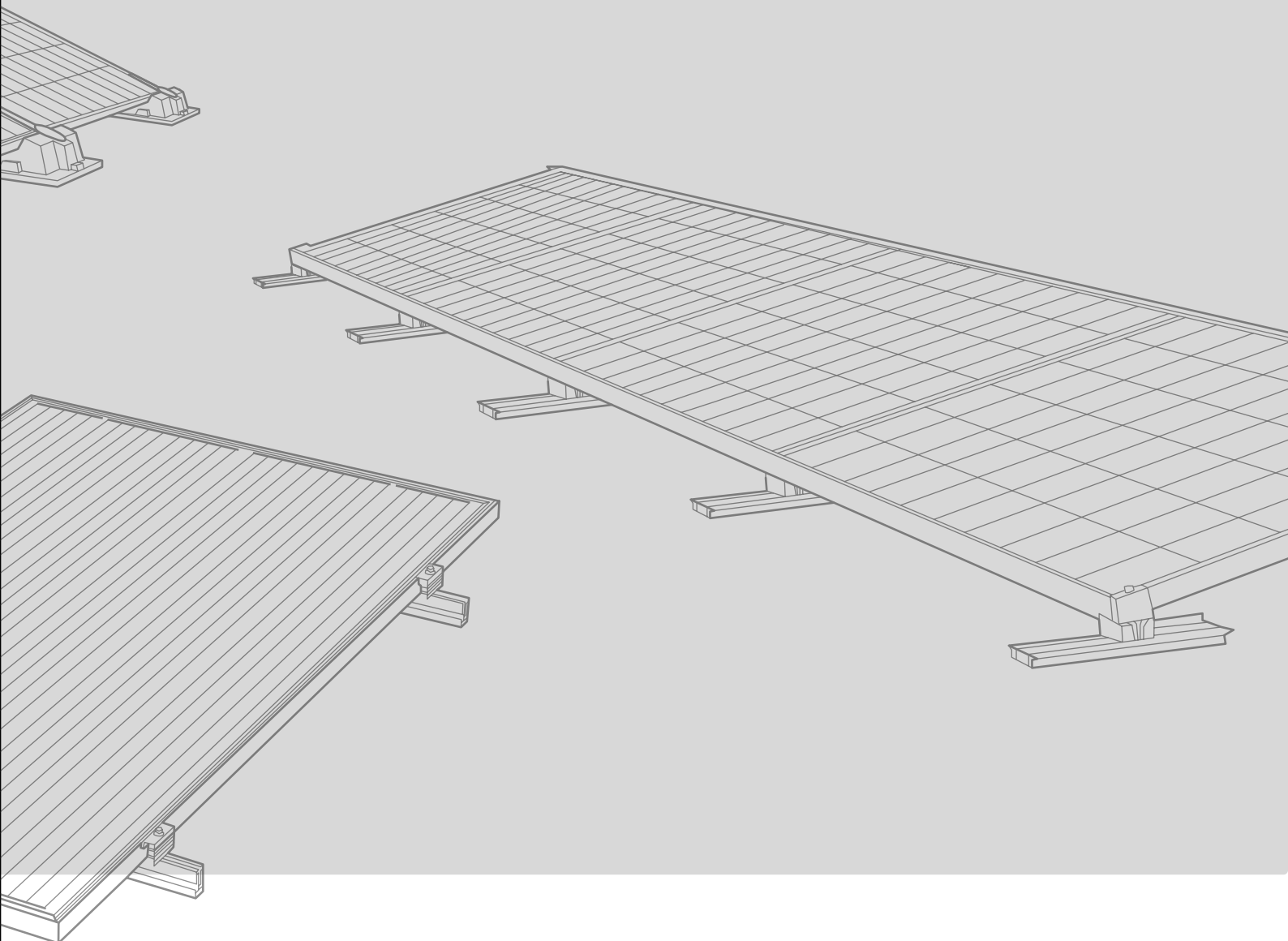


BISOL EasyMount™ Mounting Solutions



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.

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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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™** Alpine TRIANGLE

— **BISOL EasyMount™** Robust BOLT

— **BISOL EasyMount™** Quick RAIL

— **BISOL EasyMount™** Home HOOK

— **BISOL EasyMount™** Standing SEAM

— **BISOL** BIPV



DID YOU KNOW?

