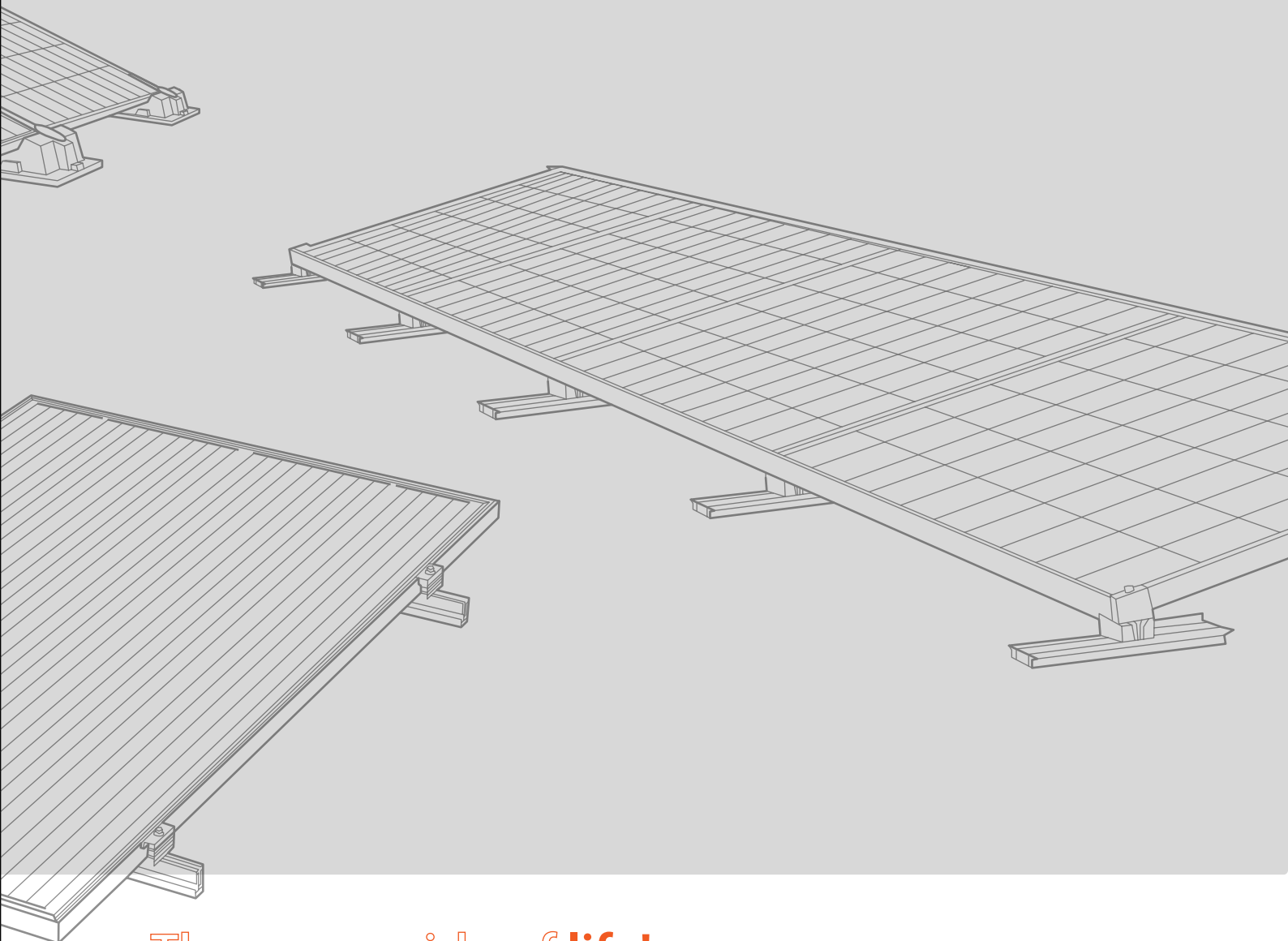


BISOL EasyMount™ Mounting Solutions



The **sunny** side of **life!**



BISOL EasyMount™ Mounting Solutions

When **BISOL's** designers were planning and constructing our **EasyMount™** mounting solutions, they visualised the hardworking installers setting up the solar plants.

Superior design consistently plays out with its simplicity, which first and foremost includes ease of installation and reducing installation time, but never overlooks the **carefully** selected, **high quality** materials for **long-term** performance, **one of a kind** durability and **impeccable** resistance even in the toughest weather conditions. To emphasise our strong conviction in mechanical strength of **EasyMount™**, all of them carry at least a **10-year product guarantee** or even more.

BISOL EasyMount™ smart mounting structures cover a solution for every roof type. Simply use the EasyTool project and design tool to plan your solar plant in detail with your wishes and needs in mind.

Choose your **EasyMount™** mounting solution according to your roof type

FOR FLAT ROOFS



FOR INCLINED ROOFS



— **BISOL EasyMount™** Slim BASE & Twin Slim BASE

— **BISOL EasyMount™** Robust BOLT

— **BISOL EasyMount™** Alpine TRIANGLE

— **BISOL EasyMount™** Quick RAIL

Available soon:

— **BISOL EasyMount™** Home HOOK

— New generation of **BISOL EasyMount™** Elegant HDPE

— **BISOL EasyMount™** Standing SEAM

— **BISOL** BIPV



DID YOU KNOW?

BISOL EasyMount™ is installed in more than **60 MW** of solar systems.

Do not hesitate to ask us anything about the **mounting solution you need:**

BISOL Group

🏠 Latkova vas 59a | 3312 Prebold | Slovenia

☎ +386 (0)3 703 22 50

✉ info@bisol.com

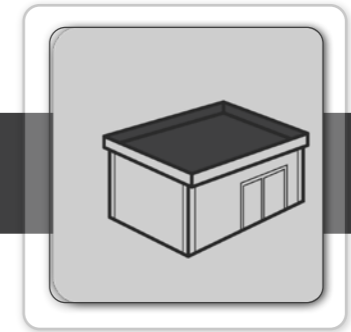
🌐 www.bisol.com

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The sunny side of life!



FLAT roofs



When drafting a PV system on your flat roof or any other horizontal surface, it is extremely important to have a variety of configuration and layout options to optimally exploit the space, which associates with maximizing performance and minimizing the material, costs and time needed for assembly. Pick one of the three **BISOL's reliable and flexible EasyMount™** mounting solutions for any residential, commercial or even industrial project.



BISOL EasyMount™
Slim BASE



BISOL EasyMount™
Slim BASE



BISOL EasyMount™
Elegant HDPE



BISOL EasyMount™
Elegant HDPE



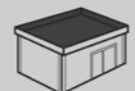
BISOL EasyMount™
Alpine TRIANGLE



BISOL EasyMount™
Alpine TRIANGLE

BISOL

BISOL EasyMount™ Slim BASE & Twin Slim BASE



Cost-effective & lightweight for hassle-free installations

Why this mounting solution?

- ▶ Optimised **design** = less **material** = lower **price**
- ▶ Optimised **packaging**: less **components** & no **cutting**
- ▶ **Easy** installation & adaptation
- ▶ High **wind** and **snow** load resistance
- ▶ **Certified** design and materials
- ▶ No **roof drainage** interference



This flat roof mounting solution portrays ease of mounting with high wind and snow resistance, together with an elegant look. The optimised packaging bundles ensure that all the components are ready for in-place install construction, with only basic mounting tools and no need for cutting. The system inclination is 10°, easily adopted to 20° or an east-west orientation by click snap-on elements.

0 – 2.4 kN/m²
(with BISOL PV modules)

0 – 150+ km/h
(93+ mph)

Individual components

Component	ID Code	Component description
1	SEK-BTP_1020	Bottom profile length 1020
2	SEK-BTP_1680	Bottom profile length 1680
3	SEK-BTP_2040	Bottom profile length 2040
4	SEK-ABFL_10	Alu Base Front leg 10
5	SEK-ABFL_20	Alu Base Front leg 20
6	SEK-ABBL_10	Alu Base Back leg 10
7	SEK-ABBA_20	Alu Base Back annex 20
8	EM-CLA.E_35S.2	Clamp end EasyMount™ 35 mm Direct*
9	EM-CLA.E_35B.2	Clamp end EasyMount™ Black 35 mm Direct*
10	EM-CLA.M_40S.2	Clamp middle EasyMount™ Direct**
11	EM-CLA.M_40B.2	Clamp middle EasyMount™ Black Direct**
12	SEK-PT_6_12	Screw self-tapping 6.0 x 12 mm PT
13	SEK-PT_6_45	Screw self-tapping 6.0 x 45 mm PT
14	SEK-PT_6_50	Screw self-tapping 6.0 x 50 mm PT
15	SEK-PT_6_55	Screw self-tapping 6.0 x 55 mm PT
16	SEK-PT_6_60	Screw self-tapping 6.0 x 60 mm PT
17	EM-WDE.10_175	Wind deflector, 10-degrees, length 175 cm
18	EM-WDE.10_210	Wind deflector, 10-degrees, length 210 cm
19	EM-WDE.10_217	Wind deflector, 10-degrees, length 217 cm
20	EM-WDE.20_175	Wind deflector, 20-degrees, length 175 cm
21	EM-WDE.20_210	Wind deflector, 20-degrees, length 210 cm
22	EM-WDE.20_217	Wind deflector, 20-degrees, length 217 cm
23	SEK-JF3_48_19	Screw self-drilling 4.8 x 19 mm JF3 - 2
24	SEK-PREPDM	EPDM protective rubber 300 mm
25	SEK-EMBP	Ballast pan EasyMount™, one-sided
26	SEK-LOAD_CP15	Load Concrete plate 40/40/3.8 cm (13.5 kg)
27	SEK-LOAD_CP36	Load Concrete plate 50/50/3.8 cm (21 kg)

*For colour and dimension options see Accessories, components 26–33.

