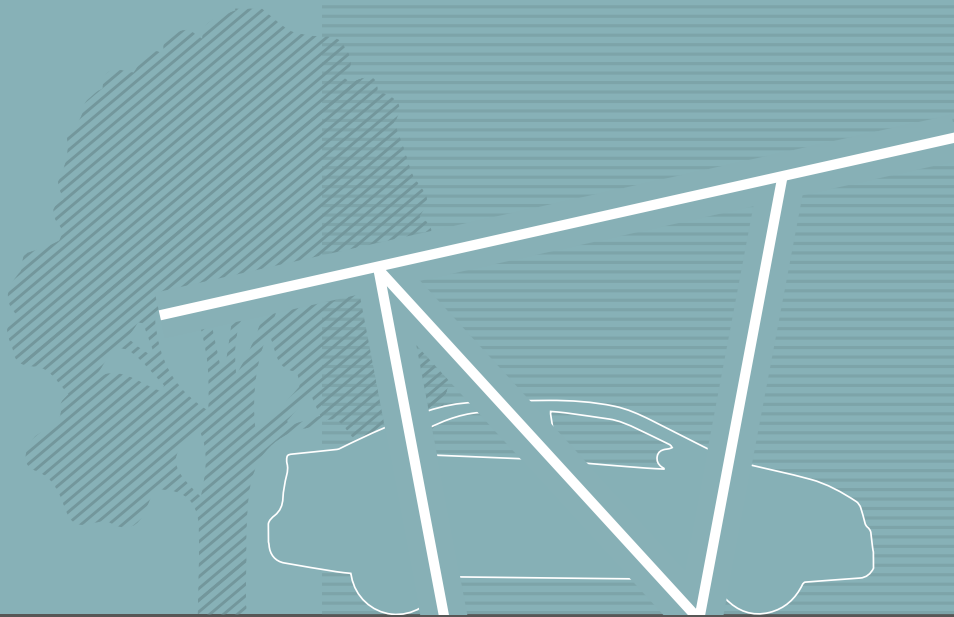


CARPORT CATALOG



The Company
Pag. 5

Naked
Pag. 9



5 Reasons to choose NAKED Giulio Barbieri
Pag.6

PENSILSOLE
Pag. 27



5 Reasons to choose PENSILSOLE Giulio Barbieri
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PENSILAUTO
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5 Reasons to choose PENSILAUTO Giulio Barbieri
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Warranty and quality
Pag. 94

Contacts
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VISION

With our range of products, we are specifically focusing on the ecological aspects connected to a new lifestyle, where the outdoors symbolize being in touch with nature, where boundaries disappear and change. Our systems, working with renewable energy sources, are a valid answer to the need to preserve the world that we share with all living beings, to respect it and to keep it untouched.

MISSION

The legacy we have been carrying on for over thirty years is a centuries-old tradition, strongly connected to the Earth and its bounty. Our mission is loyal to the spirit of cultivating, ploughing, manuring, watering, and harvesting. Faithful to our model, we cultivate human relationships and coordinate production with harvest seasons – just as it happens in nature. This *modus operandi* helped us to create a design tailored to evolving markets, and consolidating an organic, consistent set of corporate ethics that creates value and opportunity.



SOLAR CARPORT

N A  K E D



Naked presents itself as a **photovoltaic carport** with an essential and clean design, perfect for creating a welcoming outdoor area while simultaneously harnessing solar energy. It is the ideal solution to meet the growing needs for **renewable, autonomous, and sustainable energy production**.

Naked is a **support structure** for photovoltaic panels designed for the direct integration of any solar system available on the market, eliminating the need for additional structures.

The Naked carport can be complemented with **optional** features such as a sliding waterproof sliding roof, LED lights, and perimeter closures.



5 REASONS TO CHOOSE NAKED SOLAR POWER

1 SUPPORT FOR PHOTOVOLTAIC

Naked is an aluminum structure designed to support photovoltaic panels of any type and size available on the market. Optionally, it is possible to request the photovoltaic kit, which includes panels, inverters, and the battery storage pack.

2 WATERPROOF SLIDING CEILING

Naked can be finished with an optional sliding PVC roof, which makes the carport waterproof.

3 SNOW LOAD

Naked, whose maximum dimensions are 600×500 cm, is able to withstand a snow load of 48 daN/m^2 for the standard version and 150 daN/m^2 for the reinforced version.

4 EASY TO ASSEMBLE

Ease of installation translates into overall savings for the end user, which represents value for money.

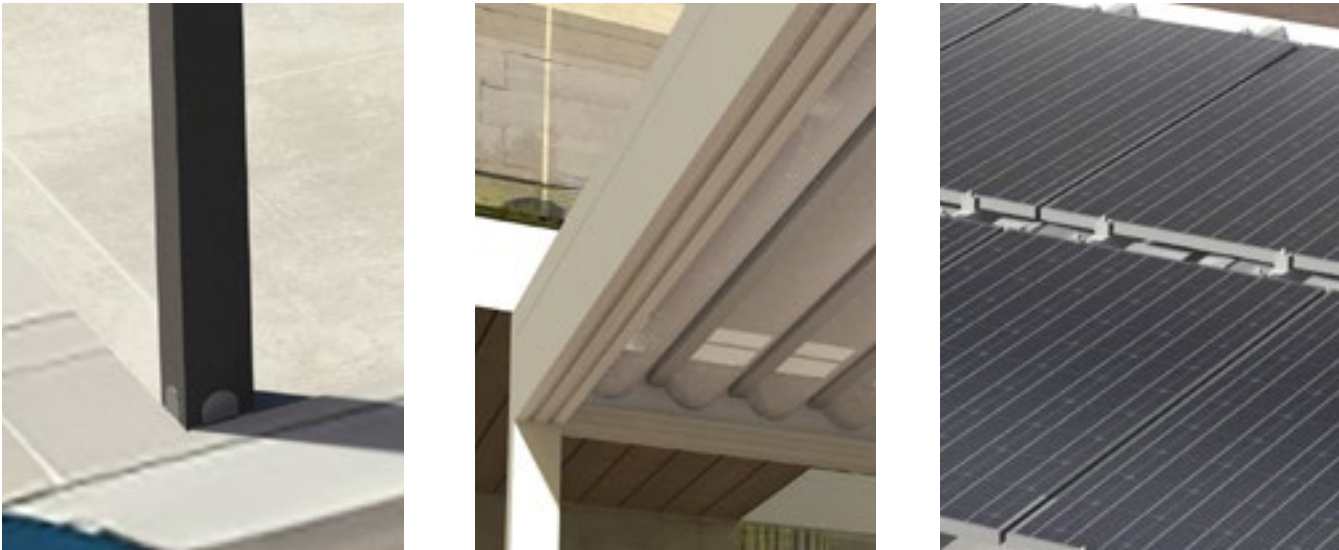
5 DOESN'T REQUIRE MAINTENANCE

Naked's simplified structure is built to allow cleaning and maintenance of its aluminum profiles and the roof, in case it is in the presence of trees and plants that lose their foliage during the winter season.





