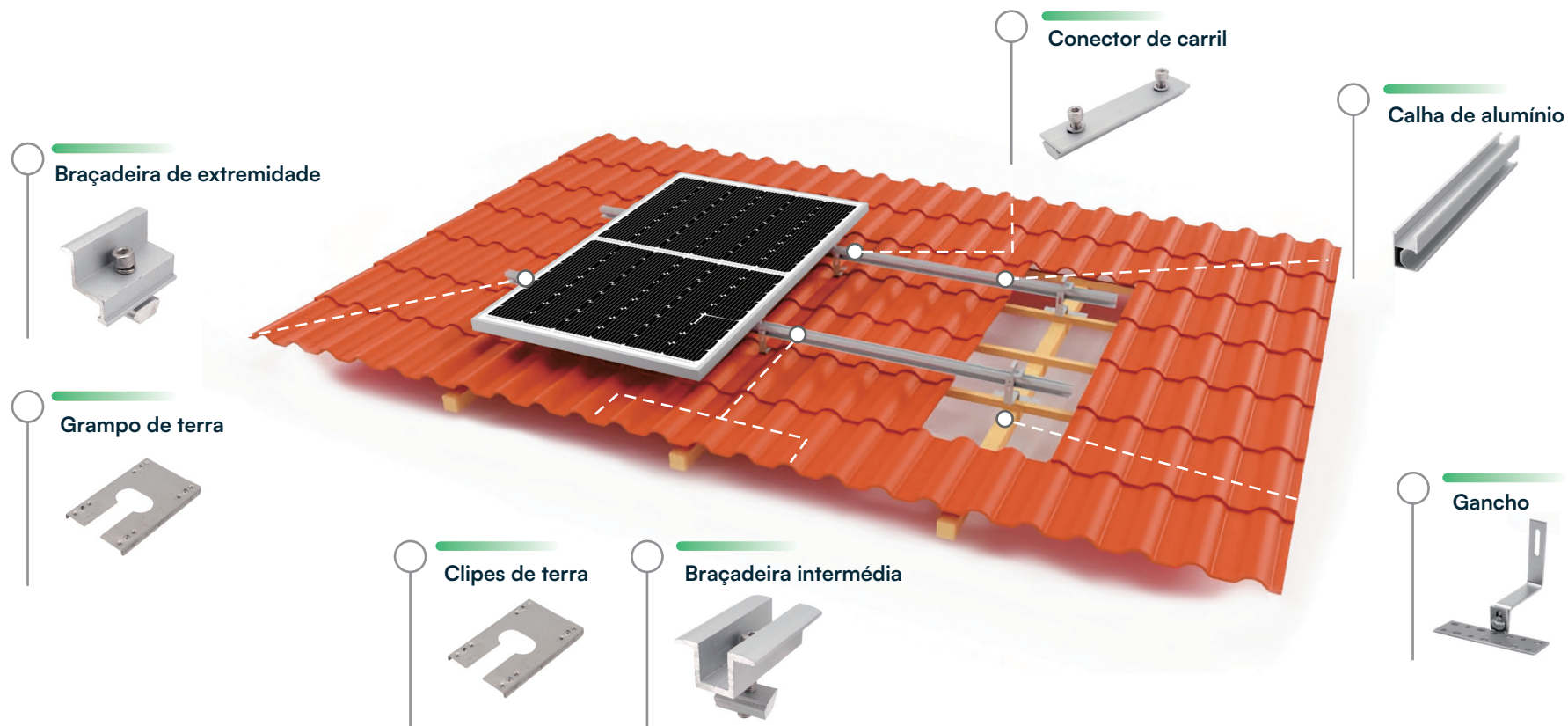
Etapa 8

Concluir a instalação.



SUPORTES DE TELHADO DE TELHA INCLINADA

Personalização do sistema de montagem solar



* A solução final será definida de acordo com as condições do projeto.

MANUAL DE INSTALAÇÃO DOS SUPORTES PARA TELHAS INCLINADAS V-TAC



Etapa 1

Afastar o azulejo.



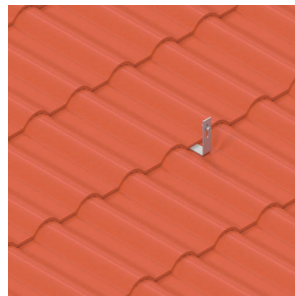
Etapa 2

Fixar os ganchos SUS304 na viga com parafusos.



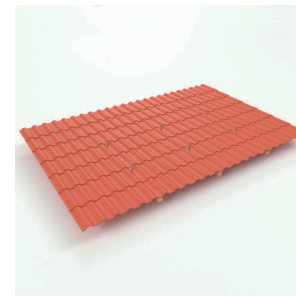
Etapa 3

Depois de fixar os ganchos, volte a colocar o azulejo.



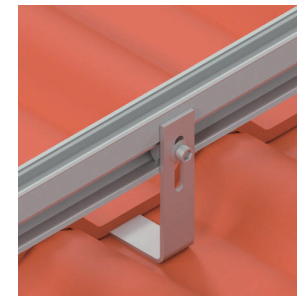
Etapa 4

Instale os restantes ganchos da mesma forma.



Etapa 5

Instalar as calhas nos ganchos com as porcas deslizantes.



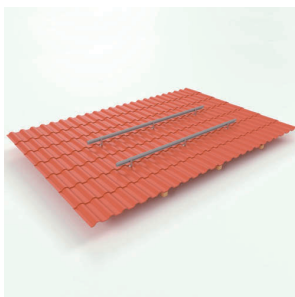
Etapa 6

Terminar a instalação das calhas da mesma forma.



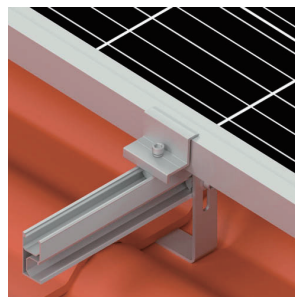
Etapa 7

Terminar a instalação das calhas da mesma forma.



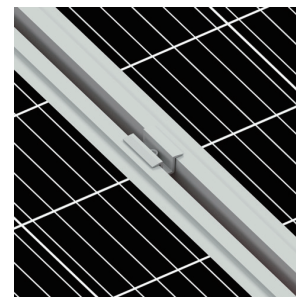
Etapa 8

Fixar os painéis solares nas calhas com grampos de extremidade.



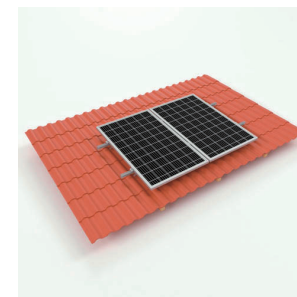
Etapa 9

Fixar os painéis solares nas calhas com grampos de extremidade.



Etapa 10

Concluir a instalação.



CONSOLAS DE BETÃO PARA TELHADOS PLANOS

Personalização do sistema de montagem solar



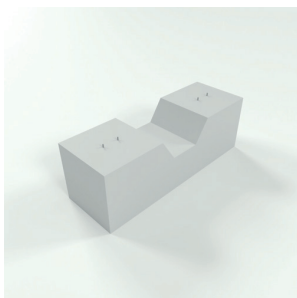
* A solução final será definida de acordo com as condições do projeto.

MANUAL DE INSTALAÇÃO DOS SUPORTES PARA TELHADOS PLANOS V-TAC CONCRET



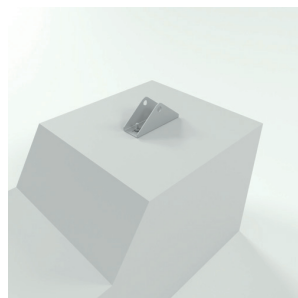
Etapa 1

Pré-incorporar as peças em forma de U no bloco de betão.



Etapa 2

Instalar a base e o triângulo.



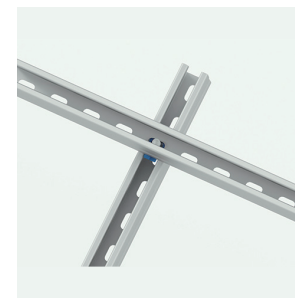
Etapa 3

Instalar a coluna e o suporte oblíquo na base.



Etapa 4

Fix rails on triangle with screws.



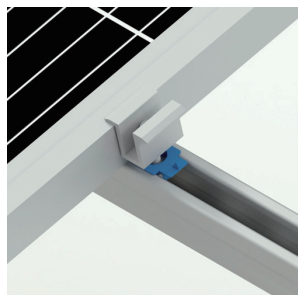
Etapa 5

Ligar as calhas com ligação.



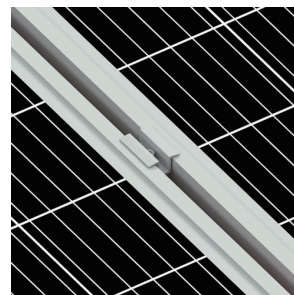
Etapa 6

Fixar os painéis solares nas calhas com grampos de extremidade.



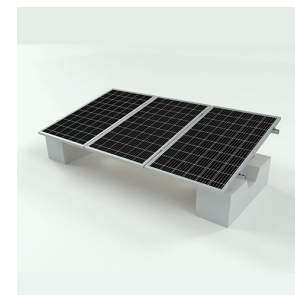
Etapa 7

Fixar dois painéis solares com braçadeiras intermédias.



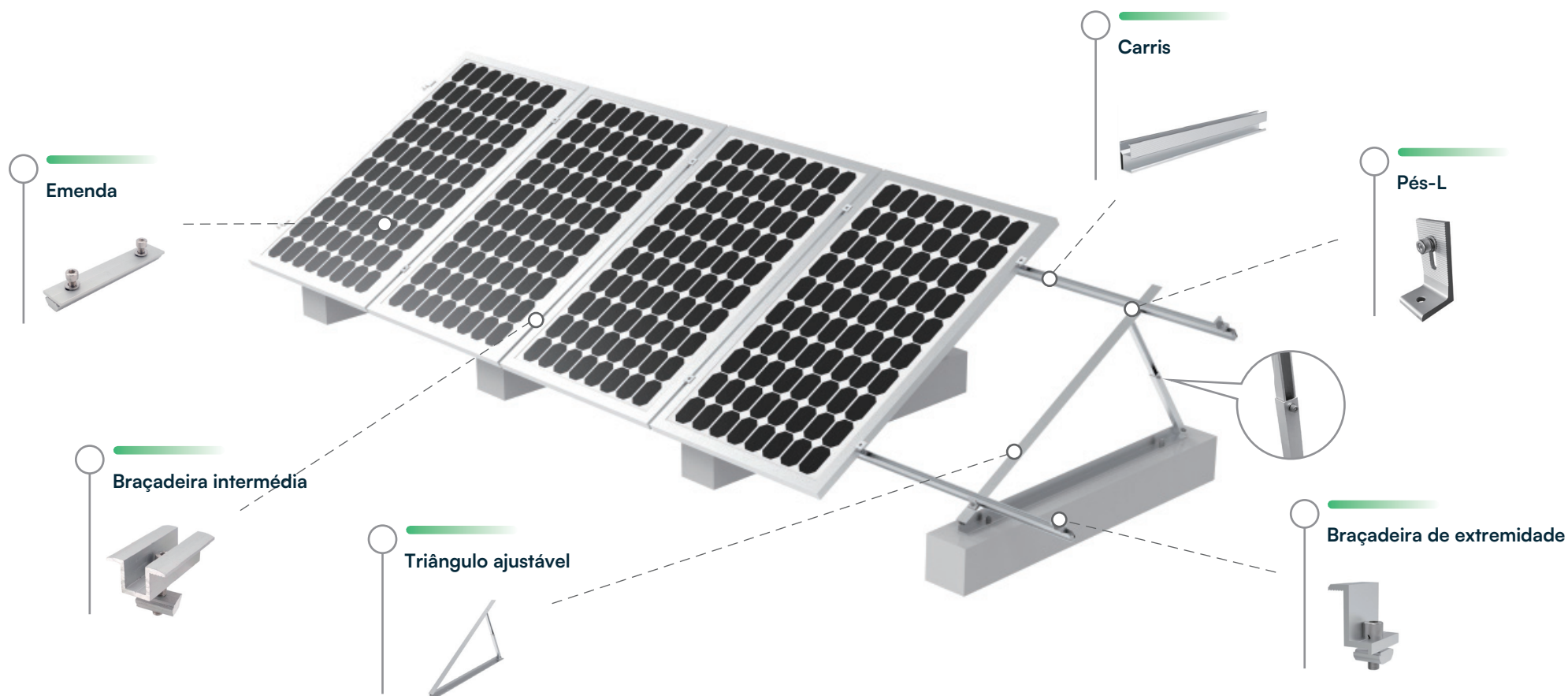
Etapa 8

Concluir a instalação.