**For colour and dimension options see Accessories, components 41–42.

Did you know?

▶ The system can be additionally upgraded with protective rubber mats which ensure that the roof is damage free.

System components

The rubber shields the roof membrane from penetrations during installation, thermal expansions, contractions and vibrations. Extra 8 mm rise absorbs the roof unevenness.

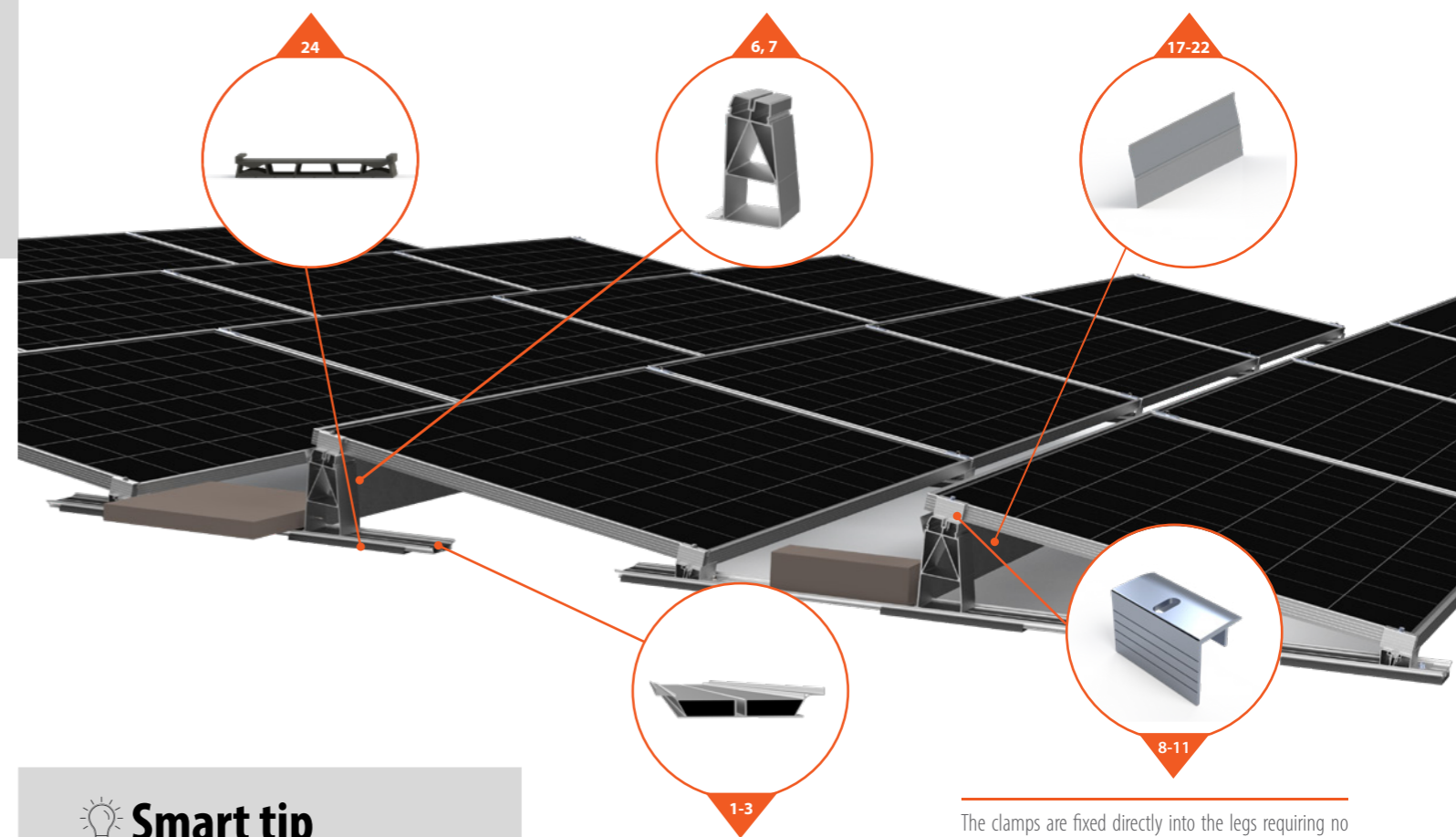
Back leg and snap-on annex enable high load-bearing capacities and easy adaptation to 20° or an east-west installation.

The wind deflectors improve the aerodynamics of the system resulting in less required additional ballast which lead to shorter labor times and reduced stress to the building.

- EM-WDE.10_175** Wind deflector 10, 175 cm
- EM-WDE.10_210** Wind deflector 10, 210 cm
- EM-WDE.10_217** Wind deflector 10, 217 cm
- EM-WDE.20_175** Wind deflector 20, 175 cm
- EM-WDE.20_210** Wind deflector 20, 210 cm
- EM-WDE.20_217** Wind deflector 20, 217 cm

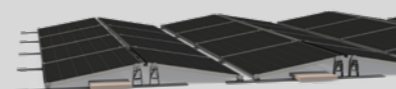
SEK-PREPDM EPDM protective rubber 300 mm

SEK-ABBL_10 ALU Base back leg 10
SEK-ABBA_20 ALU Base back annex 20



Smart tip

Use Twin Slim BASE for east-west orientation using the same universal components.



The bottom profiles have the load-bearing capacity to carry the entire system loads and safely transfer them to the roof surface.

SEK-BTP_1020 Bottom profile length 1020
SEK-BTP_1680 Bottom profile length 1680
SEK-BTP_2040 Bottom profile length 2040

The clamps are fixed directly into the legs requiring no end nut due to its self-tapping design. They can only get untwined with a tool so they offer long-term safety and stability.

- EM-CLA.E_35S.2** Clamp end EasyMount™ 35 mm Direct
- EM-CLA.E_35B.2** Clamp end EasyMount™ Black 35 mm Direct
- EM-CLA.M_40S.2** Clamp middle EasyMount™ Direct
- EM-CLA.M_40B.2** Clamp middle EasyMount™ Black Direct



Fits most PV modules



Adjustable distance between rows



Cost-effective solution



South-facing or east-west orientation



10-year product guarantee

BISOL

BISOL EasyMount™ Alpine TRIANGLE



Customisable additional inclination solution for extreme weather

This mounting system fits perfectly on flat or pitched roofs with larger spans of the roof bearing structure, and is strong enough to fight heavy wind and snow conditions. On flat roofs, it is simply set up without drilling into the roof. For outstanding stability on pitched roofs, it is mounted into the roof structure with hanger bolts preassembled on the A-frame to reduce installation time.



Excellent snow load resistance



Suitable for high wind zones

Why this mounting solution?