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



BISOL EasyMount™
Slim BASE

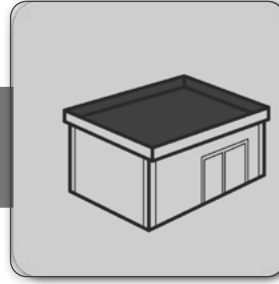


BISOL EasyMount™
Slim BASE



BISOL EasyMount™
Alpine TRIANGLE

FLAT roofs



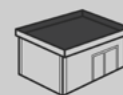
When drafting a PV system on your flat roof or any other horizontal surface, it is extremely important to have a variety of configuration and layout options to optimally exploit the space, which associates with maximizing performance and minimizing the material, costs and time needed for assembly. Pick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



BISOL EasyMount™
Alpine TRIANGLE


BISOL

BISOL EasyMount™ Slim BASE & Twin Slim BASE



**Cost-effective & lightweight
for hassle-free installations**

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)

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

100%
DESIGNED AND
MANUFACTURED IN
EU

Individual components

	Component	ID Code	Component description
1		EM-BAS_B1530A.3	Bottom profile, Base Bottom 1530 Aluminium
2		EM-BAS_B1900A.3	Bottom profile, Base Bottom 1900 Aluminium
3		EM-BAS_B2500A.3	Bottom profile, Base Bottom 2500 Aluminium
4		EM-BAS.B5000A.3	Bottom profile, Base Bottom 5000 Aluminium
5		EM-BAS.F10A.3	Front leg, Base front 10 Aluminium
6		EM-BAS.F20A.3	Front leg, Base Front 20 Aluminium
7		EM-BAS.B10A.3	Back leg, Base back 10 Aluminium
8		EM-BAS.B20A.3	Back leg adapter, Base Back 20 Aluminium
9		EM-BAS.BC10S.3	Middle leg, Base Back Centre 10 Steel
10		EM-BAS.BC20S.3	Middle leg, Base Back Centre 20 Steel
11		EM-BAS.BCA.3	Profile connector Base Bottom Connector Aluminium
12		EM-CLA.EA30S.3	End clamp, Clamp end EasyMount™ 30mm, assembled
13		EM-CLA.EA35S.3	End clamp, Clamp end EasyMount™ 35mm assembled
14		EM-CLA.MA30S.3	Middle clamp, Clamp Middle EasyMount™ 30 mm, assembled
15		EM-CLA.MA35S.3	Middle clamp, Clamp Middle EasyMount™ 35 mm, assembled
16		EM-CLA.E_30S.3	End clamp EasyMount™ 30 mm
17		EM-CLA.E_35S.3	End clamp EasyMount™ 35 mm
18		EM-CLA.E_40S.2	End clamp EasyMount™ 40 mm
19		EM-CLA.M_S.3	Middle clamp, EasyMount™
20		EM-CLA.SA.3	Clamp Slider EasyMount™ Aluminium
21		SEK-PT_6_15	Self-tapping screw 6,0 x 15 mm
22		SEK-PT_6_50	Self-tapping screw 6,0 x 50 mm
23		SEK-PT_6_55	Self-tapping screw 6,0 x 55 mm
24		EM-DIN912_6_30	Screw Inbus 6,0 x 30 mm PT
25		EM-DIN912_6_35	Screw Inbus 6,0 x 35 mm PT
26		EM-DIN912_6_45	Screw Inbus 6,0 x 45 mm PT
27		EM-DIN6923_6	Nut M6 flange A2-70
28		SEK-JF3_48_19	Screw self-drilling 4,8 x 19 mm JF3 - 2
29		SEK-PREPDM	EPDM protective rubber 300 mm
30		EM-SIK.L150_95	Sika foil FPO/TPO laminated, 150 x 95 x 1.5 mm
31		EM-BP.3	Ballast pan EasyMount™
32		SEK-LOAD_CP15	Load Concrete plate 40/40/3,8 cm (13.5 kg)
33		EM-WDE.10_175	Wind deflector, 10 degrees, length 175 cm, width 17 cm
34		EM-WDE.10_210	Wind deflector, 10 degrees, length 210 cm, width 17 cm
35		EM-WDE.20_175	Wind deflector, 20 degrees, length 175 cm, width 34,2 cm
36		EM-WDE.20_210	Wind deflector, 20 degrees, length 210 cm, width 34,2 cm

Did you know?