TECHNICAL DETAILS



STRUCTURE'S COLOUR

Smooth finish

● Special Grey

Matt-Rough finish

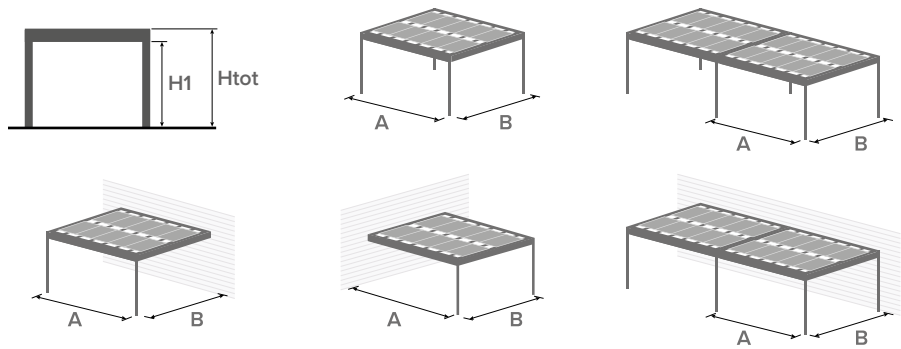
○ White Matt

● Dove-Grey Matt

● Dark-Brown Matt

Further RAL colours available in both matt and glossy smooth finish

STRUCTURE DIMENSIONS

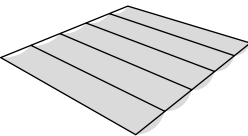


A (cm)	B (cm)	H1 (cm)	Htot (cm)
400	500	230	266
		290	326
450	500	230	266
		290	326
500	500	230	266
		290	326
550	500	230	266
		290	326
600	500	230	266
		290	326



FALSE CEILING

False ceiling sliding PVC sheet



STRUCTURE'S COLOURS

Smooth finish

Special Grey

Matt-Rough finish

White

Dove-Grey

Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEETS COLOURS

White

Grey

Champagne

Dove-Grey

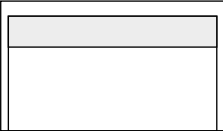
More colors available upon request

PVC TYPES

Precontraint 602 blackout

PVC WALL

Vertical zipper closure



STRUCTURE'S COLOURS

Smooth finish

Special Grey

Matt-Rough finish

White

Dove-Grey

Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEET COLOURS

White

Grey

Champagne

Dove-Grey

More colors available upon request

PVC TYPES

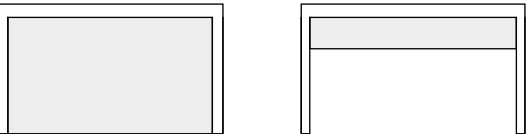
Cristalplus 500

Soltis W96

Precontraint 502

VOK WALL

Roller blind closure



STANDARD COLOURS OF FIXING PLATES, TERMINAL, AND BOTTOM FIXINGS

Smooth finish

Special Grey

Matt-Rough finish

White

Dove-Grey

Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEET COLOURS

White

Grey

Champagne

Dove-Grey

More colors available upon request

PVC TYPES

Soltis 96

GLASS SHUTTER

Sliding glass door closure



STRUCTURE'S COLORS

Smooth finish

Special Grey

Matt-Rough finish

White

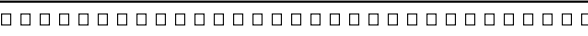
Dove-Grey

Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

OPTIONALS

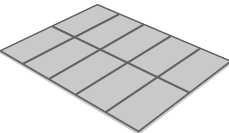
LIGHTING
Strip LED



LED'S COLOURS

- ☐ Natural white
- ☒ RGB
- ☐ Natural white + RGB

PHOTOVOLTAIC KIT
Kit prepared for storage batteries



The Kit includes:

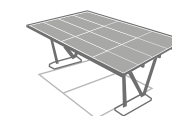
- 6, 8, or 10 photovoltaic panels (depending on the required system power, compatible with the structure's surface as indicated in the adjacent table).
- Hybrid inverter with a nominal power of 4 kW.
- 4G Kit with USB for remote monitoring.
- Additional 5 kWh battery pack.

A (cm)	B (cm)	H1 (cm)	Htot (cm)	PHOTOVOLTAIC KIT (kW)		
				3,06	4,08	5,10
400	500	230	266	●		
		290	326			
450	500	230	266	●		
		290	326			
500	500	230	266	●	●	
		290	326			
550	500	230	266	●	●	
		290	326			
600	500	230	266	●	●	●
		290	326			



PHOTOVOLTAIC CARPORT

P E N S I L S O L E



The **Pensilsole** carport can be equipped with photovoltaic panels. It is an extremely versatile structure that can accommodate the client's desired panels. The design of Pensilsole respects a precise optimized static scheme that allows the carport to achieve **high performance standards** by using profiles of small cross section, achieving an elegant and optically minimal aesthetic result. Anchoring to the ground can be done through above-ground concrete **ballasts** that do not require the preparation of foundations, significantly decreasing the time and cost required for installation. Upon request, however, it is possible to install the structure through plates to be anchored to a foundation.

Pensilsole is also available with single **cantilever** type support, with the cantilever roof supported by steel pillars, attached to a foundation. Upon request, the aluminum carport can be customized by choosing from a wide range of colors and finishes. In particular, the warm-tone range and matt finish give Pensilsole a more refined look in **harmony with natural elements**, while the oven-treated thermoset polyester powder coating increases product **quality** and **resistance** to the wear and tear of time.



5 REASONS TO CHOOSE GIULIO BARBIERI PENSILSOLE

1 COMPATIBILITY WITH ANY PHOTOVOLTAIC PANEL

Pensilsole is a carport adaptable to photovoltaic panels of any type and size on the market.

2 ADAPTABILITY

The structures are easily adaptable to new needs that may arise over time: since they are modular, it is always possible to attach and join a new canopy through a special system of gutters and downspouts; in addition, it is always possible to replace the photovoltaic panels with higher-performance models, even if they have different dimensions.

3 SNOW LOAD

The Pensilsole canopy is capable of supporting a snow load on the roof of 150 daN/m² in the maxi version and 120 daN/m² in the middle and cantilever versions.

4 LIMITED MAINTENANCE

Maintenance of shelters and carports is limited to tightening screws and general cleaning on an annual basis, as the structure is made of anodized or thermosetting polyester powder coated aluminum profiles. Joints and structural nodes are made of surface-treated steel using a hot-dip galvanizing process and subsequent polyester powder surface coating.

Aluminum structures are a technological added value, which gives the structural deck strength, elasticity and durability: aluminum does not oxidize, and it is therefore possible to install sunroofs and carports even in dust-saturated atmospheres such as industrial ones or near wetlands or marine areas. At the end of its life, the product allows the transformation of profiles into scrap that will be melted down and processed into new products or profiles for industrial use.