- ▶ Extra stability in combination with hanger bolts
- ▶ Suitable for extreme wind & snow conditions
- ▶ Time saving: preassembled A-frame connections
- ▶ Very versatile
- ▶ No roof penetration option
- ▶ Many incline angles



Individual components

	Component	ID Code	Component description	Price/piece	Pieces/package
1		SEKP-EMTAL_125	EasyMount™™ ALU Triangular 125	33.03 €	1
2		SEKP-EMTAL_200	EasyMount™™ ALU Triangular 200	34.42 €	1
3		SEKP-EMTAL_300	EasyMount™™ ALU Triangular 300	35.81 €	1
4		SEK-48_27_5400	EasyMount™™ 48 x 27 x 5400 mm	46.38 €	1
5		SEK-EMRL80	EasyMount™™ ALU Rail 80 x 5850 mm	44.03 €	1
6		SEK-EMRL80U_6000	EasyMount™™ ALU Rail 80 x 30 x 6000 mm, without holes	45.38 €	10
7		SEKP-EMC48	Connector set for EasyMount™™ 48 x 27	2.52 €	10
8		SEKP-EMC48_M	Connector set for EasyMount™™ 48 x 27, Magnelis	4.18 €	10
9		SEKP-EMCRL80	Connector set for EasyMount™™ Rail 80	3.85 €	10
10		EM-CLA.EA35S.2	Clamp end EasyMount™™ 35 mm Direct, assembled*	1.38 €	10
11		EM-CLA.MA35S.2	Clamp middle EasyMount™™ 35 mm Direct, assembled**	1.32 €	10
12		SEK-HHS_10_25	Screw hammerhead M10 x25 A2-70	0.36 €	10
13		SEK-DIN6923_10	Nut M10 flange A2-70	0.18 €	10
14		SEK-EMT_BPNRL	Ballast pan EasyMount™™ for ALU Rail 80, double-sided	8.99 €	10
15		SEK-LOAD_CP15	Load Concrete plate 40/40/3.8 cm (13.5 kg)	3.51 €	10
16		EM-WDE.10_175	Wind deflector, 10-degrees, length 175 cm	8.92 €	1
17		EM-WDE.10_210	Wind deflector, 10-degrees, length 210 cm	11.33 €	1
18		EM-WDE.10_217	Wind deflector, 10-degrees, length 217 cm	11.29 €	1
19		EM-WDE.20_175	Wind deflector, 20-degrees, length 175 cm	16.72 €	1
20		EM-WDE.20_210	Wind deflector, 20-degrees, length 210 cm	22.60 €	1
21		EM-WDE.20_217	Wind deflector, 20-degrees, length 217 cm	22.11 €	1
22		SEK-JF3_48_19	Screw self-drilling 4.8 x 19 mm JF3 - 2	0.35 €	100

*For colour and dimension options see Accessories, components 19–25.

**For colour and dimension options see Accessories, components 34–40.

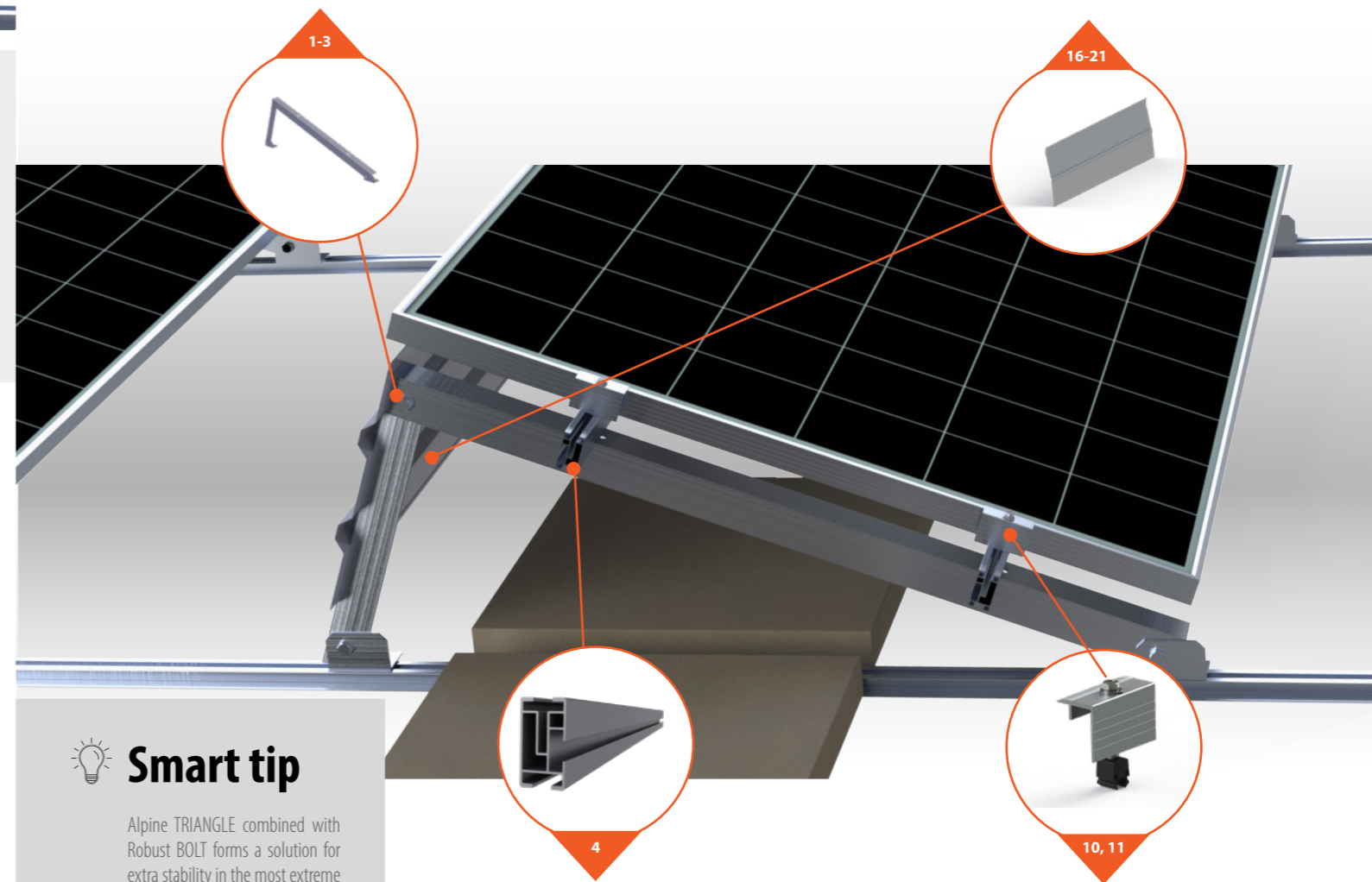
System components

The main frames offer stiffness and stability even under extreme snow and wind conditions. They are available in 3 standard inclination angles and can be adapted to custom inclinations or portrait orientation.

SEKP-EMTAL_125	EasyMount™™ ALU Triangular 125
SEKP-EMTAL_200	EasyMount™™ ALU Triangular 200
SEKP-EMTAL_300	EasyMount™™ ALU Triangular 300

The wind deflectors improve the aerodynamics of the system resulting in less required additional ballast which lead to shorter labor times and reduced stress to the building.

EM-WDE.10_175	Wind deflector 10, 175 cm
EM-WDE.10_210	Wind deflector 10, 210 cm
EM-WDE.10_217	Wind deflector 10, 217 cm
EM-WDE.20_175	Wind deflector 20, 175 cm
EM-WDE.20_210	Wind deflector 20, 210 cm
EM-WDE.20_217	Wind deflector 20, 217 cm



Smart tip

Alpine TRIANGLE combined with Robust BOLT forms a solution for extra stability in the most extreme weather even on inclined roofs.



With or without roof penetration

Extreme weather conditions

Project and design tools available

Lightweight layout option

Various incline angles

10-year product guarantee

EasyMount™ 48 profile is a highly optimised shape that connects the main frames in the orthogonal direction. The profile includes 3 channels with one of them being direct clamp mount system compatible.

SEK-48_27_5400 EasyMount™™ 48 x 27 x 5400 mm

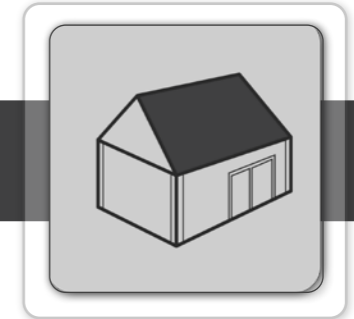
The clamps are fixed directly into the legs and do not require an end nut due to its self-tapping design. Because of this feature, the clamp can only get untwined with a tool so it offers long term safety and stability.

EM-CLA.EA35S.2 Clamp end EasyMount™™ 35 mm Direct, assembled

EM-CLA.MA35S.2 Clamp end EasyMount™™ 35 mm Direct, assembled



INCLINED roofs



The denominator of **BISOL's inclined roofs EasyMount™** mounting solutions are the simplicity to save your precious time, the durability to resist the most demanding weather conditions, and the adjustability to match your specific desires. You can choose from the selection of our four pitched-roof installation systems to match your needs building a solar power plant on your tile coverings, corrugated roofs, trapezoidal metal sheet roofs or any other steel, wooden or even concrete structures.



BISOL BIPV



BISOL BIPV



BISOL EasyMount™
Robust BOLT



BISOL EasyMount™
Robust BOLT



BISOL EasyMount™
Home HOOK



BISOL EasyMount™
Quick RAIL

BISOL

BISOL EasyMount™ Robust BOLT



High-load capacity for all types of corrugated roofs

This functional solution for any trapezoidal and corrugated pitched roofs is customised for your individual needs, depending on spans and materials of the roof carrying structure.