SUPORTES TRIANGULARES AJUSTÁVEIS PARA TELHADOS PLANOS

Personalização do sistema de montagem solar



* A solução final será definida de acordo com as condições do projeto.

SUPORTES TRIANGULARES AJUSTÁVEIS V-TAC PARA TECTOS PLANOS



Meaningful Innovation.

Etapa 1

Desdobrar o triângulo ajustável pré-montado, ajustar o comprimento da coluna lateral de acordo com o ângulo de inclinação ideal necessário e, em seguida, bloquear firmemente o parafuso;



Etapa 2

Instale as calhas no triângulo ajustável com o pé em L, aperte bem o parafuso e certifique-se de que todas as calhas estão no mesmo nível.



Etapa 3

Ligar as calhas com uma emenda.



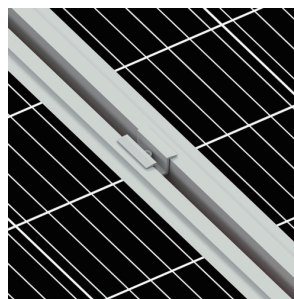
Etapa 4

Fixar os colectores solares nas calhas com grampos de extremidade



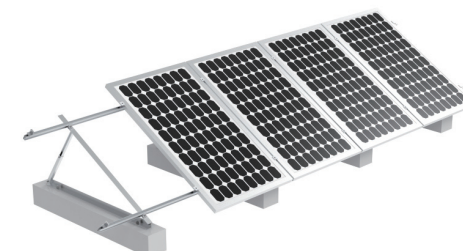
Etapa 5

Fixar dois painéis solares com braçadeiras intermédias.



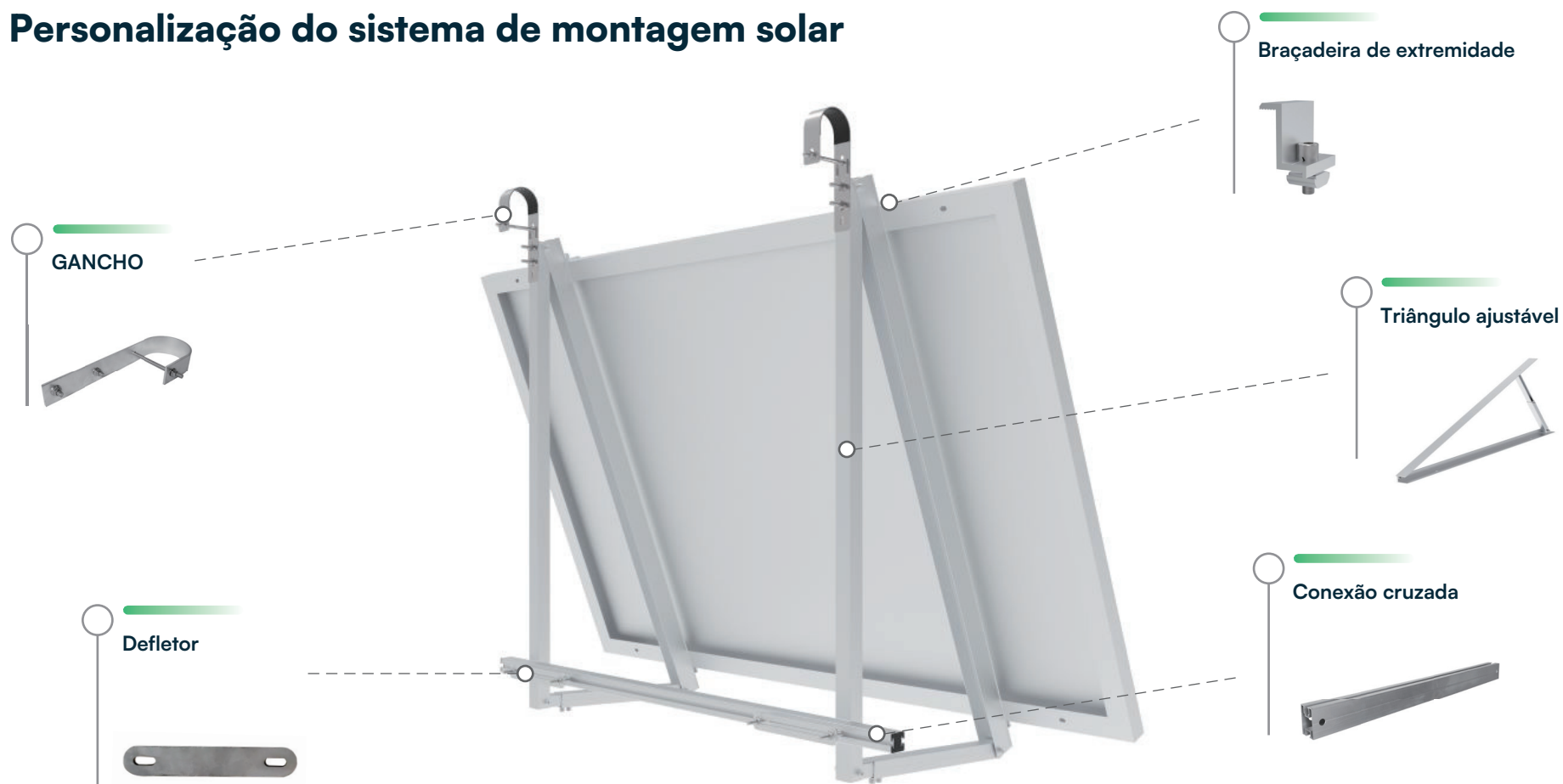
Etapa 6

Concluir a instalação.



SUPORTES DE VARANDA AJUSTÁVEIS

Personalização do sistema de montagem solar



* A solução final será definida de acordo com as condições do projeto.

SUPORTES DE VARANDA AJUSTÁVEIS V-TAC

MANUAL DE INSTALAÇÃO



Etapa 1

Desdobrar o triângulo ajustável pré-montado, ajustar o comprimento da coluna lateral de acordo com o ângulo de inclinação ideal necessário e, em seguida, bloquear firmemente o parafuso:



Etapa 2

Fixar os ganchos com parafusos.



Etapa 3

Ligar dois triângulos com uma ligação cruzada



Etapa 4

Fixar os painéis solares nos triângulos com grampos de extremidade



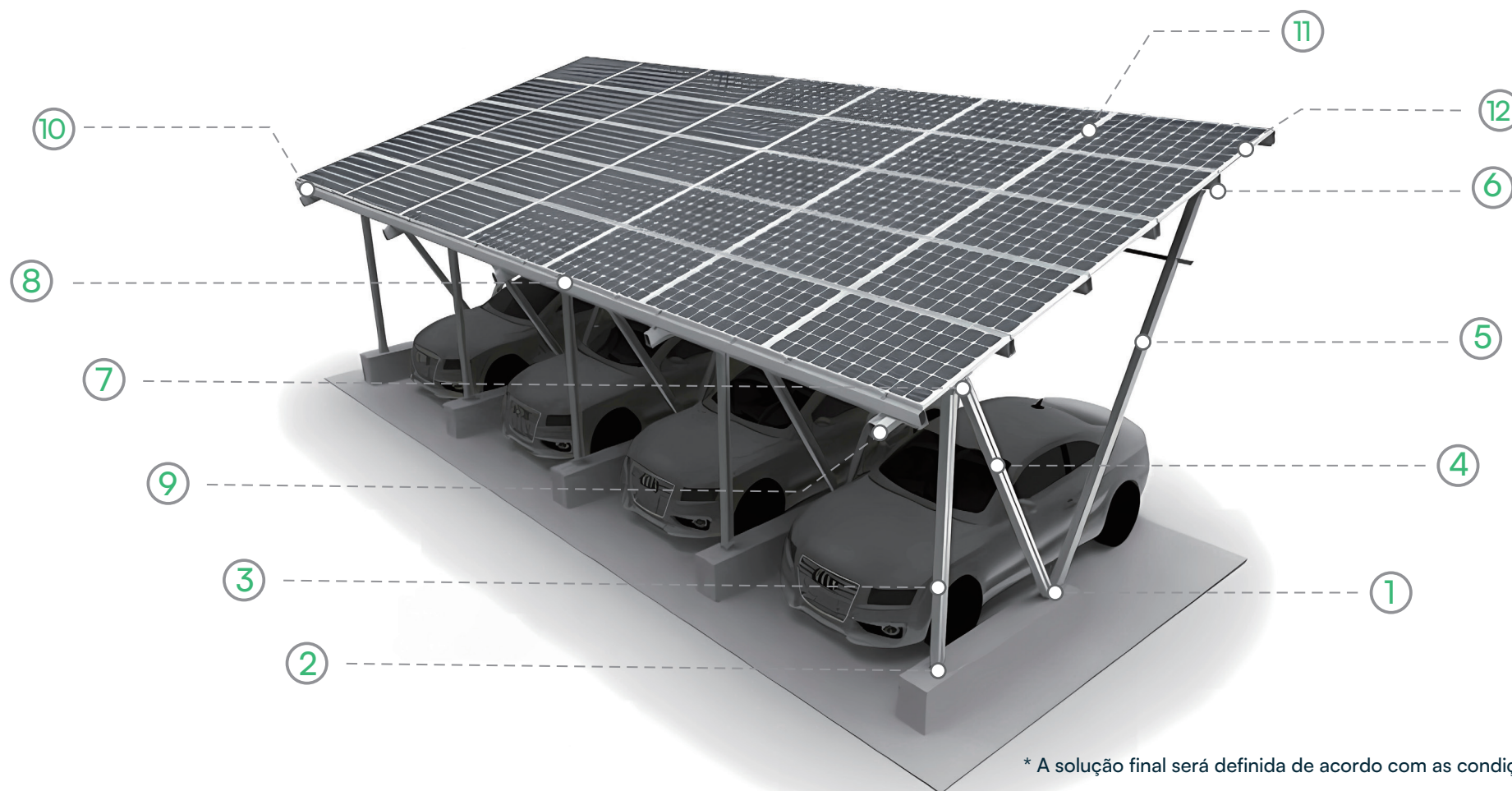
Etapa 5

Concluir a instalação.



SUPORTES SOLARES PARA TELHEIRO

Personalização do sistema de montagem solar



* A solução final será definida de acordo com as condições do projeto.

ACESSÓRIOS V-TAC DE SUPORTES SOLARES PARA GARAGEM



1

Base (300mm)



2

Base (200mm)



3

Tubo para telheiro (2500mm)



4

Tubo para telheiro (3760mm)



5

Tubo para telheiro (2950mm)



6

Casaco H (150mm)



7

Casaco H (220mm)



8

Carril de barra transversal



9

Estrutura da garagem



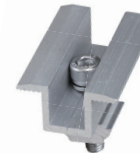
10

Kit de fixação (35mm)



11

Braçadeira média (35mm)



12

Braçadeira de extremidade
(35mm)





Meaningful Innovation.