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

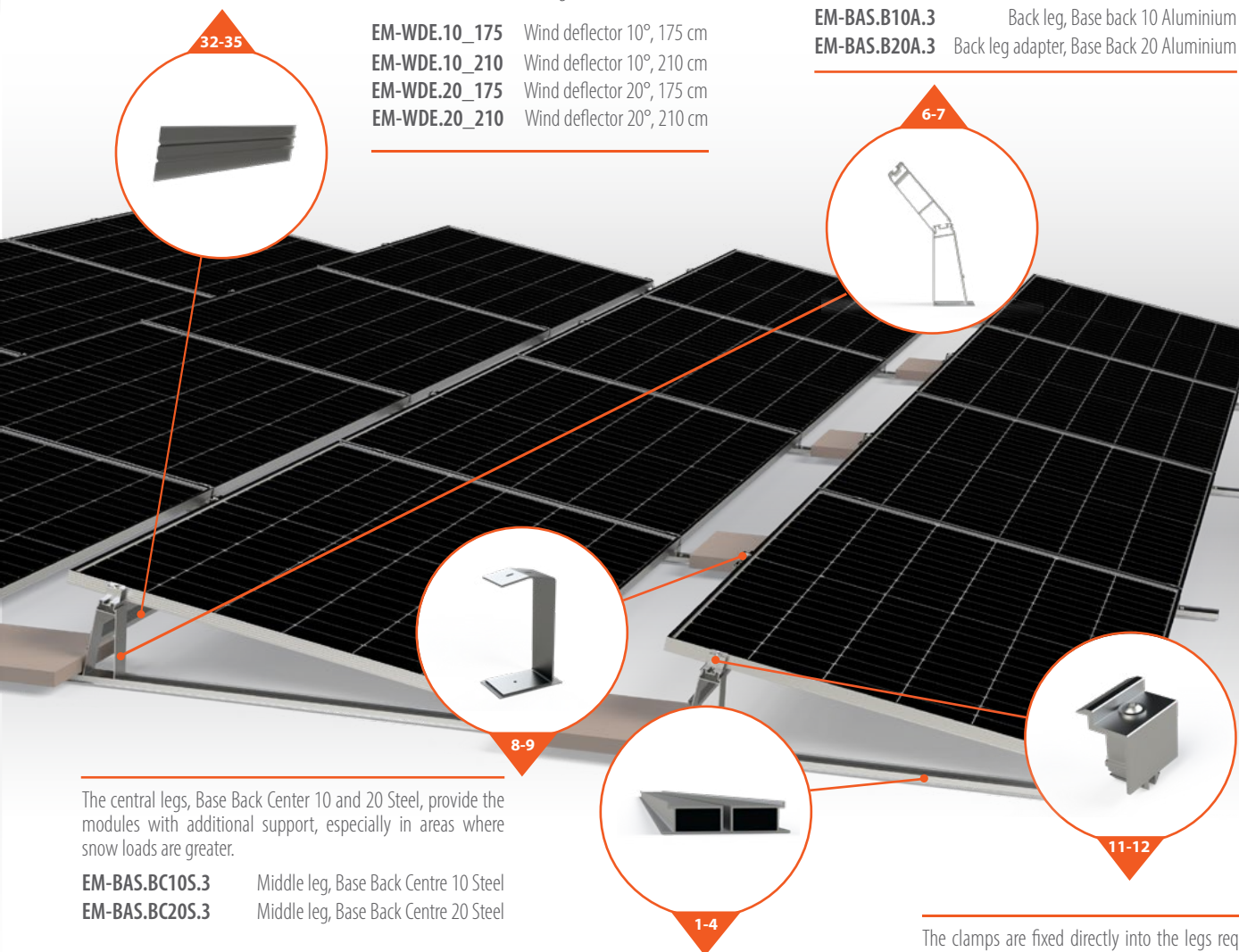
System components

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.20_175	Wind deflector 20°, 175 cm
EM-WDE.20_210	Wind deflector 20°, 210 cm

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

EM-BAS.B10A.3	Back leg, Base back 10 Aluminium
EM-BAS.B20A.3	Back leg adapter, Base Back 20 Aluminium

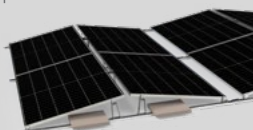


The central legs, Base Back Center 10 and 20 Steel, provide the modules with additional support, especially in areas where snow loads are greater.

EM-BAS.BC10S.3	Middle leg, Base Back Centre 10 Steel
EM-BAS.BC20S.3	Middle leg, Base Back Centre 20 Steel

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.