5 QUICK INSTALLATION TIME

Pensilsole and pensilauto are installed quickly, as the structural components are delivered pre-assembled. Quick attachment of PV panels on pensilsole is ensured by specific accessories that are included in the delivery. The load-bearing structures have reinforced concrete bases with a grit finish, so they do not require foundations: this means opening a construction site that is easy to set up and manage, a simplified permitting process, and no need for soil remediation work at the end of the system's life. Versions with steel plates to be attached to an existing or prepared foundation with appropriate excavation at the installation site are also available.









LOCATION
San Giorgio di Piano, Bologna,
Italy

CUSTOMER
Fornitek S.r.l.

MODEL
Pensilsole Maxi





LOCATION
Krems an der Donau,
Austria

CUSTOMER
Enecon Corporation

MODEL
Pensilsole Middle

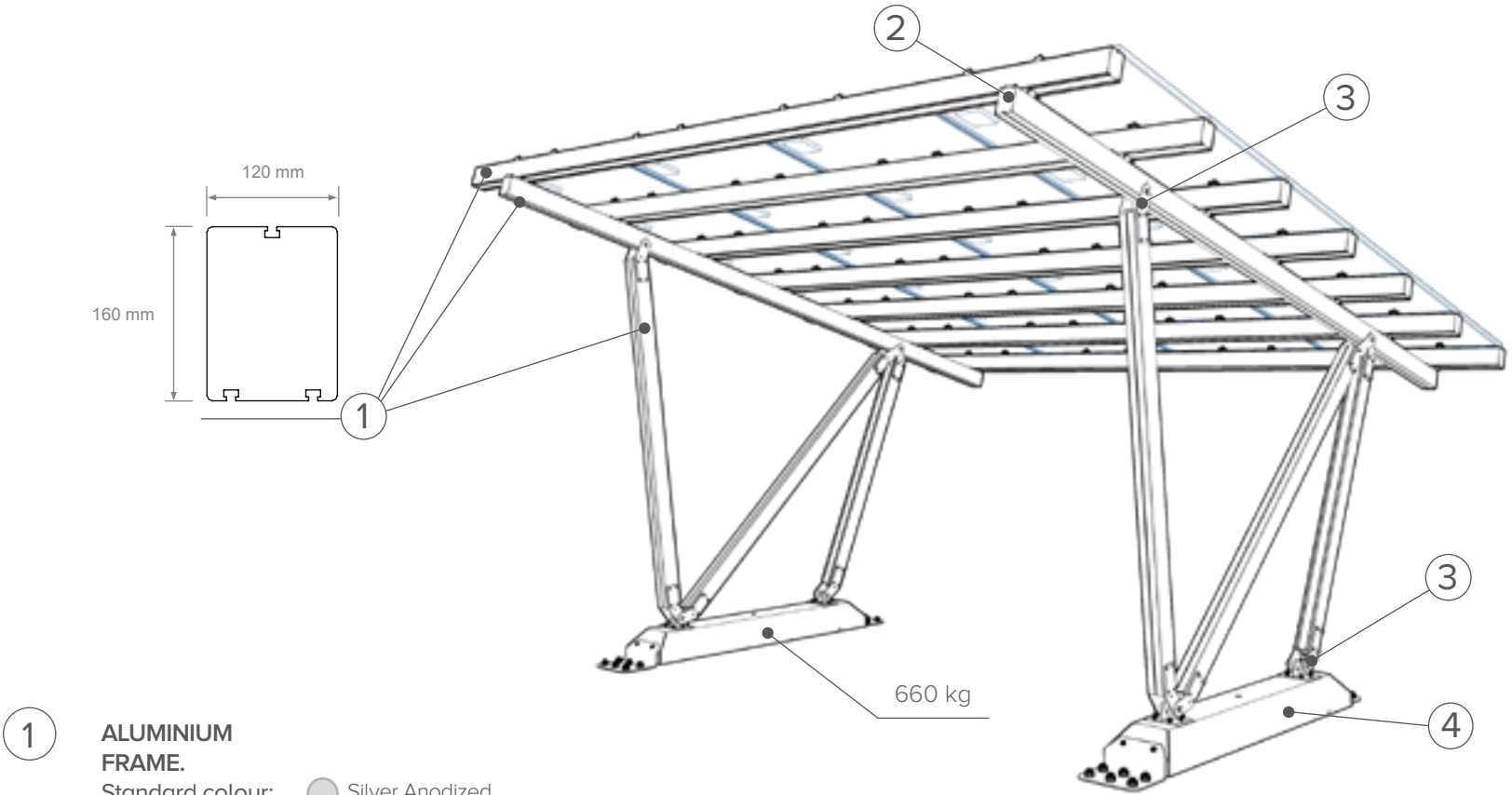








PENSILSOLE MAXI - TECHNICAL DETAILS



- 1 ALUMINIUM FRAME.**
 Standard colour: Silver Anodized
- Non standard colours:
 Matt with rough finish - polyester powder coating
- White Dove-Grey Dark-Brown
- Further RAL colours available in both matt and glossy smooth finish.

- 2 ALUMINIUM CAPS SUBJECTED TO POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 3 STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 4 CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH**