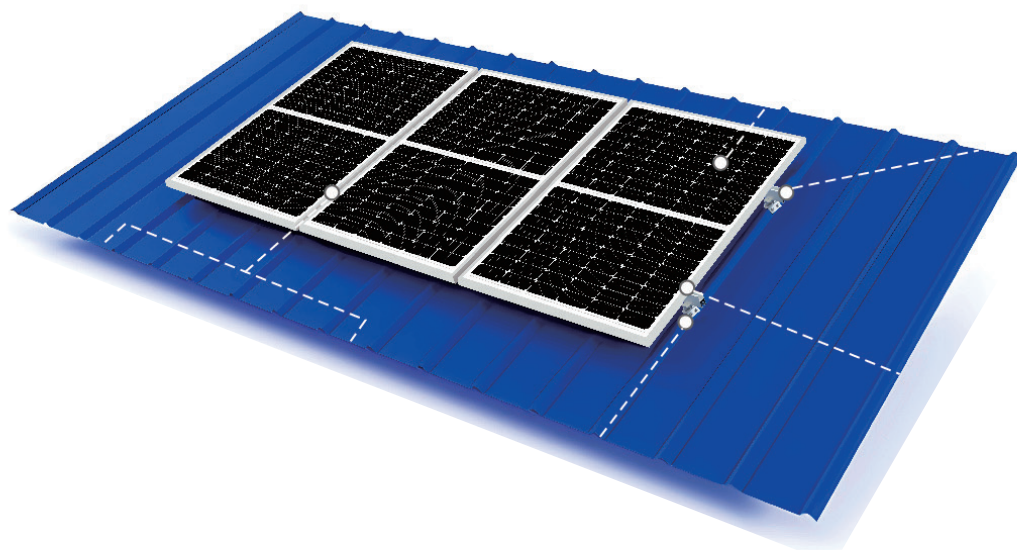
MANUAL DE INSTRUȚIUNI

L FEET GROUP

SKU 11583

INTRODUCERE

Vă mulțumim pentru selectarea și cumpărarea produsului V-TAC. V-TAC vă va servi cel mai bine. Vă rugăm să citiți cu atenție aceste instrucțiuni și să păstrați acest manual de utilizare la îndemână pentru consultare ulterioară. Dacă aveți orice altă întrebare, vă rugăm să contactați distribuitorul nostru sau vânzătorul local de la care ați achiziționat produsul. Aceștia sunt instruiți și pregătiți să vă servească la cel mai bun nivel.



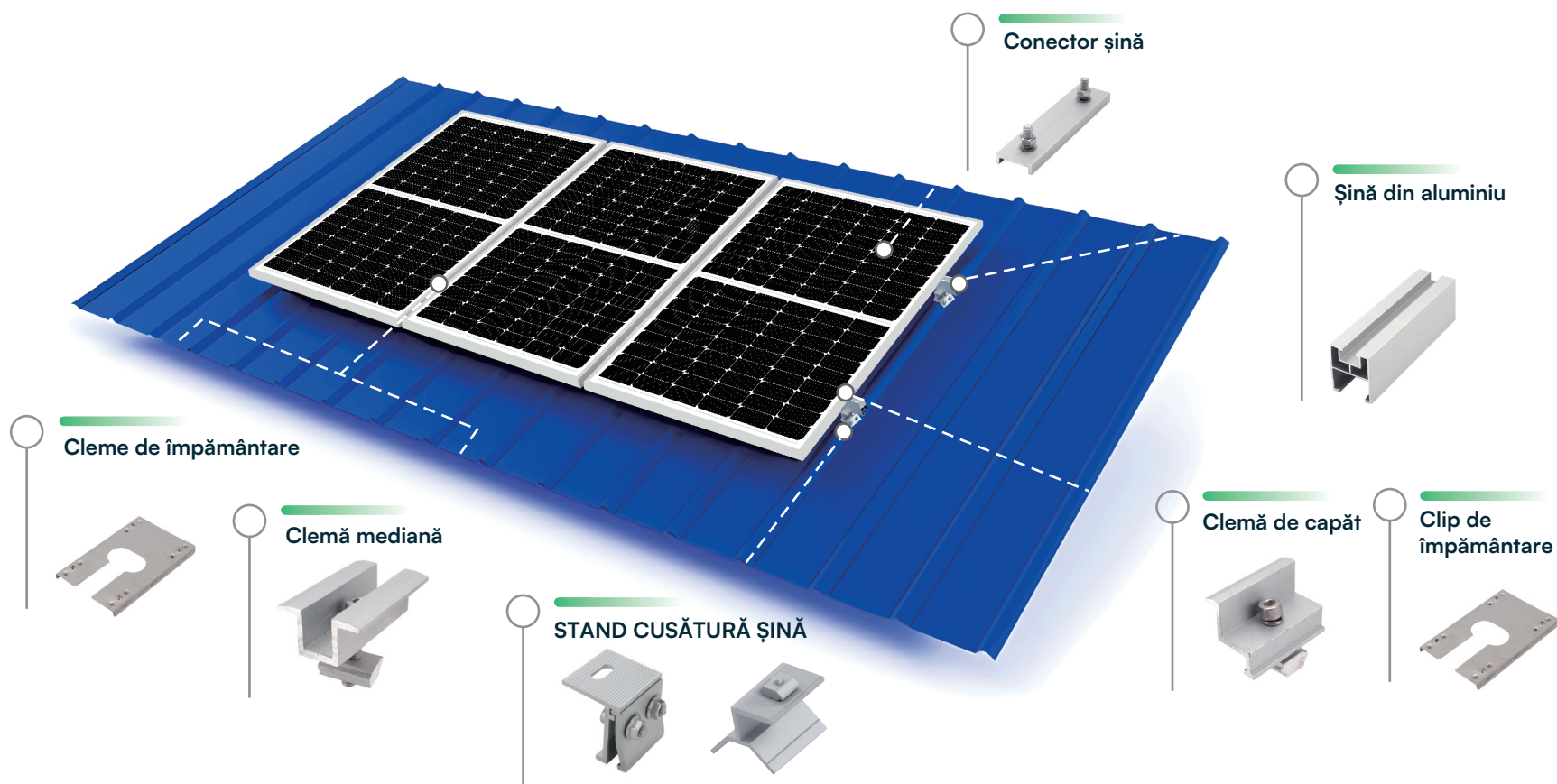
SKU	DESCRIERE
11390	ȘINĂ DE ARGINT 1200MM PENTRU PANOU SOLAR 4PCS/SET
11389	CLEMĂ DE MIJLOC 35MM PENTRU PANOU SOLAR 8PCS/SET
11391	CÂRLIG DE ACOPERIȘ PENTRU PANOU SOLAR 5PCS/SET
11392	PIULIȚĂ TT PENTRU PANOU SOLAR 20PCS/SET
11393	ȘURUB M6*50MM PENTRU PANOU SOLAR 30PCS/SET
11394	RACORD PENTRU ȘINĂ ARGINTIE 8PCS/SET
11395	PLACĂ DE ÎMPĂMÂNTARE PENTRU PANOUL SOLAR 8PCS/SET
11388	CLEMĂ DE CAPĂT 35MM PENTRU PANOU SOLAR 4PCS/SET

11385	Picior spate reglabil (H280-415mm/10°-15°) PENTRU PANOUL SOLAR
11386	Picior spate reglabil (H420-700mm/15°-30°) PENTRU PANOUL SOLAR
11387	SUPORT TRIUNGHIUAR CU UNGHI REGLABIL 10°-15° PENTRU PANOUL SOLAR
11417	PICIOR FRONTAL REGLABIL PENTRU PANOUL SOLAR
11538	ȘINĂ ARGINTIE 2000MM PENTRU PANOU SOLAR 4PCS/SET

ÎN CAZUL ORICĂREI ÎNTREBĂRI/PROBLEME LEGATE DE PRODUS, VĂ RUGĂM SĂ NE CONTACTAȚI LA: SUPPORT@V-TAC.EU
PENTRU O GAMĂ MAI LARGĂ DE PRODUSE, VĂ RUGĂM SĂ CONTACTAȚI DISTRIBUTORUL NOSTRU SAU CEI MAI APROPIAȚI
DEALERI. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

SUPORTURI DIN TABLĂ ONDULATĂ

Personalizarea sistemului de montaj solar



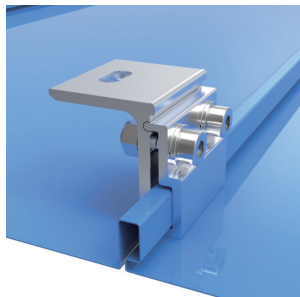
* Soluția finală va fi definită în funcție de condițiile proiectului.

MANUAL DE INSTALARE A SUPORTURILOR DE TABLĂ ONDULATĂ V-TAC



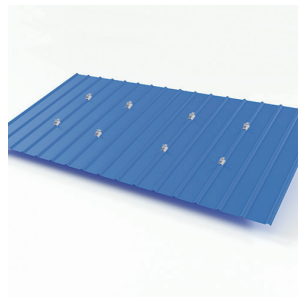
Pas 1

Selectați clemele potrivite pentru a sta pe țigla metalică.



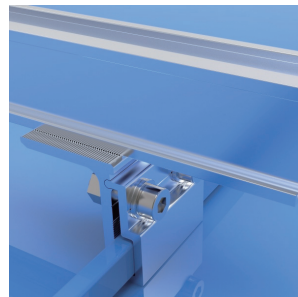
Pas 2

Fixați restul clemelor în același mod.



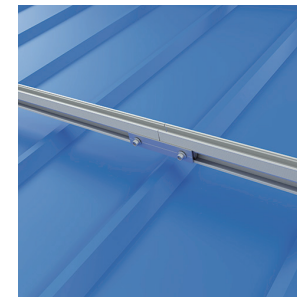
Pas 3

Instalați șinele adecvate pe clemele cu șuruburi.



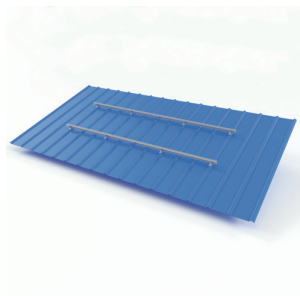
Pas 4

Conectați șinele cu îmbinare.



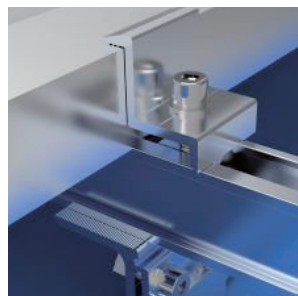
Pas 5

Terminați instalarea șinelor în același mod.



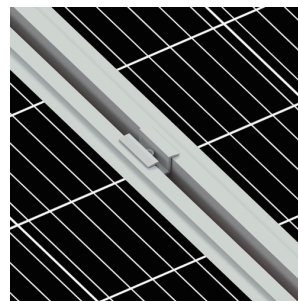
Pas 6

Fixați panourile solare pe șine cu clemle de capăt.



Pas 7

Fixați două panouri solare pe șine cu clemle intermediare.