EM-BAS_B1530A.3	Bottom profile length 1530 mm
EM-BAS_B1900A.3	Bottom profile length 1900 mm
EM-BAS_B2500A.3	Bottom profile length 2500 mm
EM-BAS_B5000A.3	Bottom profile length 5000 mm

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.EA30S.3	Clamp end EasyMount™ 30mm, assembled
EM-CLA.EA35S.3	Clamp end EasyMount™ 35mm, assembled
EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, assembled
EM-CLA.MA35S.3	Clamp Middle EasyMount™ 35mm, assembled



Fits most PV modules



Adjustable distance between rows



Cost-effective solution



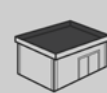
South-facing or east-west orientation



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**

100%
DESIGNED AND
MANUFACTURED IN
EU

Individual components

	Component	ID Code	Component description
1		SEKP-EMTAL_125	EasyMount™ ALU Triangular 125
2		SEKP-EMTAL_200	EasyMount™ ALU Triangular 200
3		SEKP-EMTAL_300	EasyMount™ ALU Triangular 300
4		SEK-48_27_5400	EasyMount™ 48 x 27 x 5400 mm
5		SEK-EMRL80	EasyMount™ ALU Rail 80 x 5850 mm
6		SEK-EMRL80U_6000	EasyMount™ ALU Rail 80 x 30 x 6000 mm, without holes
7		SEKP-EMC48	Connector set for EasyMount™ 48 x 27
8		SEKP-EMC48_M	Connector set for EasyMount™ 48 x 27, Magnelis
9		SEKP-EMCRL80	Connector set for EasyMount™ Rail 80
10		EM-CLA.EA30S.3	Clamp End EasyMount™ 30 mm, assembled
11		EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, assembled
12		SEK-HHS_10_25	Screw hammerhead M10 x25 A2-70
13		SEK-DIN6923_10	Nut M10 flange A2-70
14		SEK-EMT_BPRL	Ballast pan EasyMount™ for ALU Rail 80, double-sided
15		SEK-LOAD_CP15	Load Concrete plate 40/40/3.8 cm (13.5 kg)
16		EM-WDE.10_175	Wind deflector, 10-degrees, length 175 cm
17		EM-WDE.10_210	Wind deflector, 10-degrees, length 210 cm
18		EM-WDE.10_217	Wind deflector, 10-degrees, length 217 cm
19		EM-WDE.20_175	Wind deflector, 20-degrees, length 175 cm
20		EM-WDE.20_210	Wind deflector, 20-degrees, length 210 cm
21		EM-WDE.20_217	Wind deflector, 20-degrees, length 217 cm
22		SEK-JF3_48_19	Screw self-drilling 4.8 x 19 mm JF3 - 2

*For colour and dimension options see Accessories.