0 – 2.4 kN/m²
(with BISOL PV modules)



0 – 150+ km/h
(93+ mph)

Why this mounting solution?

- ▶ Suitable for **steel, wooden** or **concrete** roof structures
- ▶ Suitable for **all types** of corrugated roofs
- ▶ Any roof **inclination**
- ▶ **Lightweight**, but **rigid**



Individual components

	Component	ID Code	Component description
1		SEK-48_27_5400	EasyMount™ 48 x 27 x 5400 mm
2		SEK-48_27_2200	EasyMount™ 48 x 27 x 2200 mm
3		SEK-48_27_2200_B	EasyMount™ 48 x 27 x 2200 mm, Black
4		SEKP-EMC48	Connector set for EasyMount™ 48 x 27 mm
5		SEKP-EMC48_M	Connector set for EasyMount 48 x 27, Magnelis
6		EM-CLA.EA35S.2	Clamp end EasyMount™ 35 mm Direct, assembled*
7		EM-CLA.MA35S.2	Clamp middle EasyMount™ 35 mm Direct, assembled**
8		SEK-HHS_10_25	Screw hammerhead M10 x 25 A2-70
9		SEK-DIN6923_10	Nut M10 flange A2-70
*For colour and dimension options see Accessories, components 19–25. **For colour and dimension options see Accessories, components 34–40.			
10		SEK-HST80_13650	Hanger bolt, steel, fi 8.0 x 80/50 mm, trapezoid
11		SEK-HST80_15650	Hanger bolt, steel, fi 8.0 x 100/50 mm, trapezoid
12		SEK-HST80_20170	Hanger bolt, steel, fi 8.0 x 125/70 mm, trapezoid
13		SEK-P82405_11	Adapter sheet 82 x 40 x 5, fi 11
14		SEK-HW100_200	Hanger bolt, wood, fi 10 x 200 mm, preassembled
15		SEK-HW100_250	Hanger bolt, wood, fi 10 x 250 mm, preassembled
16		SEK-HW100_300	Hanger bolt, wood, fi 10 x 300 mm, preassembled
17		SEK-HW120_200	Hanger bolt, wood, fi 12 x 200 mm, preassembled
18		SEK-HW120_300	Hanger bolt, wood, fi 12 x 300 mm, preassembled

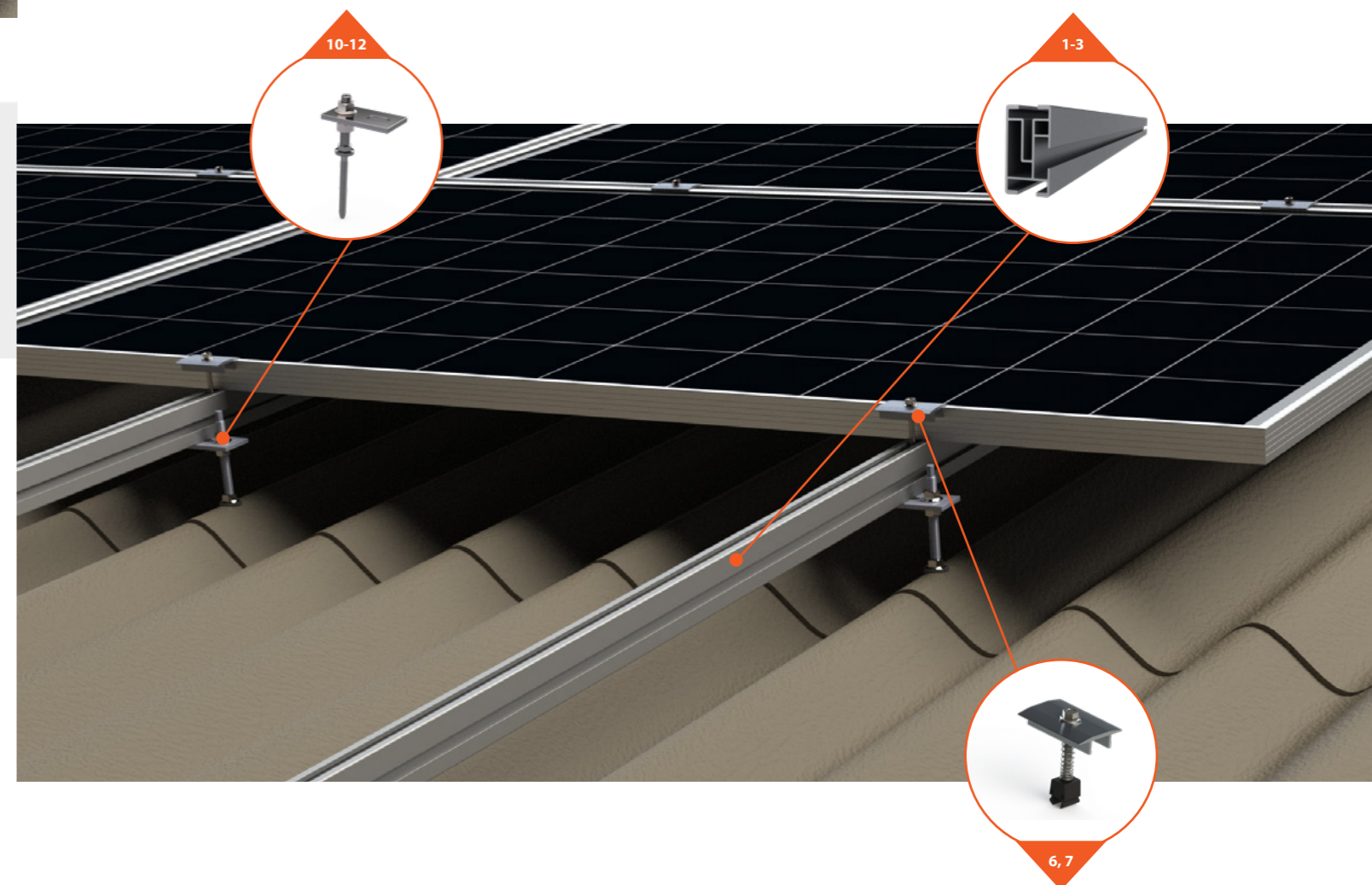
System components

The hanger bolts can be attached to any type of roof substructure (wood, steel) no matter the thickness of the roof cover layer. This connection represents a long-term watertight bond with high wind and snow load resistance.

EasyMount™ 48 profile is a highly optimised shape that connects the main frames in the orthogonal direction. The profile includes 3 channels with one of them being direct clamp mount system compatible.

SEK-48_27_2200 EasyMount™ 48 x 27 x 2200 mm
SEK-48_27_5400 EasyMount™ 48 x 27 x 5400 mm
SEK-48_27_2200_B EasyMount™ 48 x 27 x 5400 mm, black

Hanger Bolt



Smart tip

Robust BOLT is compatible with Alpine TRIANGLE, a versatile solution primarily designed for flat roofs, to form even more stability on your pitched roofing.

The clamps are fixed directly into rails and do not require an end nut due to its self-tapping design. Because of this feature the clamp can only get untwined with a tool so it offers long term safety and stability.

EM-CLA.EA35S.2 Clamp end EasyMount™ 35 mm Direct, assembled

EM-CLA.MA35S.2 Clamp middle EasyMount™ 35 mm Direct, assembled



Watertight connection



Versatile solution



Project and design tools available



Rigid materials



Adjustable in height



10-year product guarantee

BISOL

BISOL EasyMount™ Quick RAIL



Universal & flexible for trapezoidal metal sheets

Design of this ultimate mounting solution allows it to be installed on most types of trapezoidal metal sheet roofs – no matter the span between the trapezoidal waves or metal sheet thickness and material. Installation requires no cutting or drilling that could produce metal swarf and potentially damage the roof. Short rails are easy to handle and reduce the installation time by 30% compared to the industry standard.

0 – 5.4 kN/m²
(with BISOL PV modules)

0 – 170+ km/h
(93+ mph)

Why this mounting solution?

- ▶ Short installation time
- ▶ Suitable for **lower metal sheet thicknesses**
- ▶ One **universal** solution
- ▶ High **wind** and **snow** resistance
- ▶ No on-site **cutting**, no **swarf**
- ▶ Only **4 parts**



Individual components

	Component	ID Code	Component description	Price/piece	Pieces/package
1		SEK-EMRL80U_370	EasyMount™ ALU Rail 80 x 370 mm Universal	3.45 €	1
2		SEK-EPDMR_80_30	EPDM rubber insert 3 mm self-adhesive, L = 30 mm W = 80 mm	0.11 €	10
3		SEK-JF3_55_25	Screw self-drilling 5.5 x 25 mm JF3 - 2	0.46 €	100
4		SEK-JF3_55_35	Screw self-drilling 5.5 x 35 mm JF3 - 2	0.46 €	100
5		EM-CLA.EA35S.2	Clamp end EasyMount™ 35 mm Direct, assembled*	1.38 €	10
6		EM-CLA.MA35S.2	Clamp middle EasyMount™ 35 mm Direct, assembled**	1.32 €	10

*For colour and dimension options see Accessories, components 19–25.