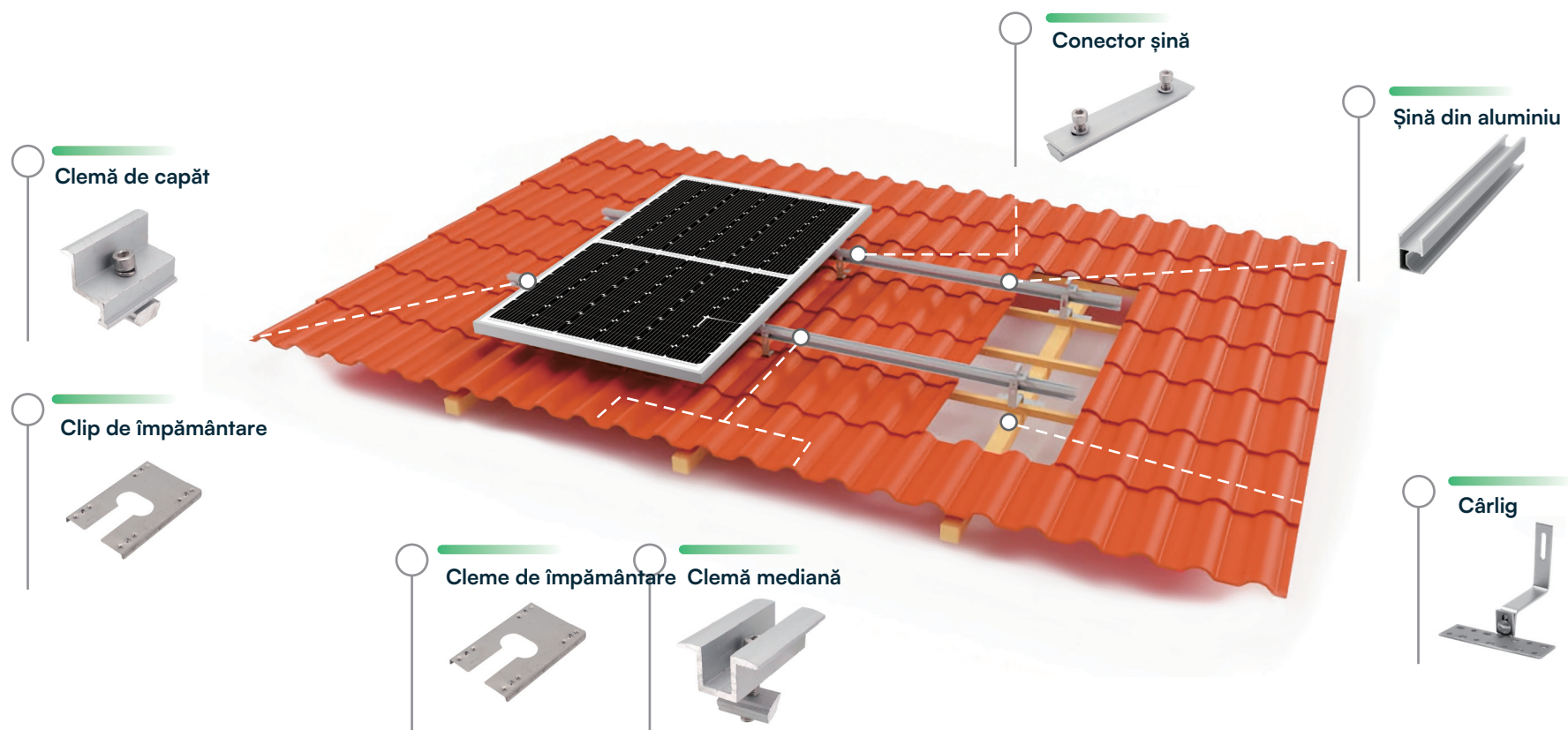
Pas 8

Finalizați instalarea.



ȚIGLĂ ÎNCLINATĂ SUPORTURI

Personalizarea sistemului de montaj solar



* Soluția finală va fi definită în funcție de condițiile proiectului.

MANUAL DE INSTALARE A SUPORTURILOR V-TAC PENTRU ACOPERIȘURI CU ȚIGLĂ ÎNCLINATĂ

V-TAC
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Pas 1

Îndepărtați țigla glazurată.



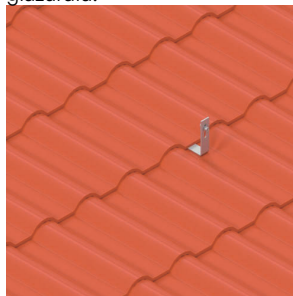
Pas 2

Fixați cârligele SUS304 pe
căprior cu șuruburi.



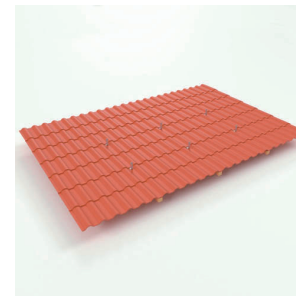
Pas 3

După fixarea cârligelor,
mutați înapoi țigla
glazurată.



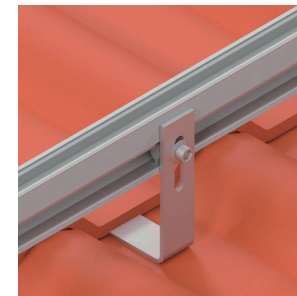
Pas 4

Instalați restul cârligelor în
același mod.



Pas 5

Instalați șinele pe cârlige cu
piulițele glisante.



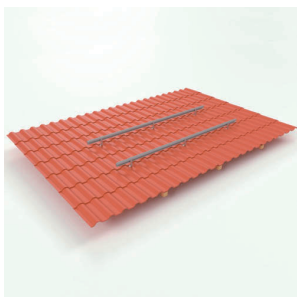
Pas 6

Terminați instalarea șinelor
în același mod.



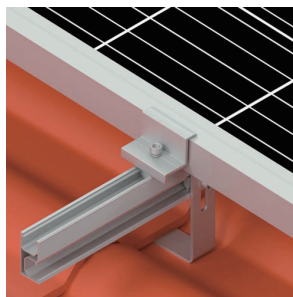
Pas 7

Terminați instalarea șinelor
în același mod.



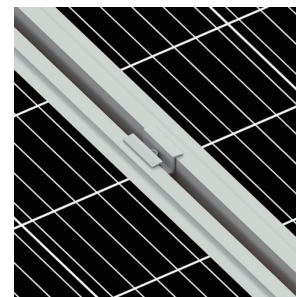
Pas 8

Fixați panourile solare pe
șine cu cleme de capăt.



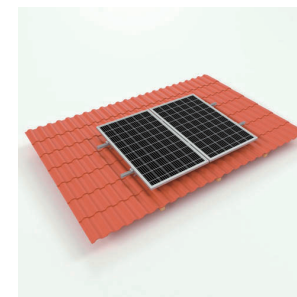
Pas 9

Fixați două panouri solare pe
șine cu cleme intermediare.



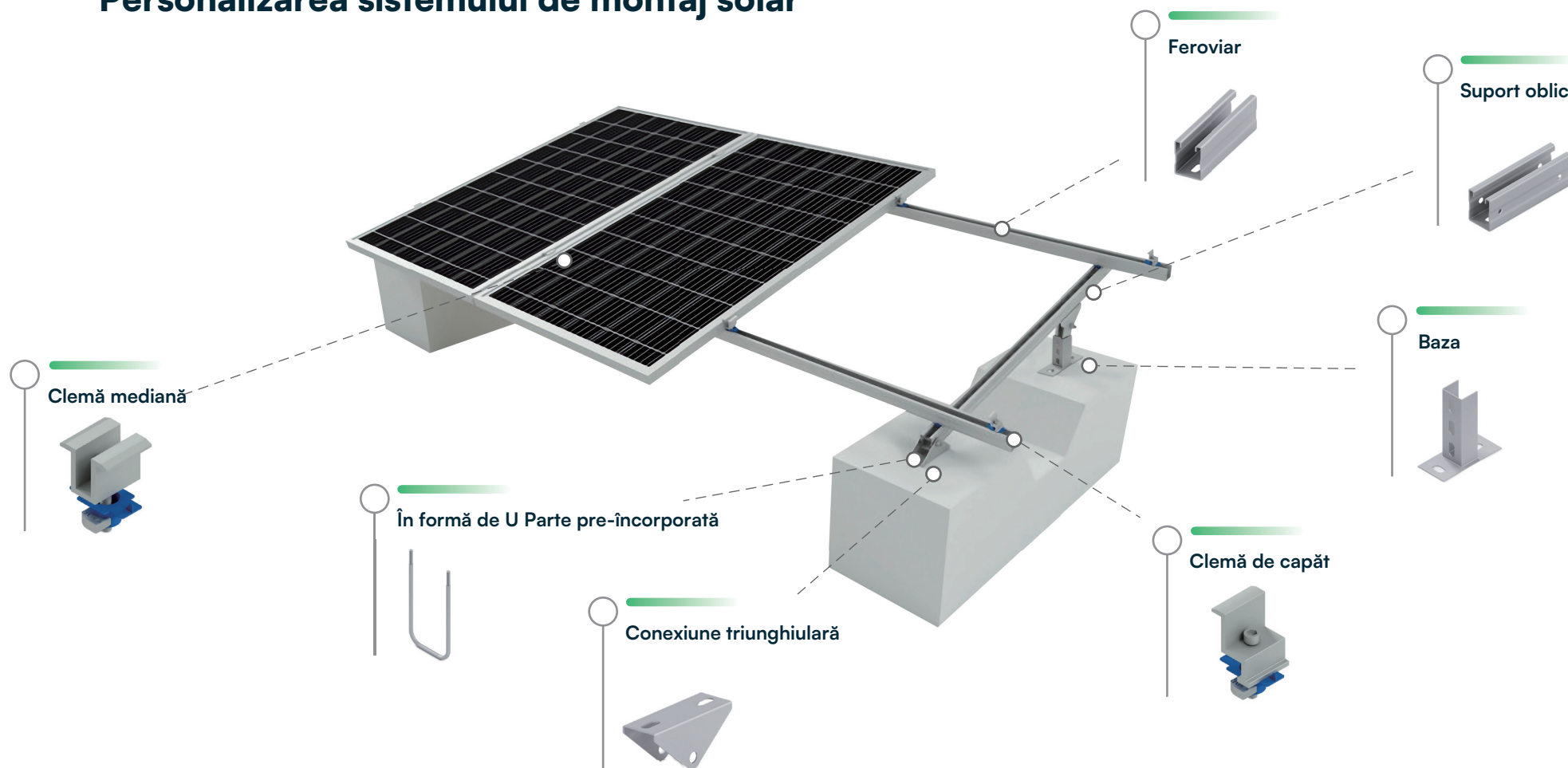
Pas 10

Finalizați instalarea.



SUPORTURI BETON PENTRU ACOPERIȘURI PLATE

Personalizarea sistemului de montaj solar



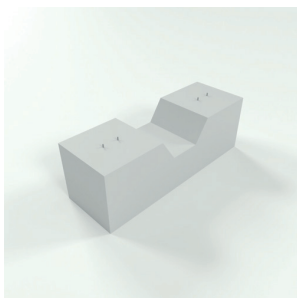
* Soluția finală va fi definită în funcție de condițiile proiectului.

V-TAC BETON SUPORTURI PENTRU ACOPERIȘURI PLATE MANUAL DE INSTALARE



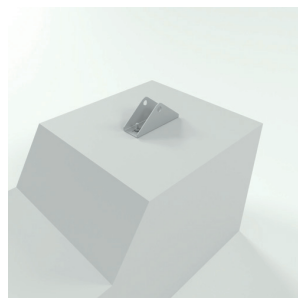
Pas 1

Pre-încastați piesele în formă de U în blocul de beton.



Pas 2

Instalați baza și triunghiul.



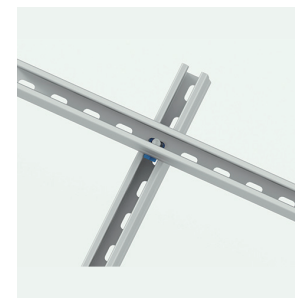
Pas 3

Instalați coloana și suportul oblic pe bază.



Pas 4

Fixați șinele pe triunghi cu șuruburi.



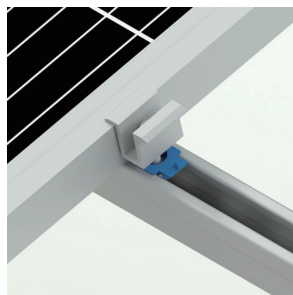
Pas 5

Conectați șinele cu conexiune.



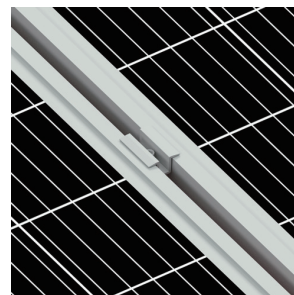
Pas 6

Fixați panourile solare pe șine cu cleme de capăt.



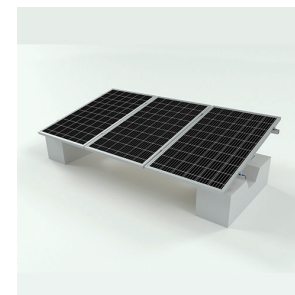
Pas 7

Fixați două panouri solare cu cleme medii.