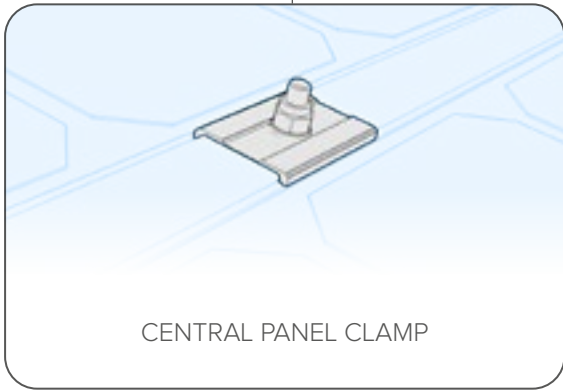
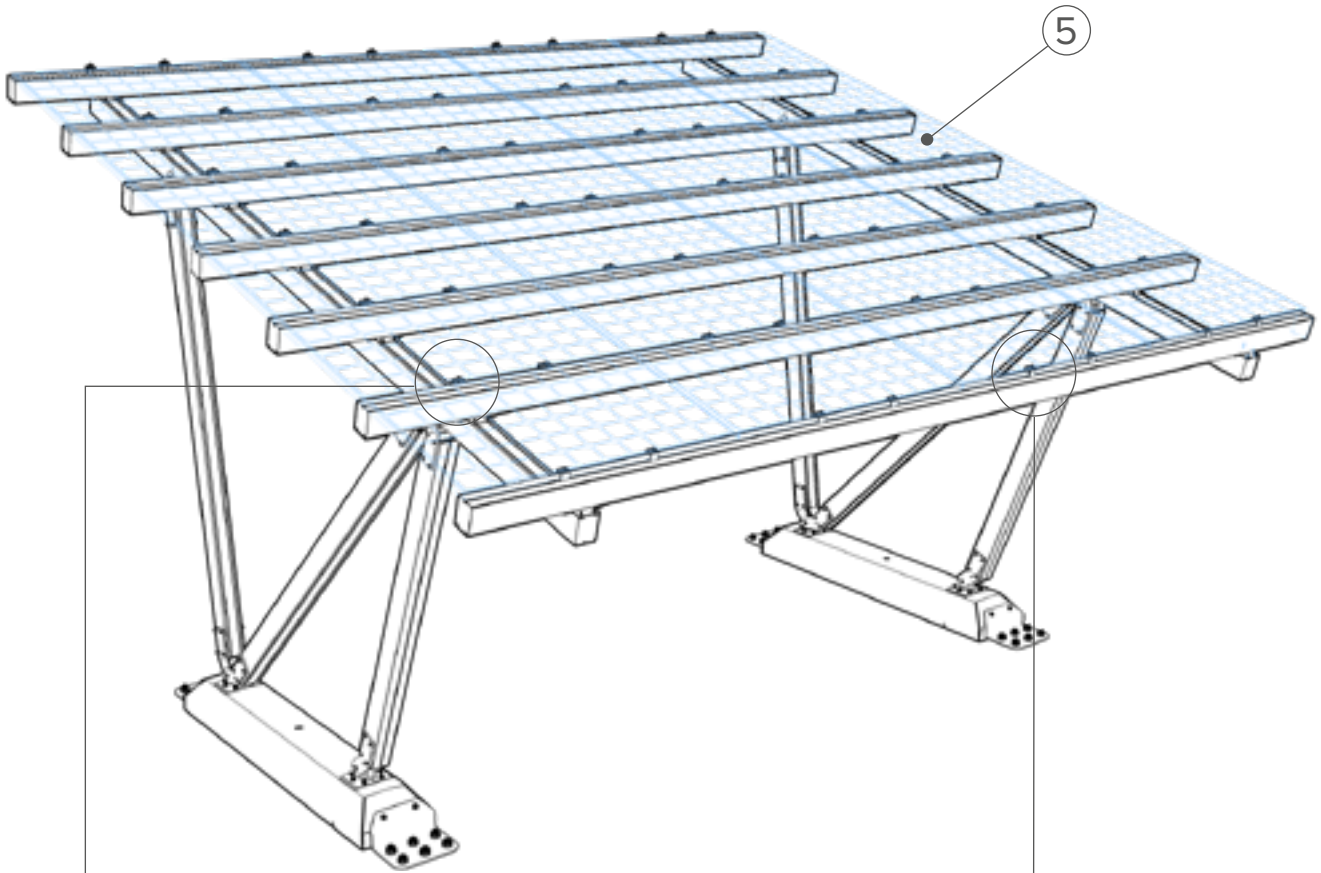
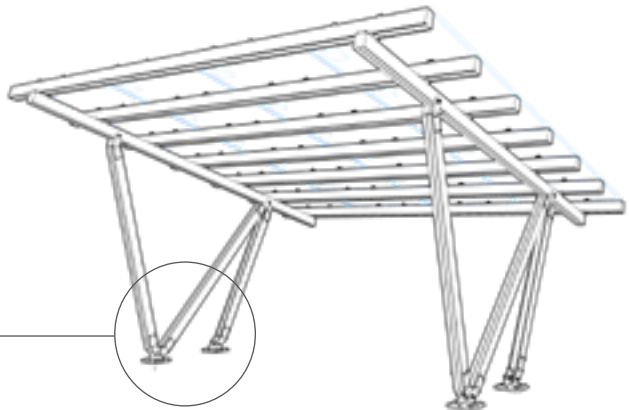
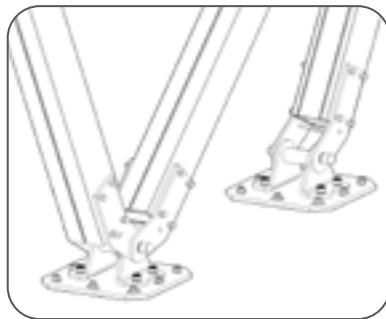