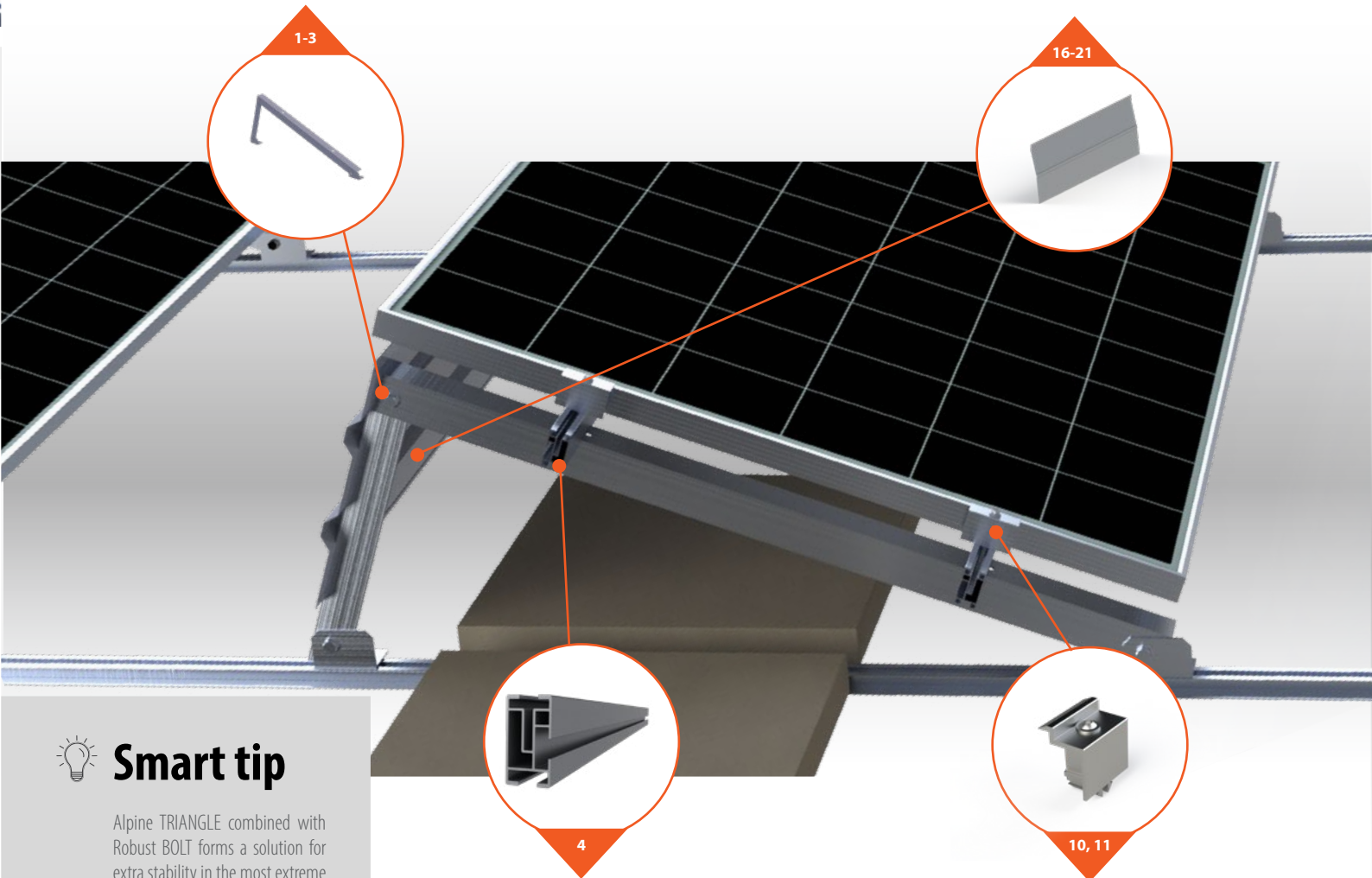
System components

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.



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.EA30S.3 Clamp End EasyMount™ 30 mm, assembled
EM-CLA.MA30S.3 Clamp Middle EasyMount™ 30 mm, assembled
EM-CLA.EA35S.3 Clamp End EasyMount™ 35 mm, assembled
EM-CLA.MA35S.3 Clamp Middle EasyMount™ 35 mm, assembled



With or
without roof
penetration



Extreme
weather
conditions



Project and
design tools
available



Lightweight
layout option



Various incline
angles



10-year
product
guarantee



BISOL BIPV



BISOL BIPV



BISOL EasyMount™
Robust BOLT

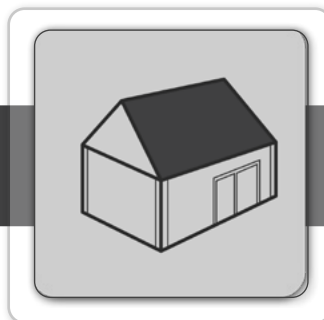


BISOL EasyMount™
Robust BOLT



BISOL EasyMount™
Home HOOK

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 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**

100%
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MANUFACTURED IN
EU

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.EA30S.3	Clamp End EasyMount™ 30 mm, assembled
7		EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, 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.

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.

Hanger Bolt

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

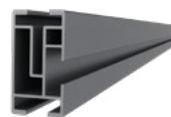
SEK-48_27_2200_B

EasyMount™ 48 x 27 x 5400 mm,
black

10-12



1-3



6, 7



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 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.EA30S.3 Clamp End EasyMount™ 30 mm, assembled

EM-CLA.MA30S.3 Clamp Middle EasyMount™ 30 mm, assembled

EM-CLA.EA35S.3 Clamp End EasyMount™ 35 mm, assembled

EM-CLA.MA35S.3 Clamp Middle EasyMount™ 35 mm, 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**

100%
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MANUFACTURED IN
EU

Individual components

	Component	ID Code	Component description
1		SEK-EMRL80U_370	EasyMount™ ALU Rail 80 x 370 mm Universal
2		SEK-EMRL80U_6000	EasyMount™ ALU Rail 80 x 6000 mm Universal
3		SEK-EPDMR_80_30	EPDM rubber insert 3 mm self-adhesive, L = 30 mm W = 80 mm
4		SEK-JF3_55_25	Screw self-drilling 5.5 x 25 mm JF3 - 2
5		SEK-JF3_55_35	Screw self-drilling 5.5 x 35 mm JF3 - 2
6		EM-CLA.EA30S.3	Clamp End EasyMount™ 30 mm, assembled
7		EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, assembled

*For colour and dimension options see Accessories.

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

1



3, 4



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

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

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 H00K



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.



0 – 5.4 kN/m²
(with BISOL PV modules)



0 – 150+ km/h
(93+ mph)

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

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EU

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.EA30S.3	Clamp End EasyMount™ 30 mm, assembled
10		EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, 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.