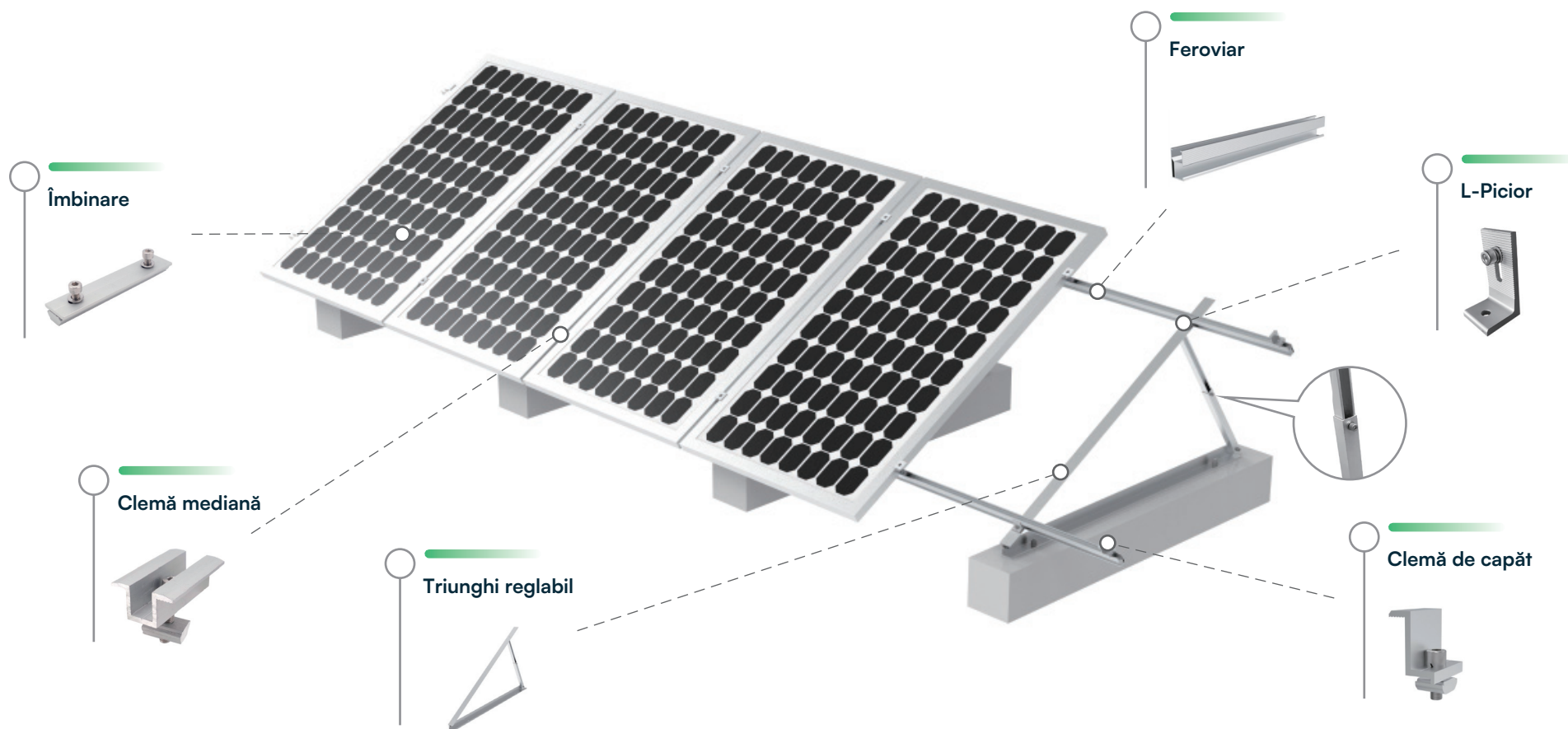
Pas 8

Finalizați instalarea.



SUPORTURI TRIUNGHIULARE REGLABILE PENTRU ACOPERIȘ PLAT

Personalizarea sistemului de montaj solar



* Soluția finală va fi definită în funcție de condițiile proiectului.

SUPORTURI TRIUNGHILARE REGLABILE PENTRU ACOPERIȘ PLAT V-TAC

MANUAL DE INSTALARE



Pas 1

Desfaceți triunghiul reglabil preasamblat, reglați lungimea coloanei laterale în funcție de unghiul de înclinare optim necesar, apoi blocați bine șurubul;



Pas 2

Instalați șinele pe triunghiul reglabil cu ajutorul piciorului L, blocați bine șurubul și asigurați-vă că toate șinele sunt la același nivel.



Pas 3

Conectați șinele cu îmbinare.



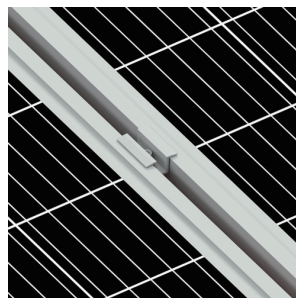
Pas 4

Fixați panourile solare pe șine cu cleme de capăt



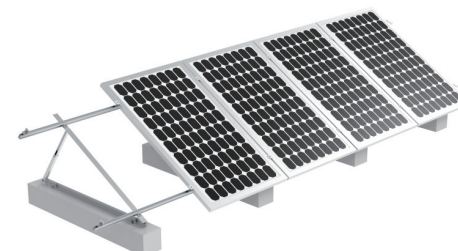
Pas 5

Fixați două panouri solare cu cleme medii.



Pas 6

Finalizați instalarea.



SUPORTURI DE BALCON REGLABILE

Personalizarea sistemului de montaj solar



* Soluția finală va fi definită în funcție de condițiile proiectului.

MANUAL DE INSTALARE A SUPORTURILOR DE BALCON REGLABILE V-TAC



Pas 1

Desfaceți triunghiul reglabil preasamblat, reglați lungimea coloanei laterale în funcție de unghiul de înclinare optim necesar, apoi blocați bine șurubul;



Pas 2

Fixați cârligele cu șuruburi.



Pas 3

Conectați două triunghiuri cu conexiune transversală



Pas 4

Fixați panourile solare pe triunghiuri cu cleme de capăt



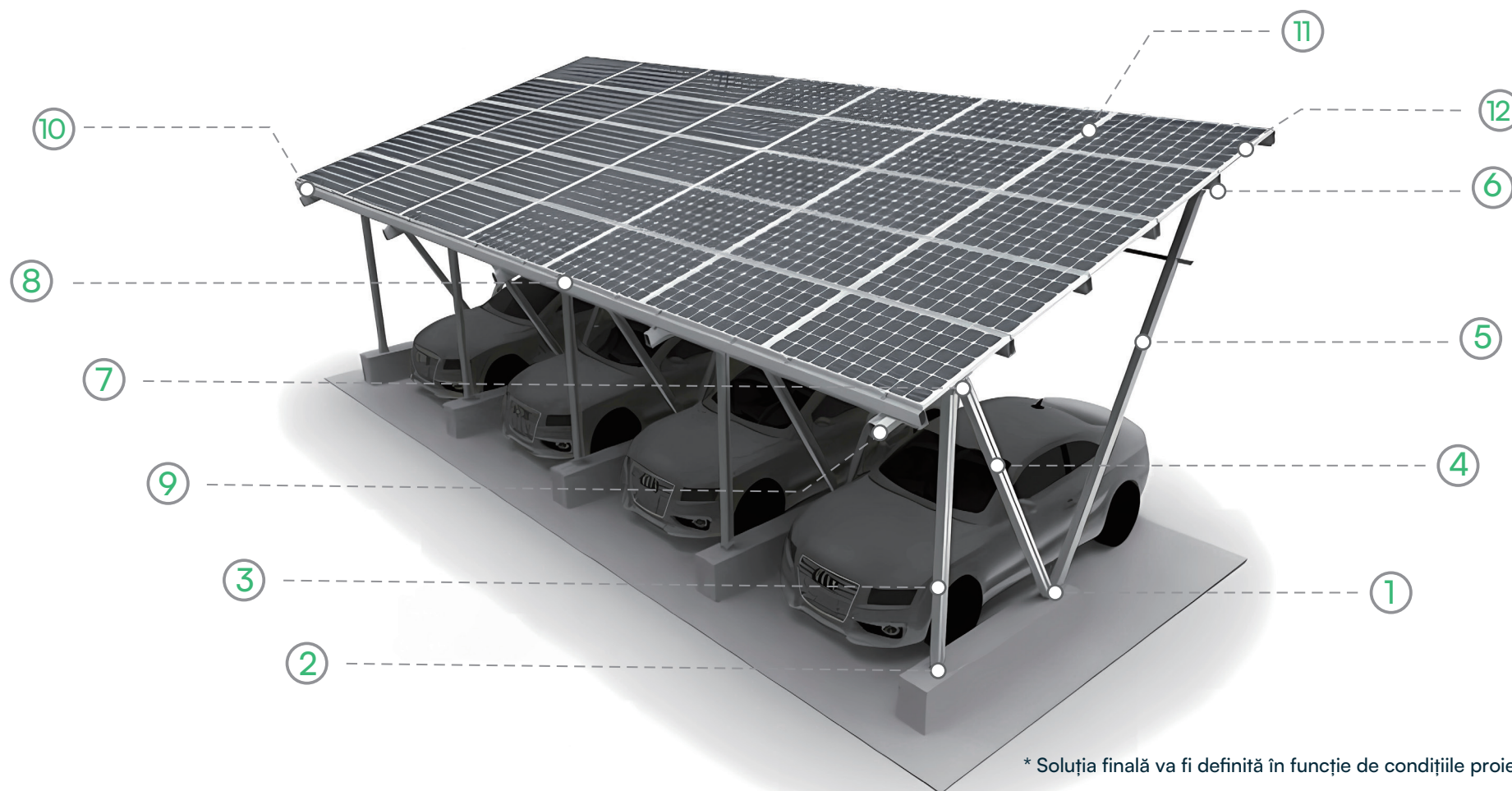
Pas 5

Finalizați instalarea.



SUPORTURI SOLARE PENTRU CARPORT

Personalizarea sistemului de montaj solar



* Soluția finală va fi definită în funcție de condițiile proiectului.

V-TAC ACCESORII DE SUPORTURI SOLARE CARPORT

V-TAC
Meaningful Innovation.

1

Bază (300mm)



2

Bază (200mm)



3

Tub Carport (2500mm)



4

Carport Tube (3760mm)



5

Carport Tube (2950mm)



6

H Jachetă (150mm)



7

H Jachetă (220mm)



8

Bară transversală



9

Carport Stringer



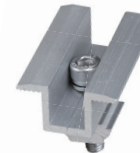
10

Kit de prindere (35mm)



11

Clemă mediană (35mm)



12

Clemă de capăt (35mm)





Meaningful Innovation.

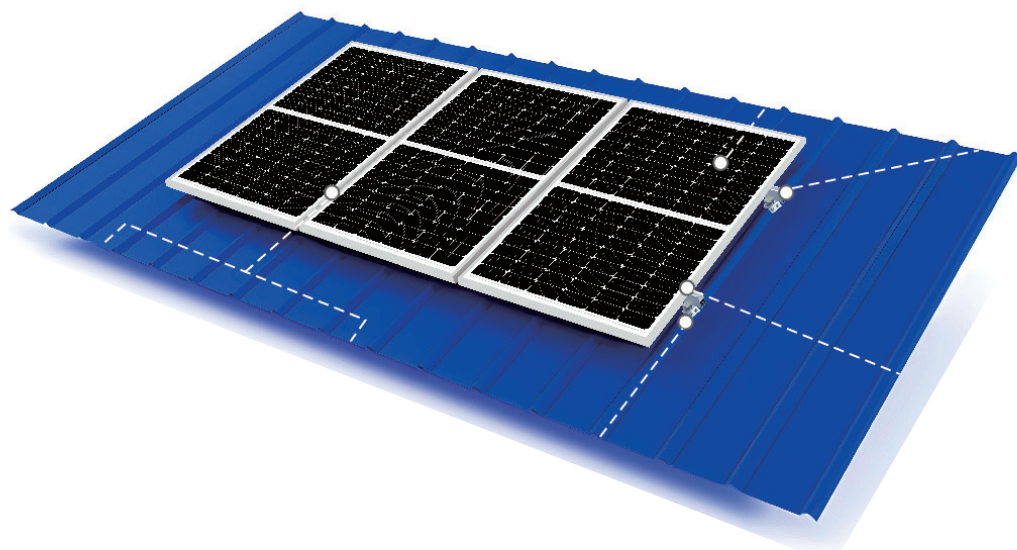
MANUAL DE INSTRUCCIONES

GRUPO L FEET

SKU 11583

INTRODUCCIÓN

Gracias por seleccionar y comprar un producto V-TAC. V-TAC le servirá lo mejor posible. Lea atentamente estas instrucciones y conserve este manual de usuario a mano para futuras consultas. Si tiene cualquier otra duda, póngase en contacto con nuestro distribuidor o vendedor local al que haya comprado el producto. Ellos están entrenados y listos para servirle lo mejor posible.