OPTIONAL
PROTECTIVE CASING FOR STAKES
OR ANCHORS

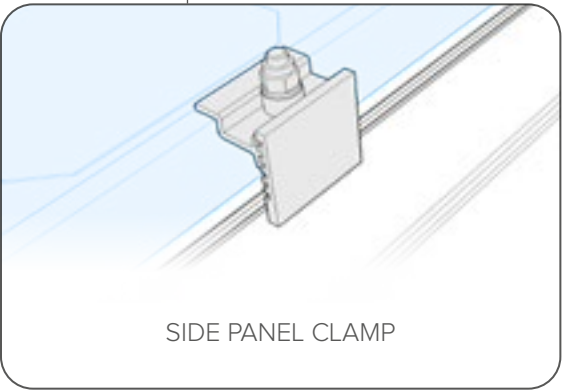
Standard colour: RAL 7044

VERSION WITH HOT-DIP GALVANIZED AND POLYESTER POWDER COATED STEEL ANCHOR PLATES FOR CONCRETE PLINTH OR SLAB

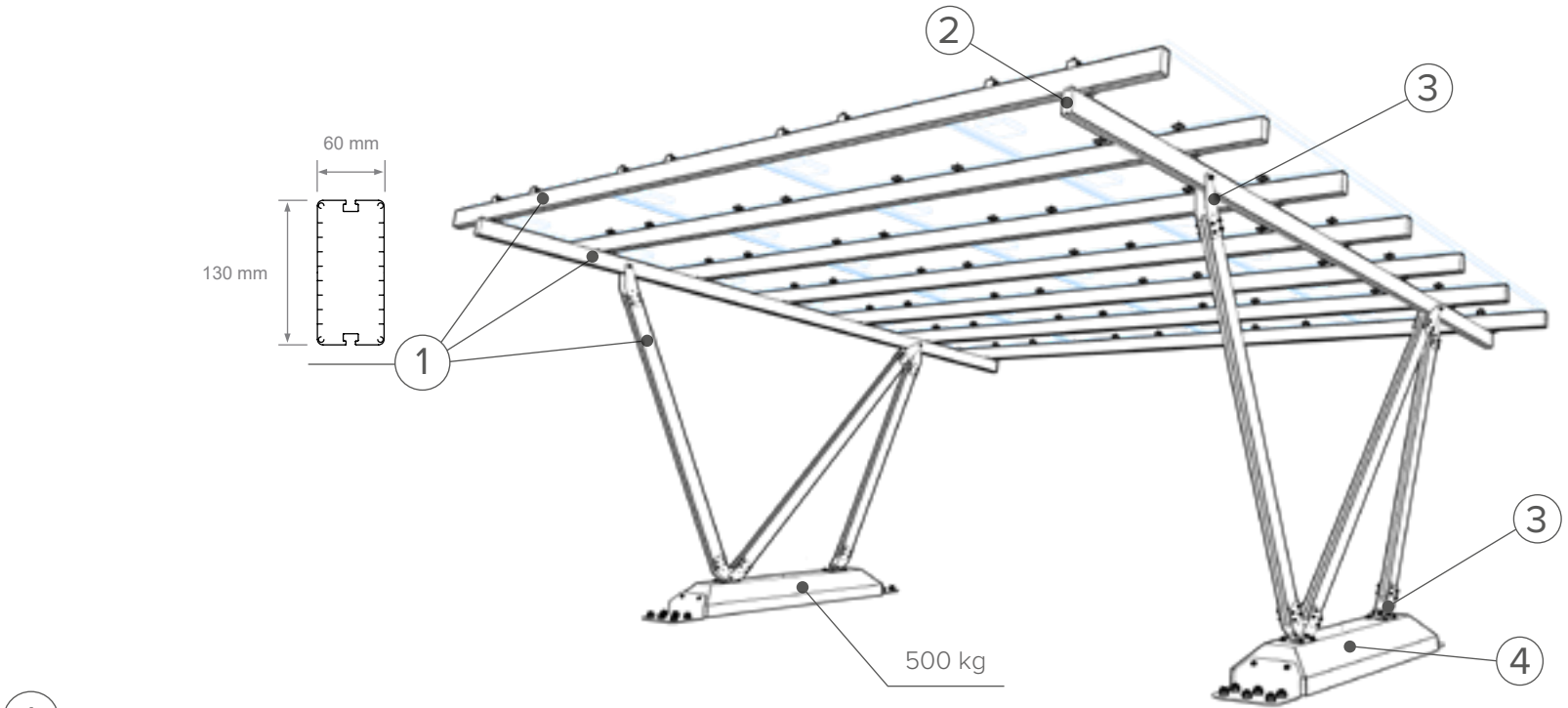
Standard colour: RAL 7044



THE RAPID PANEL FASTENING SYSTEM IS INCLUDED IN THE PRICE. THE QUANTITY AND ARRANGEMENT OF CLAMPS DEPEND ON THE SIZE OF THE STRUCTURE.



- 5 THE STRUCTURE SUPPORTS ANY MODEL AND SIZE OF SOLAR PANEL DUE TO ITS INTEGRATED QUICK FIXING SYSTEM. THE COMPANY DOES NOT SUPPLY SOLAR PANELS.**



- 1 **ALUMINIUM FRAME.**
Standard colour: Silver Anodized
- Non standard colours:
Matt with rough finish - polyester powder coating
- White Dove-Grey Dark-Brown
- Further RAL colours available in both matt and glossy smooth finish.

- 2 **ALUMINUM CAPS SUBJECTED TO POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 3 **STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 4 **CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH**

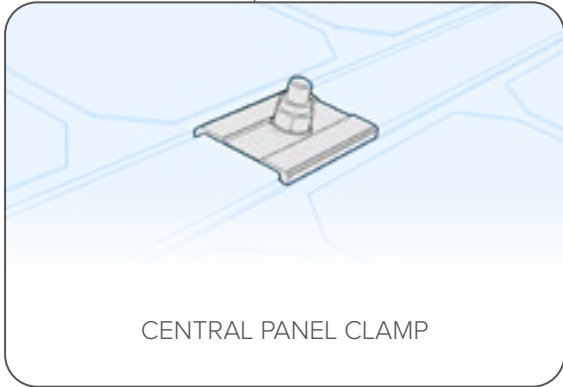
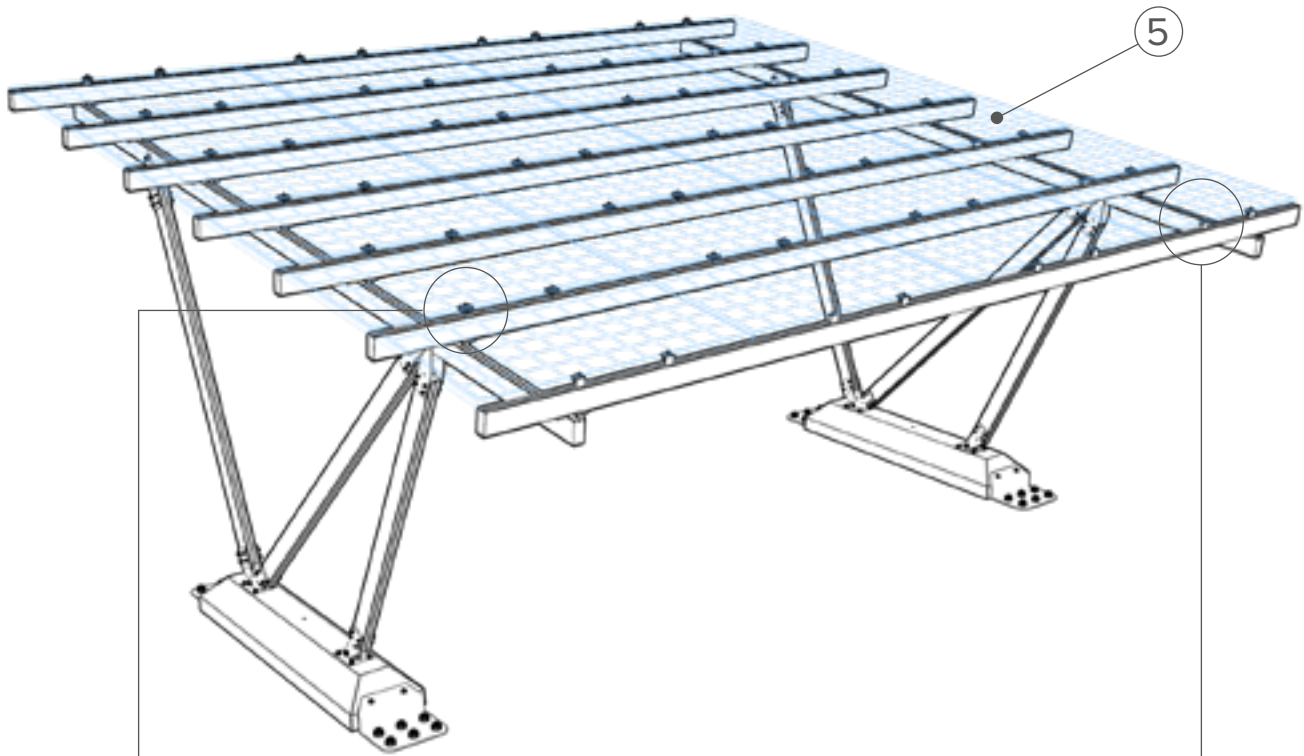
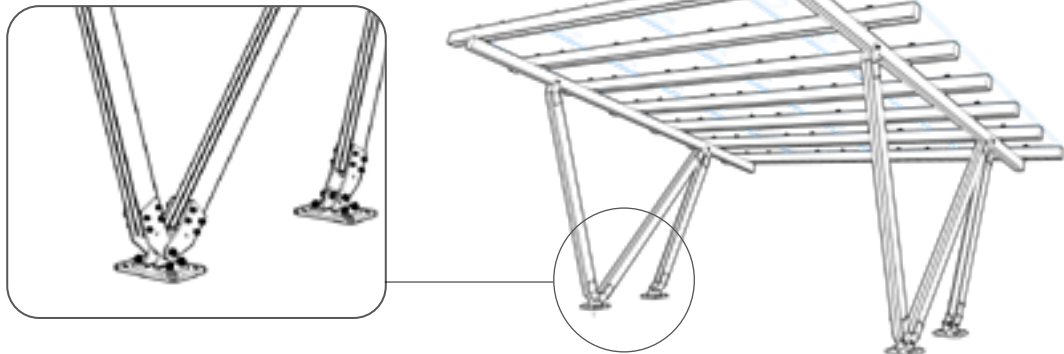