**For colour and dimension options see Accessories, components 34–40.

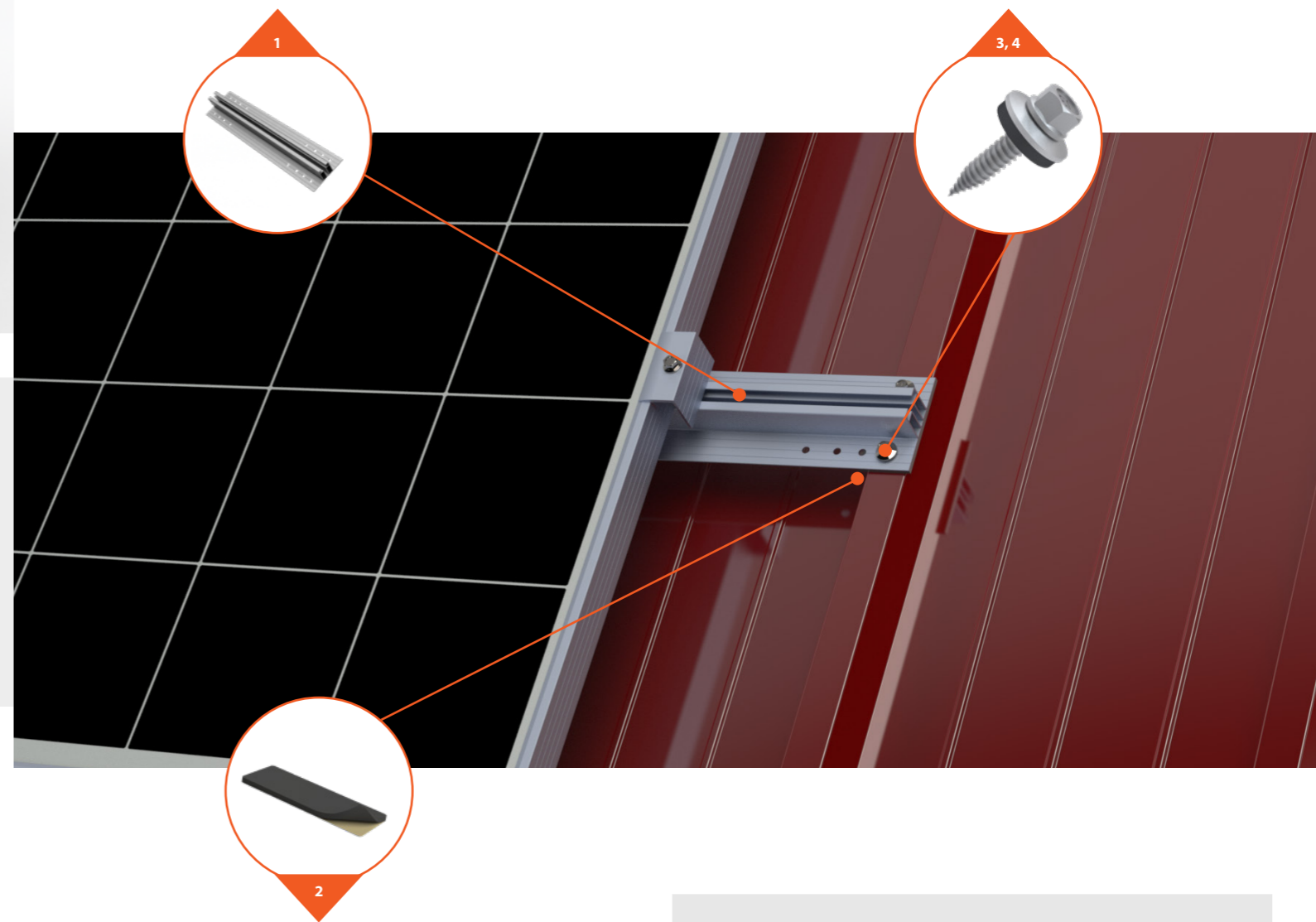
System components

The universal rail fits most trapezoidal sheets, requires no cutting or drilling and ensures proper ventilation due to extra height clearance.

SEK-EMRL80U_370
EasyMount™ ALU Rail 80 x 370 mm Universal

The screws offer high stability even at lower sheet thicknesses without metal swarf. With an extra thick EPDM rubber they protect from additional leakage and offer a free spin zone at the top.

SEK-JF3_55_25
Screw self-drilling 5,5 x 25 mm JF3-2



The self-adhesive rubber strips are cut on size and offer leakage protection between the aluminium rail and the roof metal sheet.

SEK-EPDMR_80_30
EPDM rubber insert 3 mm self-adhesive, L = 30 mm W = 80 mm

Did you know?

- ▶ If you are unsure whether your roof cover is suitable for the system, contact our sales team. We can prepare a static check of your individual system based on relevant European norms.



Fits most trapezoidal metal sheets



Cost-effective solution



No swarf



Improved ventilation



10-year product guarantee



ETA Certificate

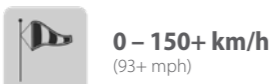
BISOL

BISOL EasyMount™ Home HOOK



Simple, rigid & safe structure for most types of tiled roofs

This precisely designed solution was made with simplicity and long term rigidity in mind. The hook can be used with most types of roof tiles and can rise and slide adjusted to smoothly fit on different roof battens heights and tile shapes. Its exceptional load carrying capacity and usage of high-grade materials ensure that the installation offers stability and longevity even under extreme weather conditions.



Why this mounting solution?

- ▶ **Adjustable on multiple points**
- ▶ Cost effective: number of hooks can be **adjusted to fit** the project's needs
- ▶ **High-grade non-corrosive** materials
- ▶ Suitable for **most types** of tiled roofs
- ▶ **Exceptional** load-carrying capacity



Individual components

	Component	ID Code	Component description
1		EM-H00.AT.1	Hook AI triple adjustable, V1*
2		EM-H00.SD6.1	Hook steel double adjustable, 6 mm, V1*
3		SEK-W65_100	Screw wood 6.5 x 100 mm EPDM
4		SEK-48_27_5400	EasyMount™ 48 x 27 x 5400 mm
5		SEK-48_27_2200	EasyMount™ 48 x 27 x 2200 mm
6		SEK-48_27_2200_B	EasyMount 48 x 27 x 2200 mm, Black
7		SEKP-EMC48	Connector set for EasyMount™ 48 x 27 mm
8		SEKP-EMC48_M	Connector set for EasyMount 48 x 27, Magnelis
9		EM-CLA.EA35S.2	Clamp end EasyMount™ 35 mm Direct, assembled**
10		EM-CLA.MA35S.2	Clamp middle EasyMount™ 35 mm Direct, assembled***
11		SEK-HHS_10_25	Screw hammerhead M10 x 25 A2-70
12		SEK-DIN6923_10	Nut M10 flange A2-70

*There are different kinds of hooks adjusted to your roof type. See Accessories, components 1–7.

**For colour and dimension options see Accessories, components 19–25.

***For colour and dimension options see Accessories, components 34–40.

System components

The clamps are fixed directly into rails and do not require end nuts due to their self-tapping design. Consequently, the clamp can only get untwined with a tool to offer long-term safety and stability.