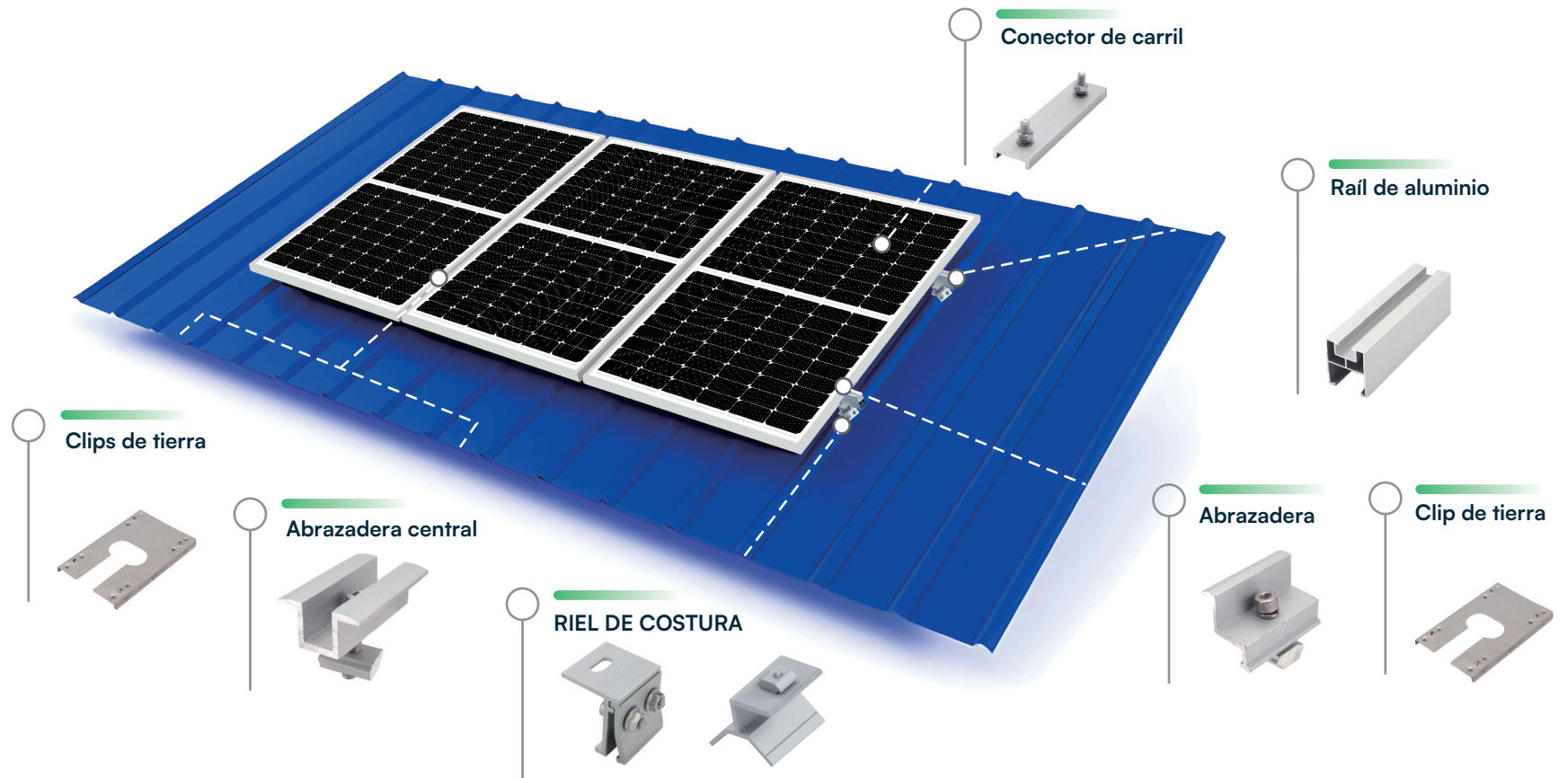
SKU	DESCRIPCIÓN
11390	RIEL DE PLATA 1200MM PARA PANEL SOLAR 4PCS/SET
11389	ABRAZADERA MEDIA 35MM PARA PANEL SOLAR 8PCS/SET
11391	GANCHO DE TECHO PARA PANEL SOLAR 5PCS/SET
11392	TUERCA TT PARA PANEL SOLAR 20PCS/SET
11393	TORNILLO M6*50MM PARA PANEL SOLAR 30PCS/SET
11394	EMPALME PARA RIEL DE PLATA 8PCS/SET
11395	PLACA DE TIERRA PARA EL PANEL SOLAR 8PCS/SET
11388	ABRAZADERA 35MM PARA PANEL SOLAR 4PCS/SET

11385	PIE TRASERO AJUSTABLE (H280-415mm/10°-15°) PARA PANEL SOLAR
11386	PIE TRASERO AJUSTABLE (H420-700mm/15°-30°) PARA PANEL SOLAR
11387	SOPORTE TRIANGULAR CON ÁNGULO AJUSTABLE 10°-15° PARA PANEL SOLAR
11417	PATA DELANTERA AJUSTABLE PARA PANEL SOLAR
11538	CARRIL DE PLATA 2000MM PARA EL PANEL SOLAR 4PCS/SET

EN CASO DE CUALQUIER DUDA O PROBLEMA CON EL PRODUCTO, PÓNGASE EN CONTACTO CON NOSOTROS EN:
SUPPORT@V-TAC.EU PARA MÁS GAMA DE PRODUCTOS, CONSULTA POR FAVOR PÓNGASE EN CONTACTO CON NUESTRO
DISTRIBUIDOR O DISTRIBUIDORES MÁS CERCANOS. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELLOW 9B

SOPORTES DE CHAPA ONDULADA

Personalización del sistema de montaje solar



* La solución final se definirá en función de las condiciones del proyecto.

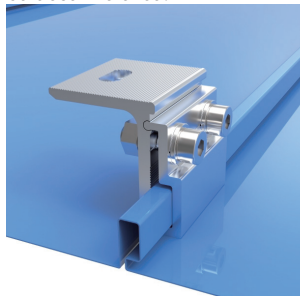
V-TAC CORRUGATED SHEET METAL BRACKETS

MANUAL DE INSTALACIÓN



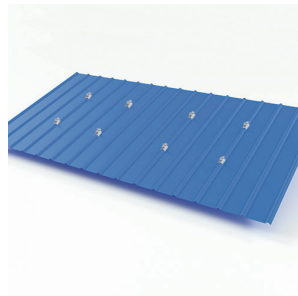
Paso 1

Seleccione las abrazaderas adecuadas para colocarse sobre la baldosa metálica.



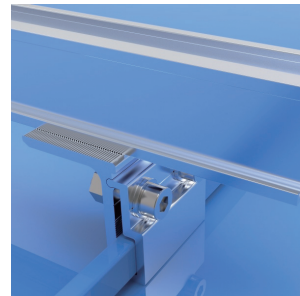
Paso 2

Fije las demás abrazaderas de la misma manera.



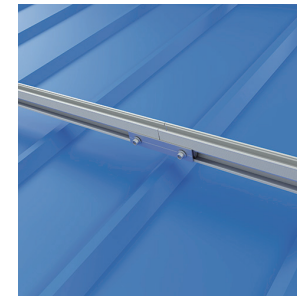
Paso 3

Instale los rieles adecuados en las abrazaderas con tornillos.



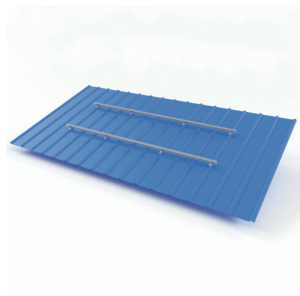
Paso 4

Unir los rieles con empalme.



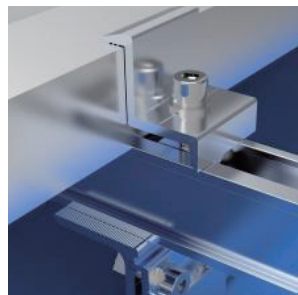
Paso 5

Termine la instalación de los rieles de la misma manera.



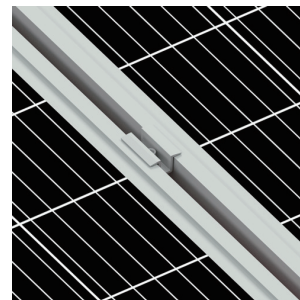
Paso 6

Fija los paneles solares a los rieles con abrazaderas en los extremos.



Paso 7

Fija dos paneles solares en los rieles con abrazaderas intermedias.



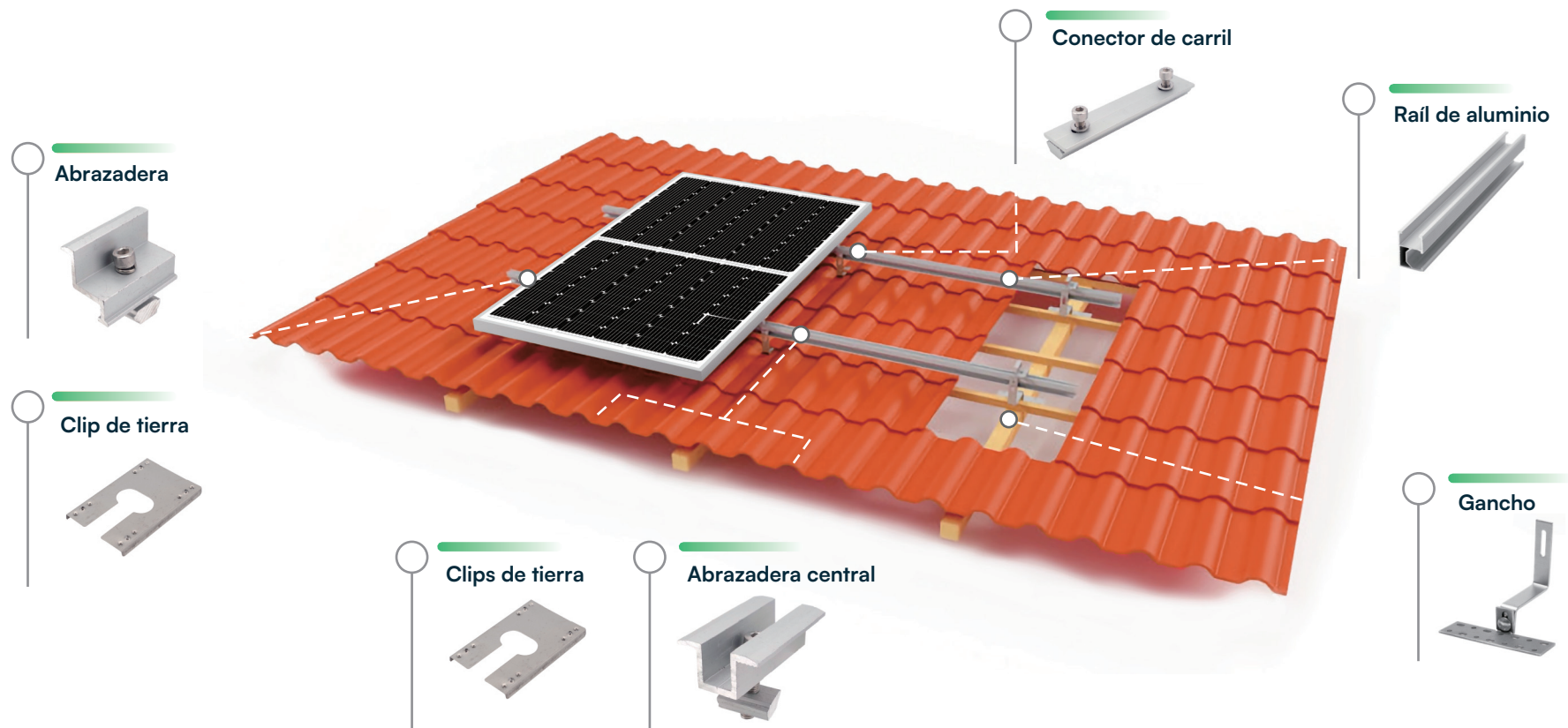
Paso 8

Finaliza la instalación.