OPTIONAL
PROTECTIVE CASING FOR STAKES
OR ANCHORS

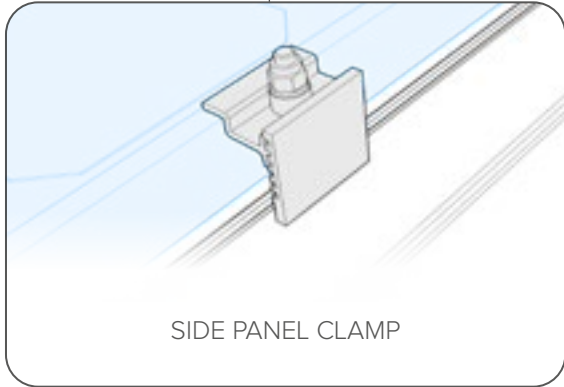
Standard colour: RAL 7044

VERSION WITH HOT-DIP GALVANIZED AND POLYESTER POWDER COATED STEEL ANCHOR PLATES FOR CONCRETE PLINTH OR SLAB

Standard colour: RAL 7044



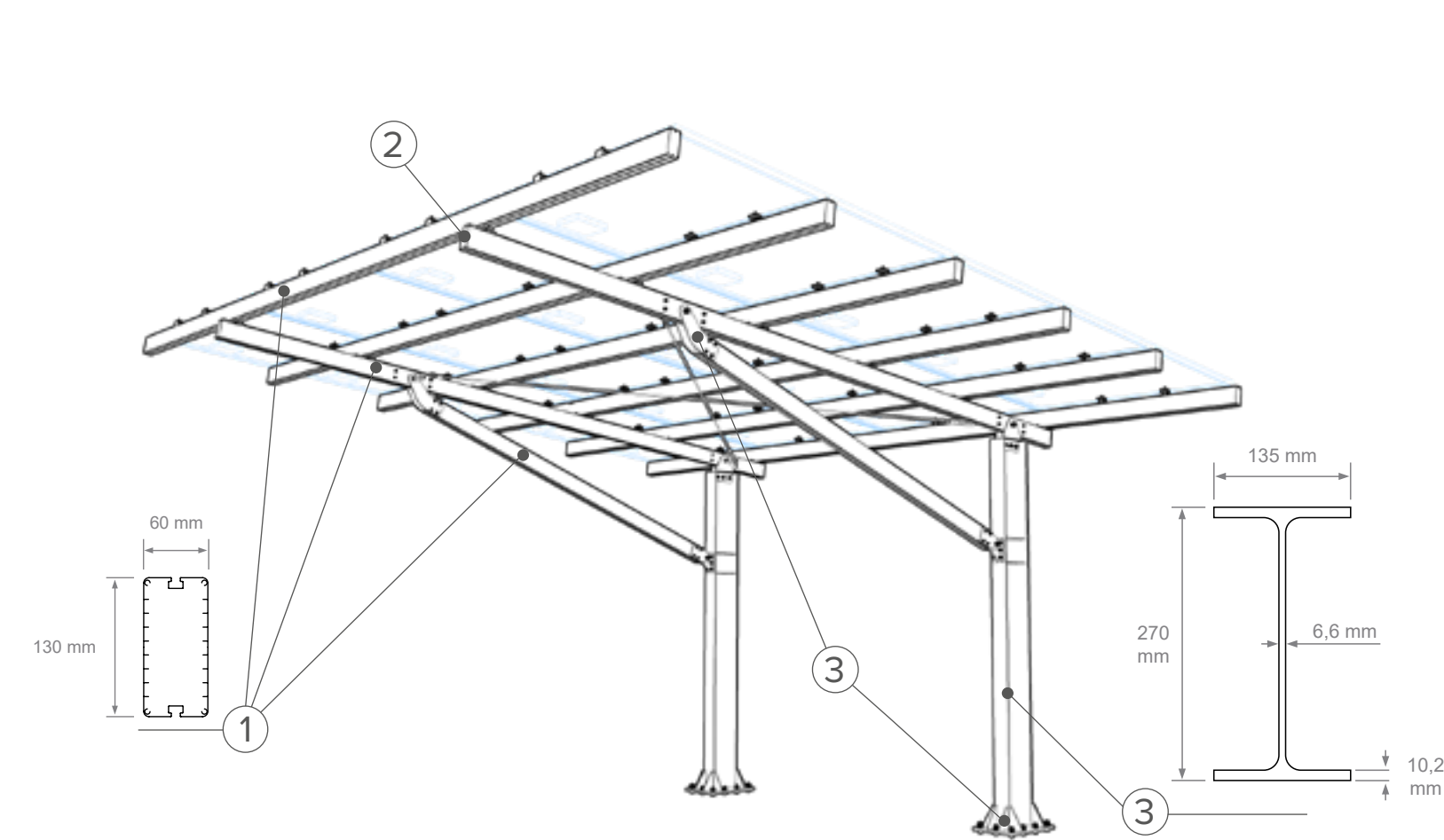
CENTRAL PANEL CLAMP



SIDE PANEL CLAMP

THE RAPID PANEL FASTENING SYSTEM IS INCLUDED IN THE PRICE. THE QUANTITY AND ARRANGEMENT OF CLAMPS DEPEND ON THE SIZE OF THE STRUCTURE.

- 5 **THE STRUCTURE SUPPORTS ANY MODEL AND SIZE OF SOLAR PANEL DUE TO ITS INTEGRATED QUICK FIXING SYSTEM. THE COMPANY DOES NOT SUPPLY SOLAR PANELS.**



1

ALUMINIUM FRAME.

Standard colour:  Silver Anodized

Non standard colours:

Matt with rough finish - polyester powder coating

 White

 Dove-Grey

 Dark-Brown

Further RAL colours available in both matt and glossy smooth finish.