EM-CLA.EA35S.2 Clamp end EasyMount™ 35 mm Direct, assembled

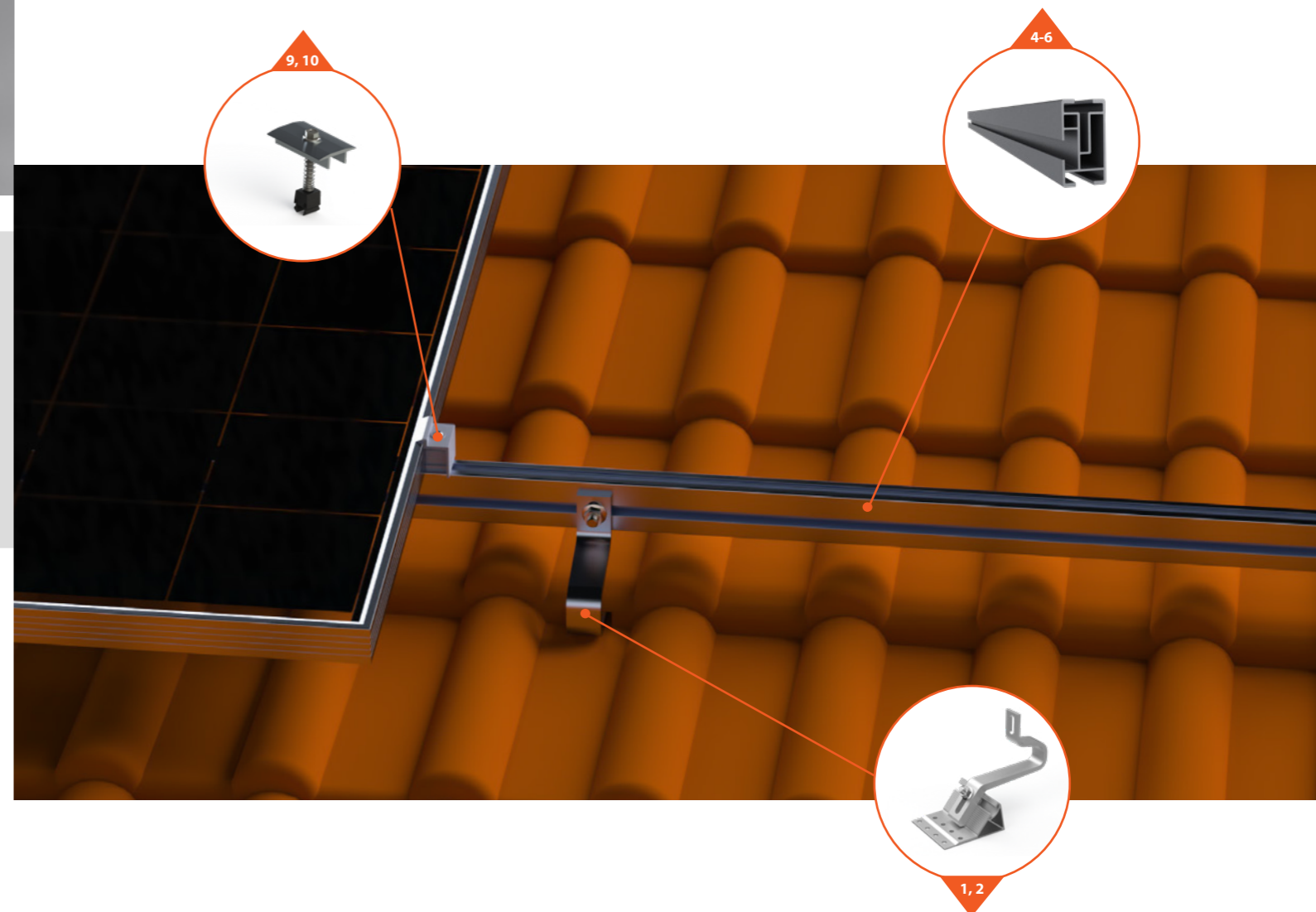
EM-CLA.MA35S.2 Clamp middle EasyMount™ 35 mm Direct, assembled

The profile is in the highly optimised shape that connects the main frames in the orthogonal direction. The profile includes 3 channels, with one of them being mounting system compatible direct clamp.

SEK-48_27_2200 EasyMount™ 48 x 27 x 2200 mm

SEK-48_27_5400 EasyMount™ 48 x 27 x 5400 mm

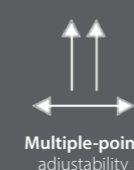
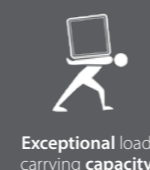
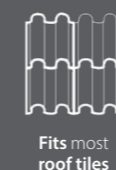
SEK-48_27_2200_B EasyMount™ 48 x 27 x 5400 mm, black



The adjustable hook is a universal solution that will fit most of the tile covered roofs.

EM-H00.AT.1 Hook AI triple adjustable, V1

EM-H00.SD6.1 Hook steel double adjustable, 6 mm, V1



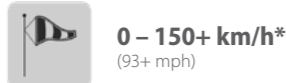
BISOL

BISOL EasyMount™ Standing SEAM



Easy-to-handle solution for standing seam roof

It has never been easier to mount a solar system on your standing seam metal roofing. Installed exceptionally quickly and easily, BISOL EasyMount™ Standing SEAM will leave the roofing intact without any drilling, minimally loading the roof. The preassembled clamp for standing seam will simplify the installation even further.



*Depends on specific project. More info available on demand.

Why this mounting solution?

- ▶ **Time-saving** and **easy** installation
- ▶ Roofing intact **without drilling**
- ▶ **Minimal roof loading**
- ▶ **Preassembled** components for **simple installation**



Individual components

	Component	ID Code	Component description
1		EM-CLA.MSS.1	Clamp for standing seam
2		SEK-48_27_5400	EasyMount™ 48 x 27 x 5400 mm
3		SEK-48_27_2200	EasyMount™ 48 x 27 x 2200 mm
4		SEK-48_27_2200_B	EasyMount 48 x 27 x 2200 mm, Black
5		SEKP-EMC48	Connector set for EasyMount™ 48 x 27 mm
6		EM-CLA.EA35S.2	Clamp end EasyMount™ 35 mm Direct, assembled*
7		EM-CLA.MA35S.2	Clamp middle EasyMount™ 35 mm Direct, assembled**
8		SEK-HHS_10_25	Screw hammerhead M10 x 25 A2-70
9		SEK-DIN6923_10	Nut M10 flange A2-70
10		SEK-EMLC	Connector L EasyMount™

*For colour and dimension options see Accessories, components 19–25.

**For colour and dimension options see Accessories, components 34–40.

System components

The clamps are fixed directly into rails and do not require end nuts due to their self-tapping design. Consequently, the clamp can only get untwined with a tool to offer long-term safety and stability.

EM-CLA.EA35S.2 Clamp end EasyMount™ 35 mm Direct, assembled

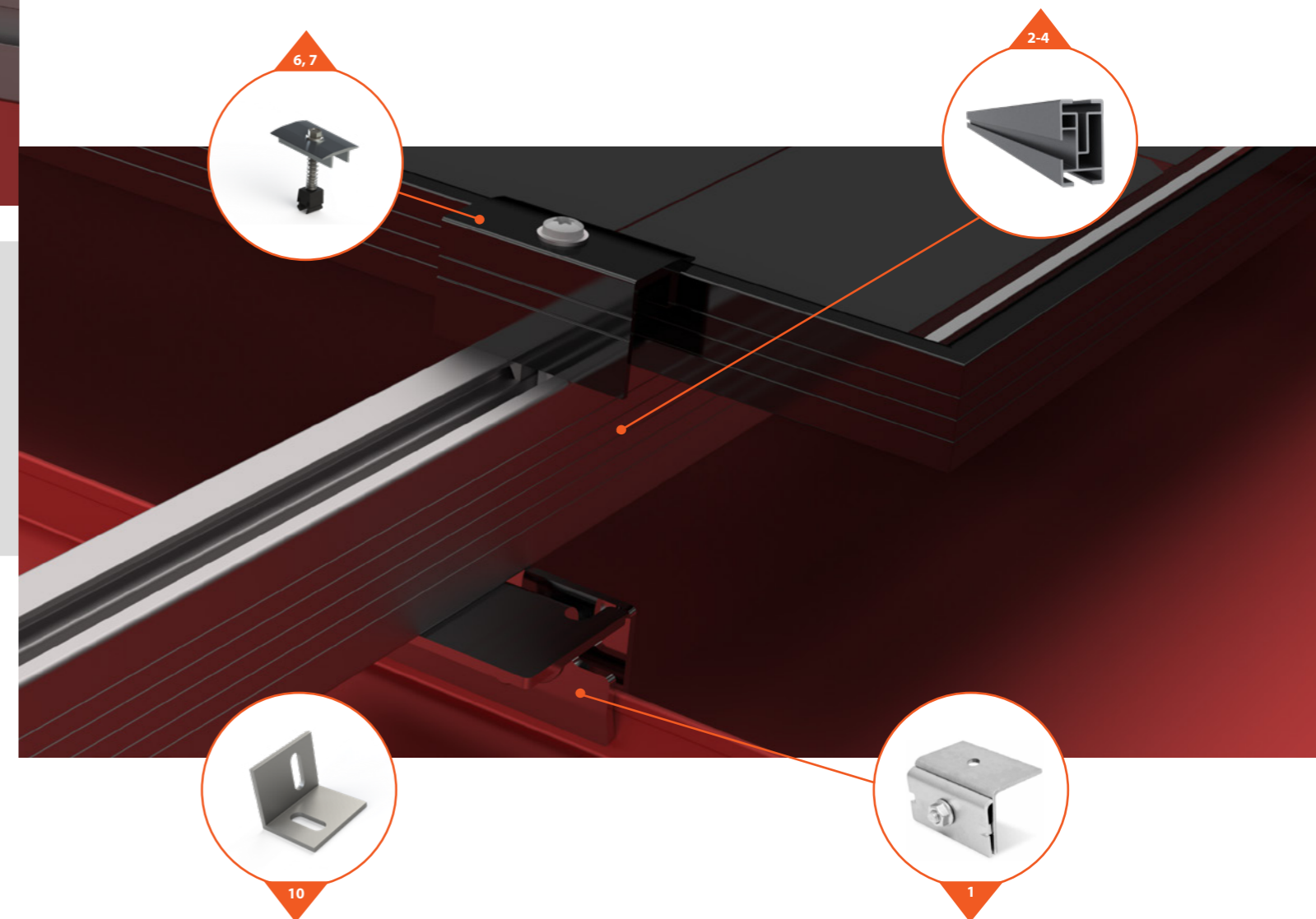
EM-CLA.MA35S.2 Clamp middle EasyMount™ 35 mm Direct, assembled

The profile is in the highly optimised shape that connects the main frames in the orthogonal direction. The profile includes 3 channels, with one of them being mounting system compatible direct clamp.