SOPORTES PARA TEJAS INCLINADAS

Personalización del sistema de montaje solar



* La solución final se definirá en función de las condiciones del proyecto.

V-TAC SOPORTES PARA TEJADOS DE TEJAS INCLINADAS MANUAL DE INSTALACIÓN



Paso 1

Aparte el azulejo esmaltado.



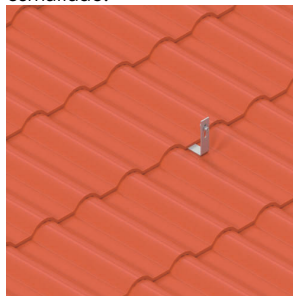
Paso 2

Fije los ganchos SUS304 en el cabrio con tornillos.



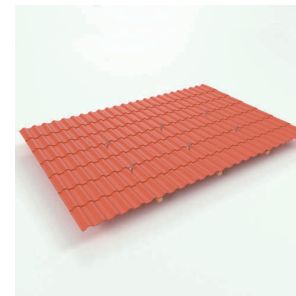
Paso 3

Después de fijar los ganchos, mueva hacia atrás el azulejo esmaltado.



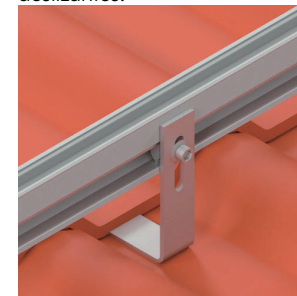
Paso 4

Instale el resto de ganchos de la misma manera.



Paso 5

Instale los rieles en los ganchos con tuercas deslizantes.



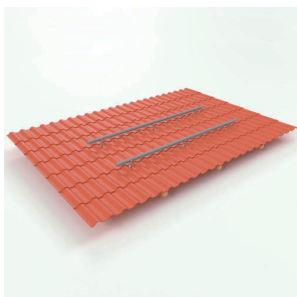
Paso 6

Termine la instalación de los rieles de la misma manera.



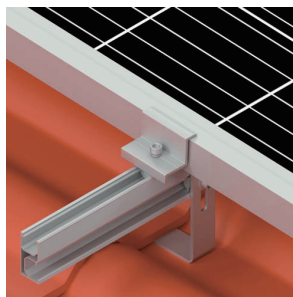
Paso 7

Termine la instalación de los rieles de la misma manera.



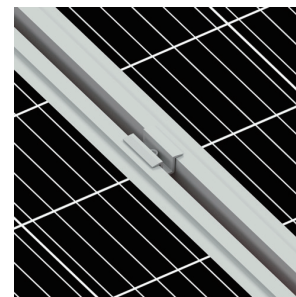
Paso 8

Fija los paneles solares a los rieles con abrazaderas en los extremos.



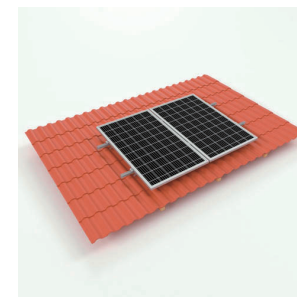
Paso 9

Fija dos paneles solares en los rieles con abrazaderas intermedias.



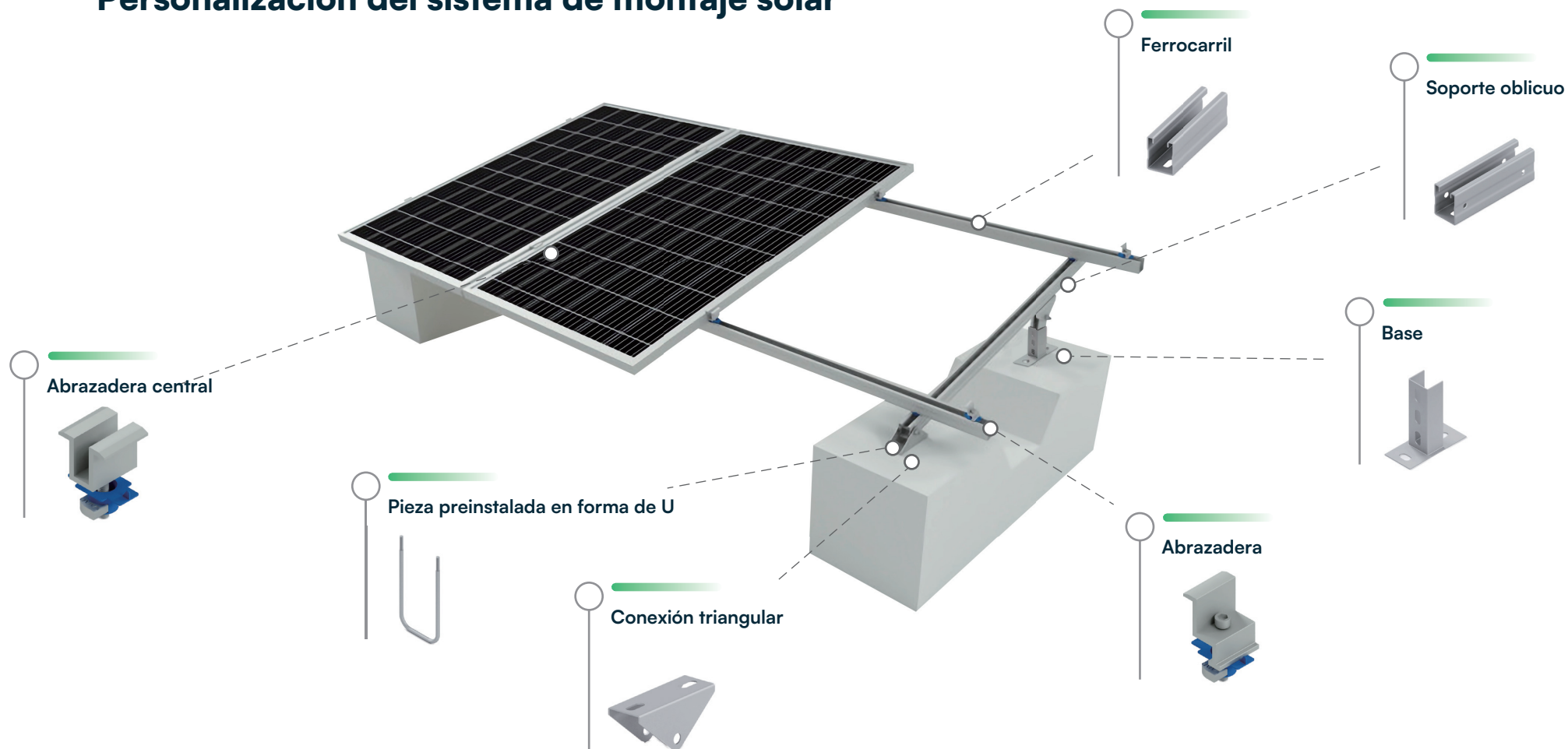
Paso 10

Finaliza la instalación.



MÉNSULAS DE HORMIGÓN PARA TEJADOS PLANOS

Personalización del sistema de montaje solar



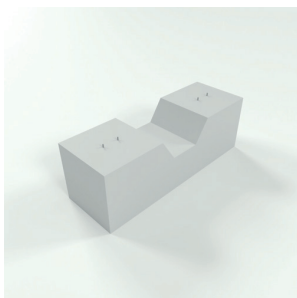
* La solución final se definirá en función de las condiciones del proyecto.

V-TAC CONCRET FLAT ROOF BRACKETS INSTALLATION MANUAL



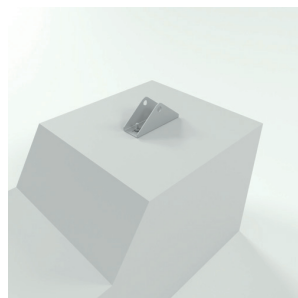
Paso 1

Preinstale las piezas en forma de U en el bloque de hormigón.



Paso 2

Instale la base y el triángulo.



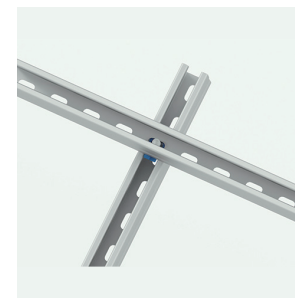
Paso 3

Instale la columna y el soporte oblicuo en la base.



Paso 4

Fijar los railes al triángulo con tornillos.



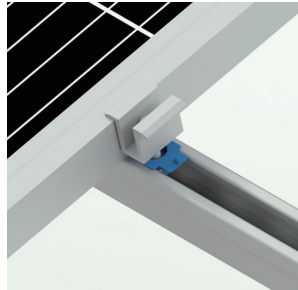
Paso 5

Conecta los railes con conexión.



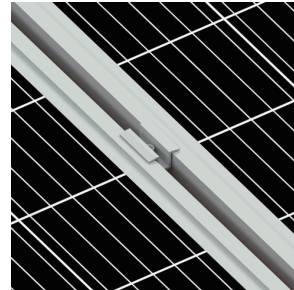
Paso 6

Fija los paneles solares a los railes con abrazaderas en los extremos.



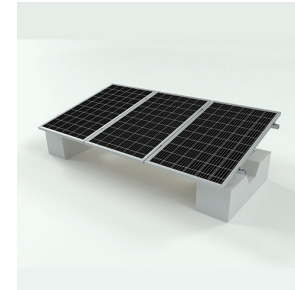
Paso 7

Fija dos paneles solares con abrazaderas intermedias.



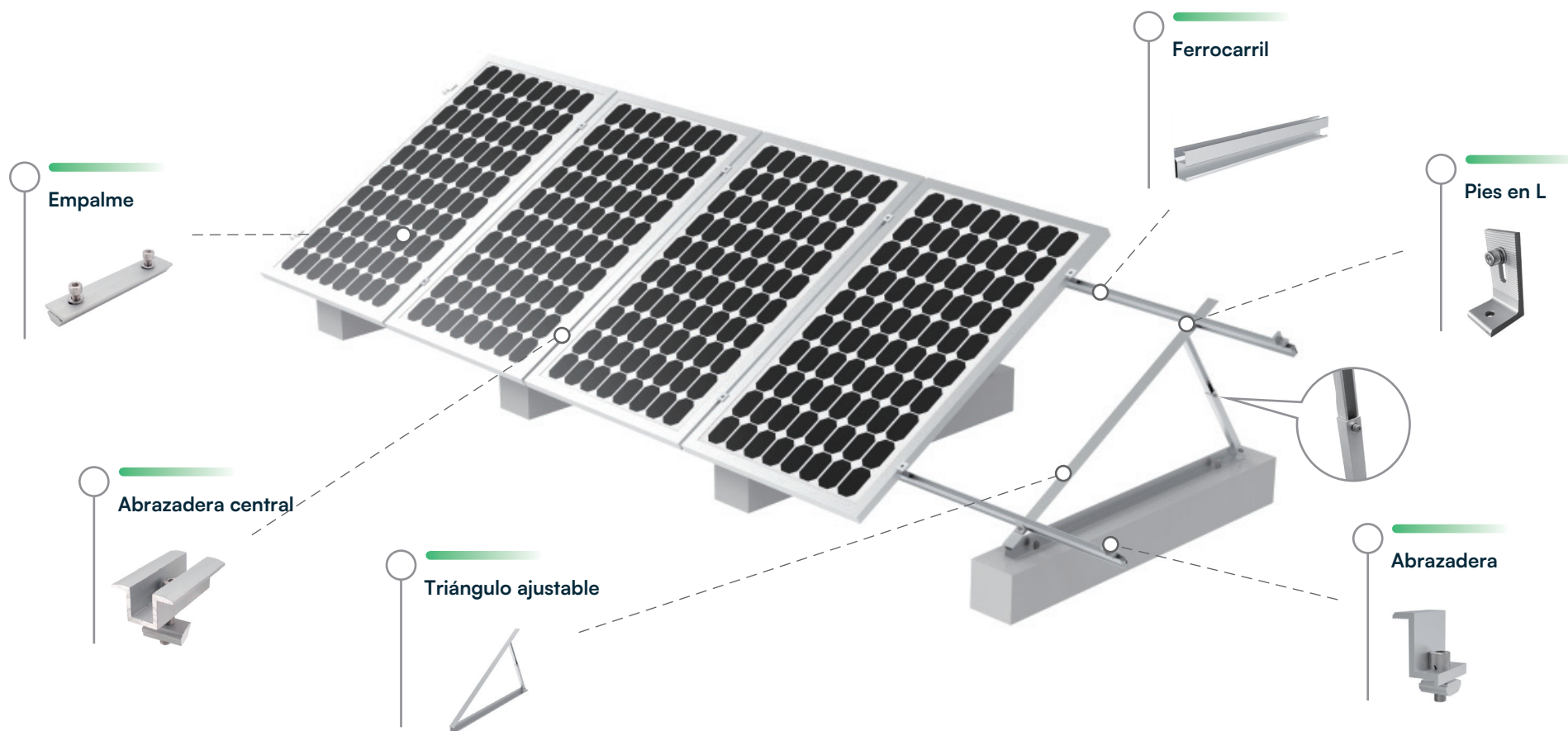
Paso 8

Finaliza la instalación.