2

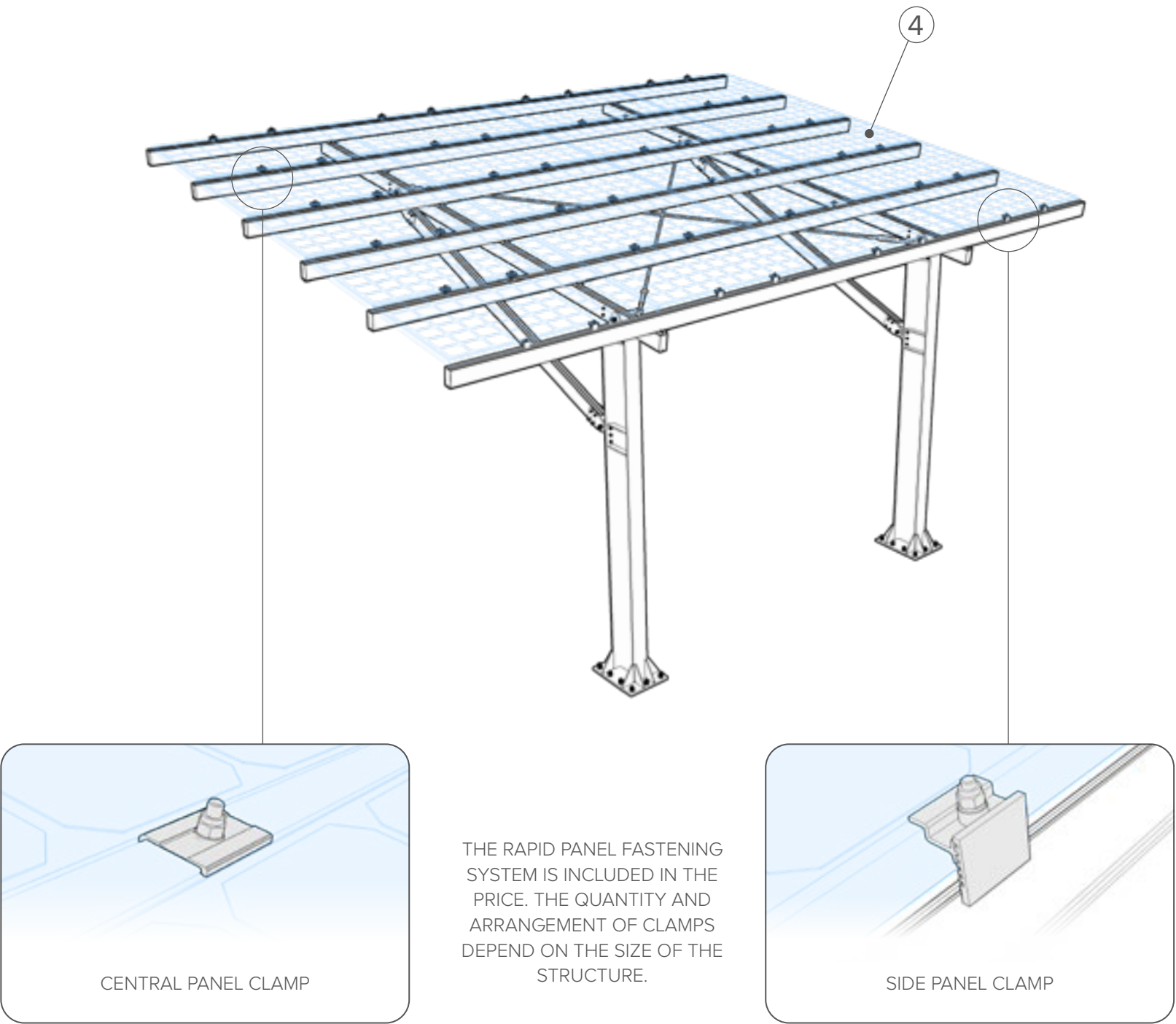
ALUMINUM CAPS SUBJECTED TO POLYESTER POWDER COATING

Standard colour:  RAL 7044

3

STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING

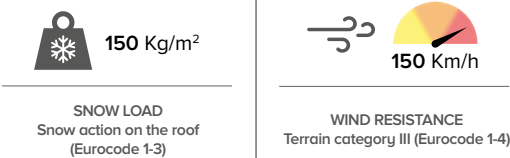
Standard colour:  RAL 7044

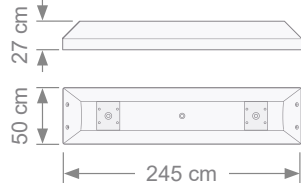
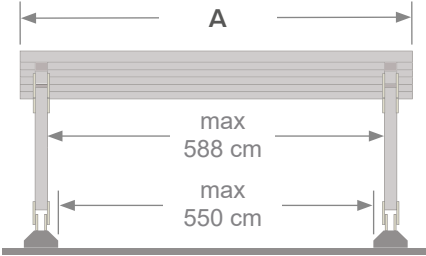
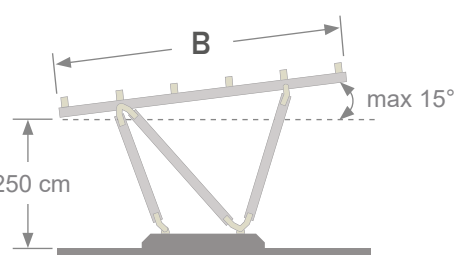







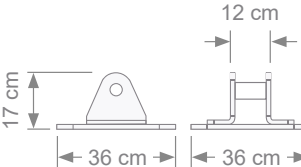
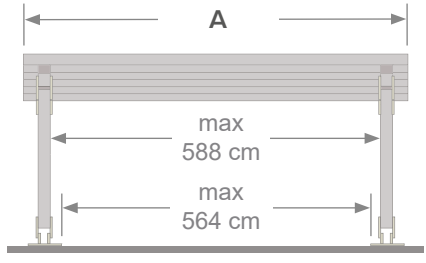
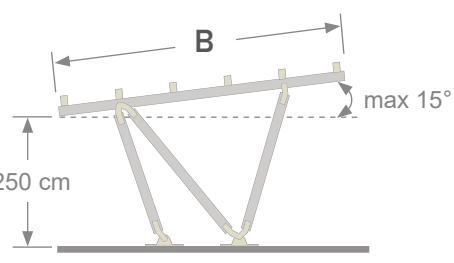





4

THE STRUCTURE SUPPORTS ANY MODEL AND SIZE OF SOLAR PANEL DUE TO THE INTEGRATED QUICK FIXING SYSTEM.
THE COMPANY DOES NOT SUPPLY THE SOLAR PANELS.