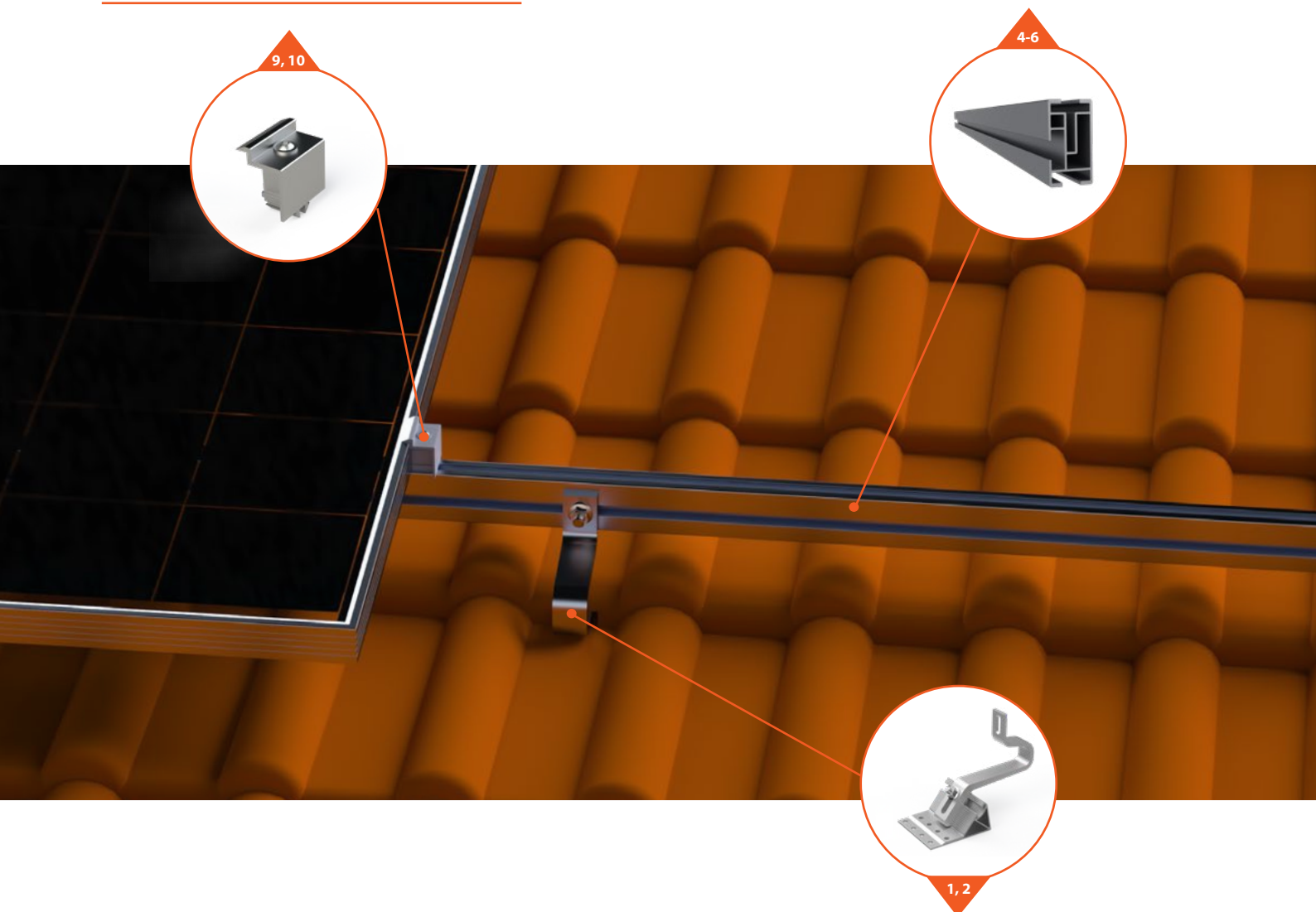
System components

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.EA30S.3** Clamp End EasyMount™ 30 mm, assembled
- EM-CLA.MA30S.3** Clamp Middle EasyMount™ 30 mm, assembled
- EM-CLA.EA35S.3** Clamp End EasyMount™ 35 mm, assembled
- EM-CLA.MA35S.3** Clamp Middle EasyMount™ 35 mm, 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 Al triple adjustable, V1
- EM-H00.SD6.1** Hook steel double adjustable, 6 mm, V1



Fits most
roof tiles



Exceptional load
carrying capacity



Multiple-point
adjustability



Versatile
installation
options



High-grade
non-corrosive
materials



Project and
design tools
available



10-year
product
guarantee

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.



0 – 5.4 kN/m²
(with BISOL PV modules)



0 – 150+ km/h*
(93+ mph)









*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

100%
DESIGNED AND
MANUFACTURED IN
EU

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.EA30S.3	Clamp End EasyMount™ 30 mm, assembled
7		EM-CLA.MA30S.3	Clamp Middle EasyMount™ 30mm, 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.