SOPORTES TRIANGULARES AJUSTABLES PARA TEJADO PLANO

Personalización del sistema de montaje solar



* La solución final se definirá en función de las condiciones del proyecto.

SOPORTES TRIANGULARES AJUSTABLES PARA TEJADO PLANO V-TAC

MANUAL DE INSTALACIÓN



Paso 1

Despliegue el triángulo ajustable premontado, ajuste la longitud de la columna lateral de acuerdo con el ángulo de inclinación óptimo requerido y, a continuación, bloquee firmemente el perno;



Paso 2

Instale los rieles en el triángulo ajustable con el pie en L, bloquee el perno firmemente y asegúrese de que todos los rieles estén en el mismo nivel.



Paso 3

Unir los rieles con empalme.



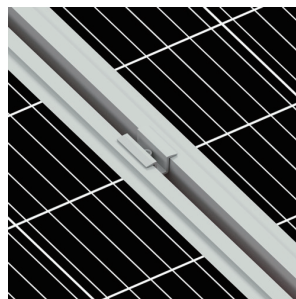
Paso 4

Fija los paneles solares a los rieles con abrazaderas en los extremos



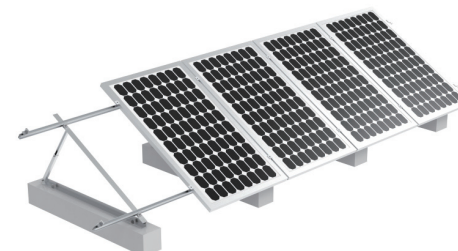
Paso 5

Fija dos paneles solares con abrazaderas intermedias.



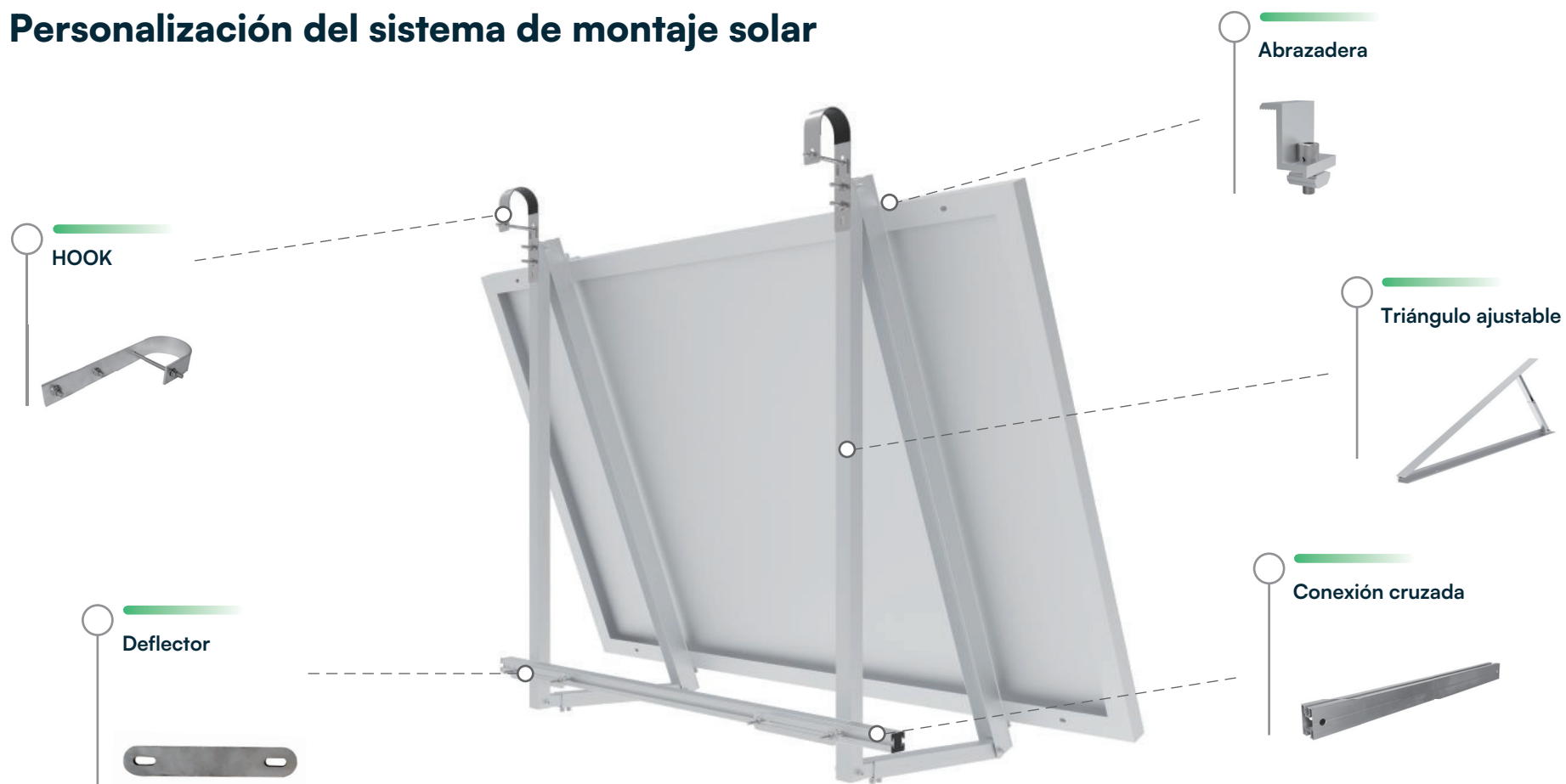
Paso 6

Finaliza la instalación.



SOPORTES AJUSTABLES PARA BALCONES

Personalización del sistema de montaje solar



* La solución final se definirá en función de las condiciones del proyecto.

SOPORTES DE BALCÓN AJUSTABLES V-TAC

MANUAL DE INSTALACIÓN



Paso 1

Despliegue el triángulo ajustable premontado, ajuste la longitud de la columna lateral en función del ángulo de inclinación óptimo deseado y, a continuación, bloquee firmemente el perno:



Paso 2

Fije los ganchos con tornillos.



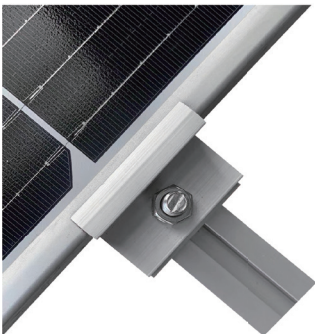
Paso 3

Unir dos triángulos con conexión cruzada



Paso 4

Fija los paneles solares a los triángulos con abrazaderas en los extremos



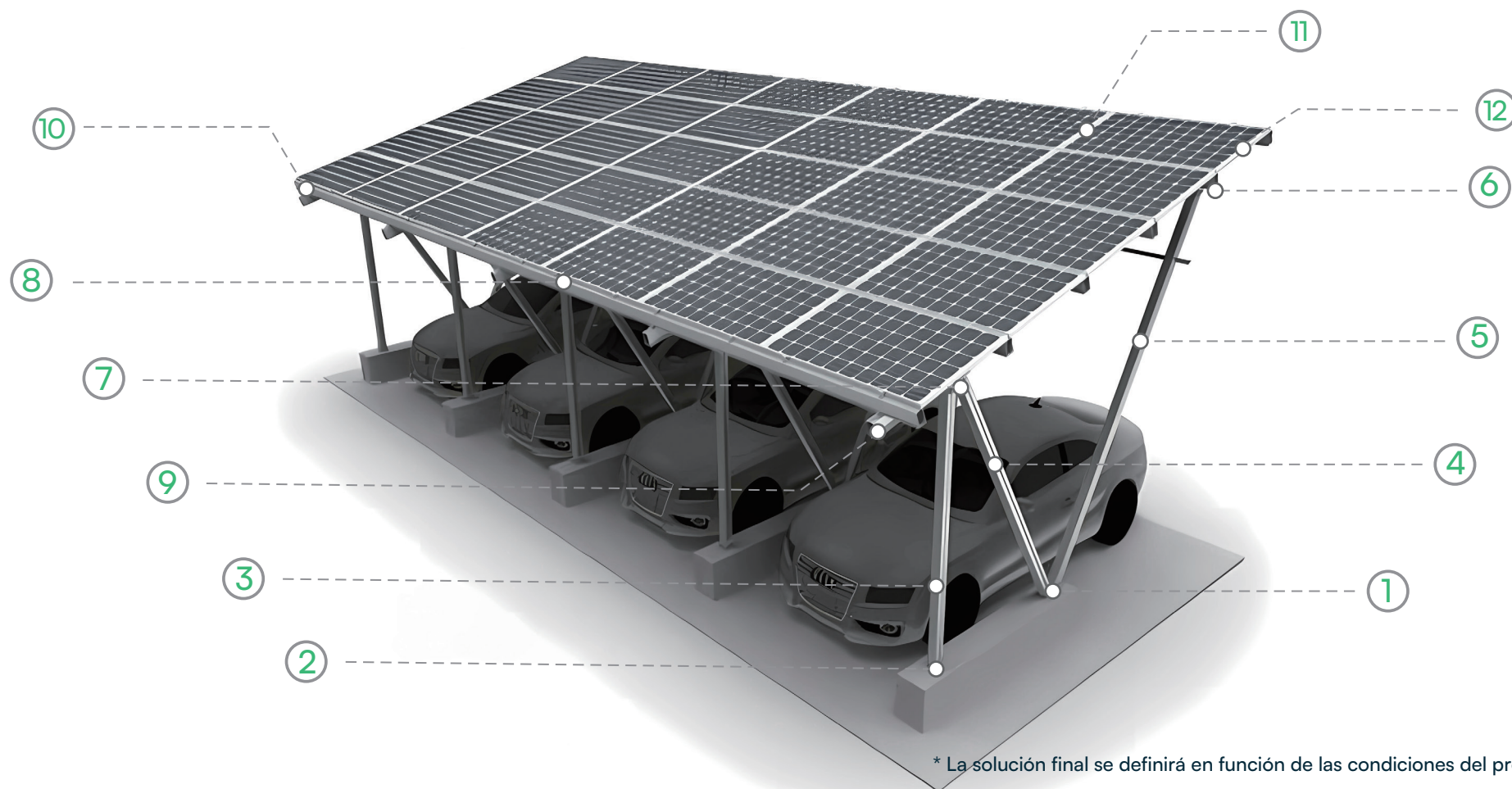
Paso 5

Finalice la instalación.



SOPORTES SOLARES PARA COCHERAS

Personalización del sistema de montaje solar



V-TAC ACCESORIOS DE SOPORTES SOLARES PARA COCHERAS



1

Base (300mm)



2

Base (200mm)



3

Tubo Carport (2500mm)



4

Carport Tube (3760mm)



5

Carport Tube (2950mm)



6

Chaqueta H (150mm)



7

Chaqueta H (220mm)



8

Barra transversal



9

Carport Stringer



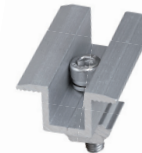
10

Kit de sujeción (35 mm)



11

Abrazadera media (35 mm)



12

Abrazadera de extremo (35 mm)