SEK-48_27_2200 EasyMount™ 48 x 27 x 2200 mm

SEK-48_27_5400 EasyMount™ 48 x 27 x 5400 mm

SEK-48_27_2200_B EasyMount™ 48 x 27 x 2200 mm, black



The connector further expands the usability of the solution. It is used with profile mesh installation option which allows changing the module's orientation, or it can be used to even further extend the height of the structure above the roof surface.

SEK-EMLC Connector L EasyMount™

The Standing Seam Clamp comes preassembled, which will simplify your installation even further

EM-CLA.MSS.1 Clamp for standing seam



No drilling



Time-saving



Extremely simple montage



Lightweight



10-year product guarantee

BISOL

BISOL BIPV



Aesthetic in-roof system that replaces conventional tiles

BISOL BIPV in-roof system is a building integrated photovoltaic solution that seamlessly integrates into your existing or new roof. The system forms a watertight solar power generating roof surface and thus removes the need for traditional roof tiles. An assortment of colours for the system components as well as the BISOL PV modules forms a sleek and luxurious appearance to satisfy desires of the most demanding and detail-oriented customer.



Excellent snow load resistance



Suitable for high wind zones

Why this mounting solution?

- ▶ Elegant and aesthetic
- ▶ Easy installation and servicing
- ▶ For 10 – 70° roof pitches
- ▶ No need for roof cover
- ▶ Ventilated substructure



Individual components

	Component	ID Code	Component description
1		EM-BIPV.SOL.001	Clamp Solrif® top long (Top mounting clamp for flat sheet metal connections, without screws)
2		EM-BIPV.SOL.002	Clamp Solrif® glass (Mounting clamp glass stainless spring steel, black, without screws)
3		EM-BIPV.SOL.003	Clamp Solrif® black (Mounting clamp profile stainless spring steel, black, without screws)
4		EM-BIPV.SOL.004	Profile Solrif® foam (Valley sealing strip 1000x30x40 / Solrif® foam)
5		EM-BIPV.SOL.005	Fixing for flashing Solrif® / 20x10x37 mm
6		EM-BIPV.SOL.006	Nail DIN1160 2,5x25 (Roofing nail DIN1160 hot-dip galvanised 2.5x25 mm)
7		EM-BIPV.SOL.007	Top flashing joiner, black, 133x23x342 mm
8		EM-BIPV.SOL.008	Flashing corner left, black, 210x41x342 mm
9		EM-BIPV.SOL.009	Flashing corner right, black, 210x41x342 mm
10		EM-BIPV.SOL.010	Foil Solrif® alu-bit 300 mmx5 m, black, (Connecting sheet Alu Strech 300 mmx5 m)
11		EM-BIPV.SOL.011	Mounting clamp glass stainless spring steel, silver, without screws, sea water resistant
12		EM-BIPV.SOL.012	Pan-head screw A2 Torx T20x4'5x3.5 mm
13		EM-BIPV.SOL.013	Mounting clamp profile stainless spring steel, silver, without screws, sea water resistant
14		EM-BIPV.SOL.014	Mounting gauge (WxHxL; (module width + 24)x14x69 mm)
15		EM-BIPV.SOL.015	Aluminium flashing top M10 (21x341x1720 mm), black
16		EM-BIPV.SOL.016	Aluminium flashing side left M10 (120x35.3x1268 mm), black
17		EM-BIPV.SOL.017	Aluminium flashing side right M10 (120x35.3x1268 mm), black
18		EM-BIPV.SOL.018	Aluminium flashing profile standard left M10 (34.5x24.5x1160 mm), black
19		EM-BIPV.SOL.019	Aluminium flashing profile standard right M10 (34.5x24.5x1160 mm), black
20		EM-BIPV.SOL.020	Aluminium flashing corner inner left (203x41.5x332 mm), black
21		EM-BIPV.SOL.021	Aluminium flashing corner inner right (203x41.5x332 mm), black
22		EM-BIPV.SOL.022	Aluminium flashing side inner left M10 (147x34x1268 mm), black
23		EM-BIPV.SOL.023	Aluminium flashing side inner right M10 (149x40x1268 mm), black
24		EM-BIPV.SOL.024	Aluminium flashing top inner short M10 (21x341x1566 mm), black
25		EM-BIPV.SOL.025	Aluminium flashing side inner short left M10 (120x35.3x1068 mm), black
26		EM-BIPV.SOL.026	Aluminium flashing side inner short right M10 (120x35.3x1068 mm), black
27		EM-BIPV.SOL.027	Eaves profile - 31x16x1200 mm
28		EM-BIPV.SOL.028	Profile fixing for eaves profile - 30x14x69 mm

Did you know?

▶ Flashings are not required if the photovoltaic installation extends to the roof edge on any side of the PV array.

System components

Aluminium flashings

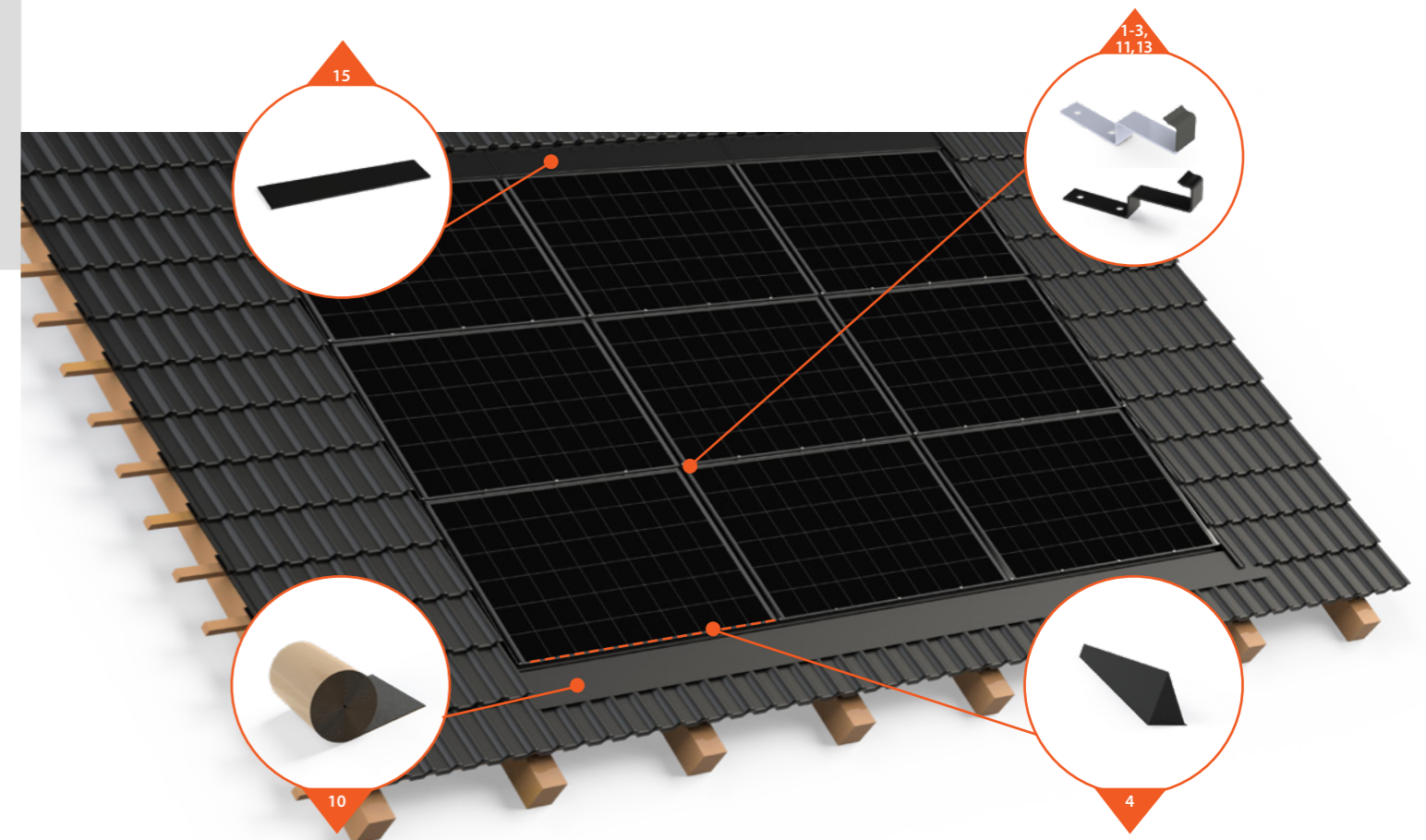
These fit-to-size prefabricated flashings, available in a variety of colours, form a watertight connection between BISOL BIPV system and the conventional roof tiles. The click-in flashings are ready to install without any adjustments to the flashing on field.