System components

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.EA30S.3 Clamp End EasyMount™ 30 mm, assembled

EM-CLA.MA30S.3 Clamp Middle EasyMount™ 30 mm, assembled

EM-CLA.EA35S.3 Clamp End EasyMount™ 35 mm, assembled

EM-CLA.MA35S.3 Clamp Middle EasyMount™ 35 mm, 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

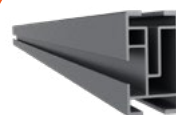
SEK-48_27_2200_B

EasyMount™ 48 x 27 x 2200 mm, black

6, 7



2-4



10



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™

1



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 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.011	Mounting clamp glass stainless spring steel, silver, without screws, sea water resistant
11		EM-BIPV.SOL.012	Pan-head screw A2 Torx T20x4'5x3.5 mm
12		EM-BIPV.SOL.013	Mounting clamp profile stainless spring steel, silver, without screws, sea water resistant
13		EM-BIPV.SOL.014	Mounting gauge (WxHxL; (module width + 24)x14x69 mm)
14		EM-BIPV.SOL.015	Aluminium flashing top M10 (21x341x1720 mm), black
15		EM-BIPV.SOL.016	Aluminium flashing side left M10 (120x35.3x1268 mm), black
16		EM-BIPV.SOL.017	Aluminium flashing side right M10 (120x35.3x1268 mm), black
17		EM-BIPV.SOL.018	Aluminium flashing profile standard left M10 (34.5x24.5x1160 mm), black
18		EM-BIPV.SOL.019	Aluminium flashing profile standard right M10 (34.5x24.5x1160 mm), black
19		EM-BIPV.SOL.020	Aluminium flashing corner inner left (203x41.5x332 mm), black
20		EM-BIPV.SOL.021	Aluminium flashing corner inner right (203x41.5x332 mm), black
21		EM-BIPV.SOL.022	Aluminium flashing side inner left M10 (147x34x1268 mm), black
22		EM-BIPV.SOL.023	Aluminium flashing side inner right M10 (149x40x1268 mm), black
23		EM-BIPV.SOL.025	Aluminium flashing side inner short left M10 (120x35.3x1068 mm), black
24		EM-BIPV.SOL.026	Aluminium flashing side inner short right M10 (120x35.3x1068 mm), black
25		EM-BIPV.SOL.029	Eaves profile black
26		EM-BIPV.SOL.030	Connecting sheet black, roll 5m
27		EM-BIPV.SOL.031	Ground connector, Cable cross-section max. 10mm2
28		EM-BIPV.SOL.032	Grounding set, Cable cross-section 10mm2

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.

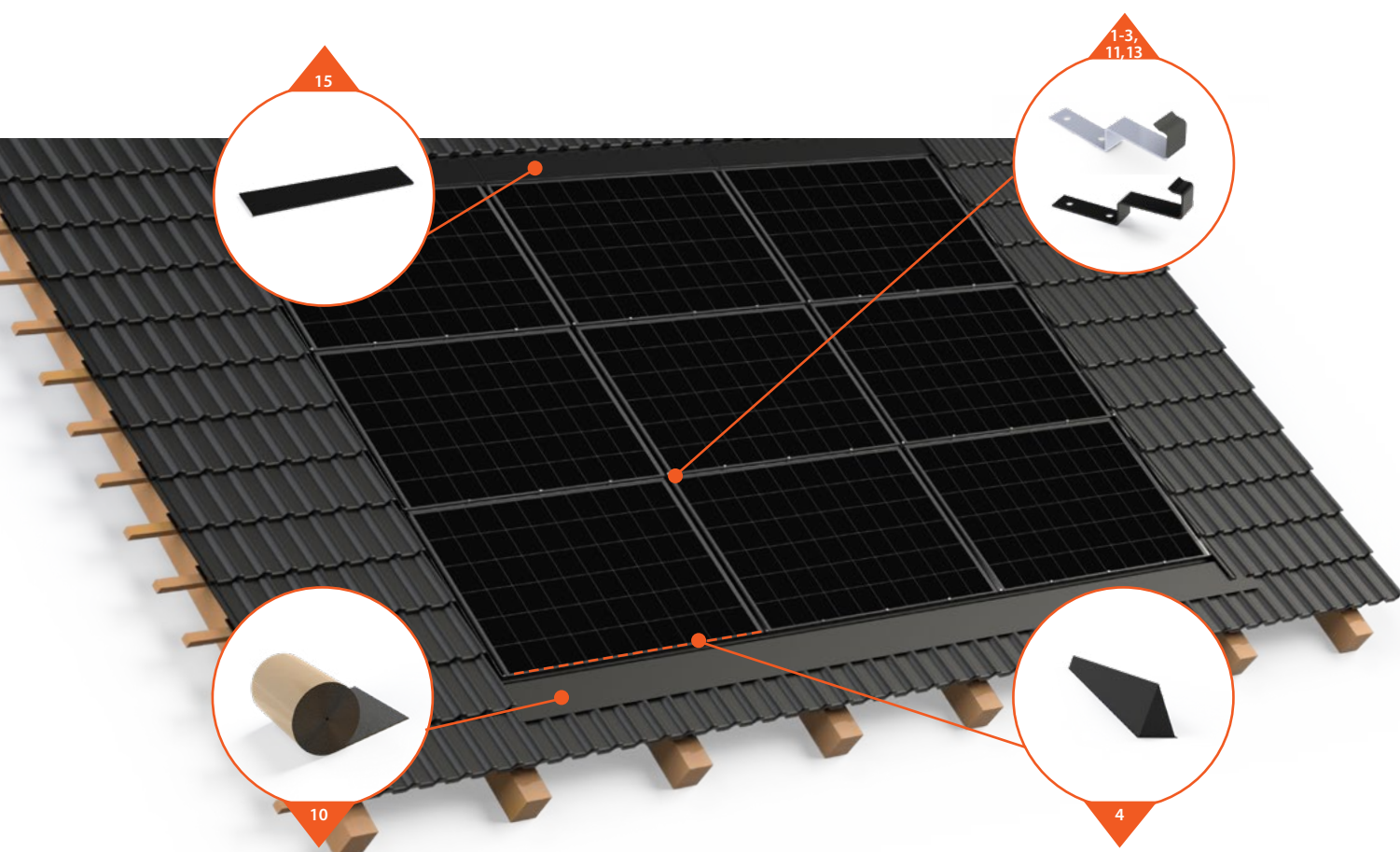
EM-BIPV.SOL.015

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



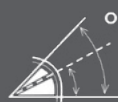
No roof tiles
needed



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.SSL75.2	Hook Slate Tile, 75 mm slate overlapping, Magnelis
7		SEK-DIN127_8B	Washer M8 spring, type B
8		SEK-DIN603_1030	Screw carriage M10 x 30
9		SEK-DIN913_8_16	Screw with flat point M8 x 16 A2 70
10		SEK-DIN6923_8	Nut M8 flange A2-70
11		SEK-DIN933_10_25	Screw M10x25 A2-70 hexagon socket cap
12		SEK-EMC48	Connector for EasyMount™ 48 x 27 mm
13		SEK-EMC48_M	Connector for EasyMount™ 48 x 27, Magnelis
14		SEK-EMCRL80	Connector for EasyMount™ ALU Rail 80
15		SEK-EPDMR_80	EPDM rubber insert, 3 mm, self-adhesive, roll of 20 m, width 80 mm

Individual components

	Component	ID Code	Component description
16		SEK-L_50_50_3	Profile L - 50 x 50 x 3 mm (l = 6000 mm)
17		EM-CLA.EA30B.3	Clamp End EasyMount™ black 30 mm, assembled
18		EM-CLA.EA30S.3	Clamp End EasyMount™ Silver 30 mm, assembled
19		EM-CLA.EA35B.3	Clamp End EasyMount™ Black 35 mm, assembled
20		EM-CLA.EA35S.3	Clamp End EasyMount™ Silver 35 mm, assembled
21		EM-CLA.E_30B.3	Clamp End EasyMount™ Black 30 mm
22		EM-CLA.E_30S.3	Clamp End EasyMount™ Silver 30 mm
23		EM-CLA.E_35B.3	Clamp End EasyMount™ Black 35 mm
24		EM-CLA.E_35S.3	Clamp End EasyMount™ Silver 35 mm
25		EM-CLA.E_40B.2	Clamp End EasyMount™ Black 40 mm
26		EM-CLA.E_40S.2	Clamp End EasyMount™ Silver 40 mm
27		EM-CLA.MA30B.3	Clamp Middle EasyMount™ Black 30 mm, assembled
28		EM-CLA.MA30S.3	Clamp Middle EasyMount™ Silver 30 mm, assembled
29		EM-CLA.MA35B.3	Clamp Middle EasyMount™ Black 35 mm, assembled
30		EM-CLA.MA35S.3	Clamp Middle EasyMount™ Silver 35 mm, assembled
31		EM-CLA.M_B.3	Clamp Middle EasyMount™ Black
32		EM-CLA.M_S.3	Clamp Middle EasyMount™ Silver

Individual components

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