EM-BIPV.SOL.015 Top flashing 21 x 341 mm

Module clamps

The module clamps hold the BIPV module in place and provide stability and security during extreme snow and wind conditions. The design of the clamps allows service removing and installing a PV module on any position of the array without removing any of the contacting modules.

Clamp Solrif® glass
Clamp Solrif® silver
Clamp Solrif® black



The foil is a highly robust and weather resistant self-adhesive foil which is used to seamlessly drain roof water from the PV modules to the bottom of the PV array. The foil is not required on PV arrays that reach to the bottom of the roof as the roof water is guided directly into the gutter.

EM-BIPV.SOL.010 Connecting sheet Alu Stretch 300 mm x 5 m

The profile Solrif® foam is installed on the bottom of the installation and it helps to seal the small gaps that may occur between the wooden batten and the PV module. In case of larger height tiles the foam can also be installed on the side flashings.

EM-BIPV.SOL.004 Valley sealing strip 1000 x 30 x 40 mm / Solrif® foam



Aesthetic and elegant



No roof tiles needed



Simple installation & servicing



Extreme weather conditions



Various incline angles



Lightweight



10-year product guarantee



BISOL EasyMount™ Accessories

In BISOL Group, we are aware of the fact that every project carries its own story, so it is crucial to be able to offer flexibility and choice for every customer. We understand that at installation, losing a small component can happen, having the spare parts at your fingertips is much handier, and protecting your roof is a must. Take a look at the assortment of BISOL EasyMount™ Accessories, which will alter your installing into an easier, faster and safer experience.












Individual components

	Component	ID Code	Component description
1		EM-H00.ATB.1	Hook AI triple adjustable base, V1
2		EM-H00.ATT.1	Hook AI triple adjustable bracket, V1
3		EM-H00.SD6.B.1	Hook steel double adjustable 6 mm, Barrel Tile, V1
4		EM-H00.SN5.G.1	Hook steel not adjustable 5 mm, Gerard Tile, V1
5		EM-H00.SD6.M.1	Hook steel double adjustable 6 mm, Mediterranean, V1
6		EM-H00.SSL75.1	Hook steel Slate Tile, 75 mm slate overlapping
7		EM-H00.SSL75.2	Hook Slate Tile, 75 mm slate overlapping, Magnelis
8		SEK-DIN127_8B	Washer M8 spring, type B
9		SEK-DIN603_1030	Screw carriage M10 x 30
10		SEK-DIN913_8_16	Screw with flat point M8 x 16 A2 70
11		SEK-DIN6923_8	Nut M8 flange A2-70
12		SEK-DIN933_10_25	Screw M10x25 A2-70 hexagon socket cap
13		SEK-EMC48	Connector for EasyMount™ 48 x 27 mm
14		SEK-EMC48_M	Connector for EasyMount™ 48 x 27, Magnelis
15		SEK-EMCRL80	Connector for EasyMount™ ALU Rail 80
16		SEK-EMS_D	Spring for direct clamps
17		SEK-EPDMR_80	EPDM rubber insert, 3 mm, self-adhesive, roll of 20 m, width 80 mm

Individual components

	Component	ID Code	Component description
18		SEK-L_50_50_3	Profile L - 50 x 50 x 3 mm (l = 6000 mm)
19		EM-CLA.EA35B.2	Clamp end EasyMount™ Black 35 mm Direct, assembled
20		EM-CLA.EA40S.2	Clamp end EasyMount™ 40 mm Direct, assembled
21		EM-CLA.EA40B.2	Clamp end EasyMount™ Black 40 mm Direct, assembled
22		EM-CLA.EA30B.2	Clamp end EasyMount™ Black 30 mm Direct, assembled
23		EM-CLA.EA30S.2	Clamp end EasyMount™ 30 mm Direct, assembled
24		EM-CLA.EA35O.2	Clamp end EasyMount™ Terracotta Orange (RAL 8004) 35 mm Direct, assembled
25		EM-CLA.EA35R.2	Clamp end EasyMount™ Deep Red (RAL 8017) 35 mm Direct, assembled
26		EM-CLA.E_40B.2	Clamp end EasyMount™ Black 40 mm Direct
27	EM-CLA.E_30B.2	Clamp end EasyMount™ Black 30 mm Direct, cut of EM-CLA.E_40S.2	
28	EM-CLA.E_30S.2	Clamp end EasyMount™ 30 mm Direct, cut of EM-CLA.E_40S.2	
29		EM-CLA.E_40B.1	Clamp end EasyMount™ Black
30		EM-CLA.E_40S.1	Clamp end EasyMount™
31		EM-CLA.E_35O.2	Clamp end EasyMount™ Terracotta Orange (RAL 8004) 35 mm Direct
32		EM-CLA.E_35R.2	Clamp end EasyMount™ Deep Red (RAL 8017) 35 mm Direct
33	EM-CLA.E_40S.2	Clamp end EasyMount™ 40 mm Direct	
34		EM-CLA.MA35B.2	Clamp middle EasyMount™ Black 35 mm Direct, assembled
35		EM-CLA.MA40S.2	Clamp middle EasyMount™ 40 mm Direct, assembled
36		EM-CLA.MA40B.2	Clamp middle EasyMount™ Black 40 mm Direct, assembled
37		EM-CLA.MA30B.2	Clamp middle EasyMount™ Black 30 mm Direct, assembled
38		EM-CLA.MA30S.2	Clamp middle EasyMount™ 30 mm Direct, assembled
39		EM-CLA.MA35O.2	Clamp middle EasyMount™ Terracotta Orange (RAL 8004) 40 mm Direct, assembled
40		EM-CLA.MA40R.2	Clamp middle EasyMount™ Deep Red (RAL 8017) 40 mm Direct, assembled
41		EM-CLA.M_40O.2	Clamp middle EasyMount™ Terracotta Orange (RAL 8004) Direct
42	EM-CLA.M_40R.2	Clamp middle EasyMount™ Deep Red (RAL 8017) Direct	

Individual components

	Component	ID Code	Component description
43		SEK-CS_6	Slider clamp M6
44		SEK-DIN912_8_25	Screw Inbus M8 x 25 A2-70
45		SEK-DIN912_8_40	Screw Inbus M8x40 A2-70
46		SEK-DIN912_8_45	Screw Inbus M8x45 A2-70
47		SEK-EPDMSW_10	Sealing washer EPDM M10
48		EM-CLA.PMSS.1	Clamp plate magnelis standing seam, V1
49		SEK-LEG80	Alpine triangle - L-profile connector 80 mm
50		SEK-P82405_11	Adapter sheet 82 x 40 x 5, fi 11
51		SEK-P82405_13	Adapter sheet 82 x 40 x 5, fi 13
52		SEK-PT_6_12	Screw self-tapping 6.0 x 12 mm PT
53		SEK-PT_6_38	Screw self-tapping 6.0 x 38 mm PT
54		SEK-PT_6_45	Screw self-tapping 6.0 x 45 mm PT
55		SEK-PT_6_50	Screw self-tapping 6.0 x 50 mm PT
56		SEK-PT_6_55	Screw self-tapping 6.0 x 55 mm PT
57		SEK-PT_6_60	Screw self-tapping 6.0 x 60 mm PT
58		SEK-PT_6_65	Screw self-tapping 6.0 x 65 mm PT
59		SEK-PT_6_70	Screw self-tapping 6.0 x 70 mm PT
60		SEK-JA3_65_25	Self-tapping screw 6.5 x 25 mm JA3
61		SEN-004.388	Strip, perforated, 12 x 0.75 mm, 10 m, zinc plated
62		SEN-005-7.103	Strip, perforated 17 x 0.8 mm, Fi 7mm 10m, stainless steel