PENSILSOLE MAXI
STRUCTURE DIMENSIONS

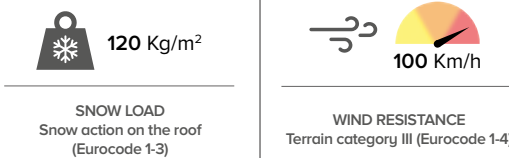


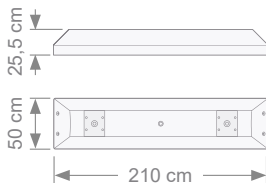
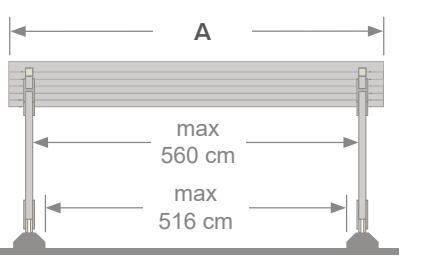
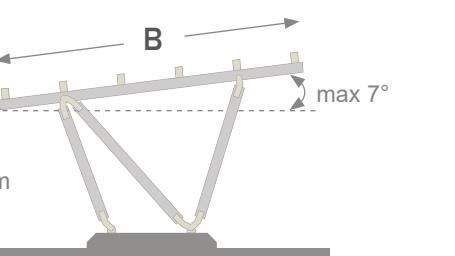





PENSILSOLE MAXI WITH BALLASTS					
<div><div><div>Concrete ballast and sandblasted white granite finish</div><div></div></div><div></div><div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
	20 Solar panels	25 Solar panels	30 Solar panels	40 Solar panels	45 Solar panels
SIDE A (cm)	695	868	1042	1390	1564
SIDE B (cm)	598	598	598	598	598

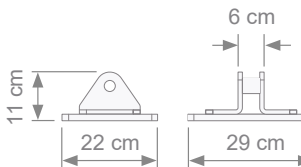
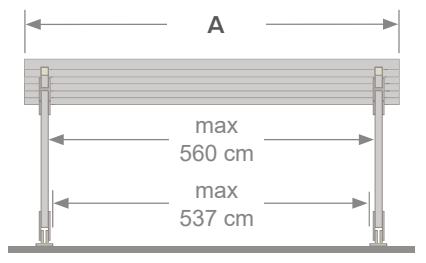
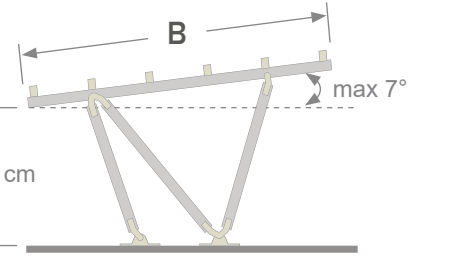





PENSILSOLE MAXI WITH ANCHOR PLATES					
<div><div><div>Hot-dip galvanized and painted steel plate on reinforced concrete foundation</div><div></div></div><div></div><div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
	20 Solar panels	25 Solar panels	30 Solar panels	40 Solar panels	45 Solar panels
SIDE A (cm)	695	868	1042	1390	1564
SIDE B (cm)	598	598	598	598	598

56 The dimensions of the structure can be tailored to meet customer's needs. The sizes on the table are based on a panel measuring 1722 mm × 1134 mm.. The structure with anchor plates requires a foundation system for anchoring to the ground.

PENSILSOLE MIDDLE
STRUCTURE DIMENSIONS




PENSILSOLE MIDDLE WITH BALLASTS					
<div><div><div>Concrete ballast and sandblasted white granite finish</div><div></div></div><div></div><div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
	20 Solar panels	25 Solar panels	30 Solar panels	40 Solar panels	45 Solar panels
SIDE A (cm)	695	868	1042	1390	1564
SIDE B (cm)	592	592	592	592	592

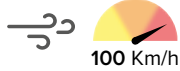
PENSILSOLE MIDDLE WITH ANCHOR PLATES					
<div><div><div>Hot-dip galvanized and painted steel plate on reinforced concrete foundation</div><div></div></div><div></div><div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
	20 Solar panels	25 Solar panels	30 Solar panels	40 Solar panels	45 Solar panels
SIDE A (cm)	695	868	1042	1390	1564
SIDE B (cm)	592	592	592	592	592

The dimensions of the structure can be tailored to meet customer's needs. The sizes on the table are based on a panel measuring 1722 mm × 1134 mm.. The structure with anchor plates requires a foundation system for anchoring to the ground.

PENSILSOLE CANTILEVER
STRUCTURE DIMENSIONS



120 Kg/m²



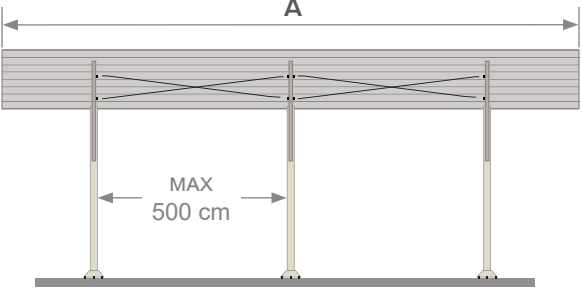
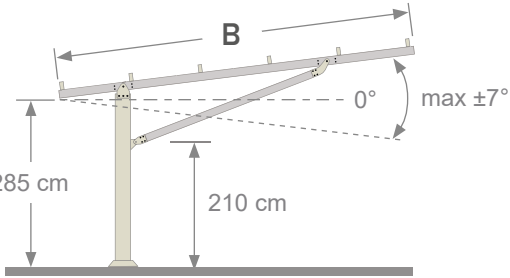
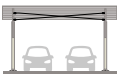
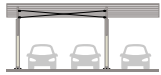

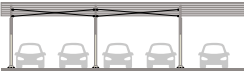
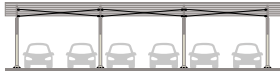
100 Km/h

SNOW LOAD

Snow action on the roof
(Eurocode 1-3)

WIND RESISTANCE

Terrain category III (Eurocode 1-4)

PENSILSOLE CANTILEVER					
<div><div><div>A</div><div>MAX 500 cm</div><div>parking space = 250 cm</div></div><div><div>B</div><div>285 cm</div><div>210 cm</div><div>0° max ±7°</div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Uprights	2 Uprights	3 Uprights	3 Uprights	4 Uprights
	20 Solar panels	25 Solar panels	30 Solar panels	40 Solar panels	45 Solar panels
SIDE A (cm)	695	868	1042	1390	1564
SIDE B (cm)	592	592	592	592	592

The dimensions of the structure can be tailored to meet customer’s needs. The sizes on the table are based on a panel measuring 1722 mm × 1134 mm.. The structure with anchor plates requires a foundation system for anchoring to the ground.



ALUMINIUM

CARPORT

P E N S I L A U T O



The **Pensilauto** aluminum carport features either sandwich panel or galvanized steel trapezoidal sheet metal roofing. The design of pensilauto adheres to a precise optimized static scheme that allows the carport to achieve **high performance standards** by using profiles with a small cross section, providing an elegant and minimal aesthetic result. Anchoring to the ground can be done through above-ground concrete **ballasts** that do not require the preparation of foundations, significantly decreasing the time and cost required for installation. Upon request, however, it is possible to install the structure through **plates** to be anchored to a foundation.

Pensilauto is also available with a **Cantilever** structure, that is, with the **roof cantilevered**, supported by steel pillars attached to a foundation. Upon request, the aluminum carport can be customized by choosing from a wide range of colors and finishes. In particular, the warm hue range and matt finish give pensilauto a more refined appearance in **harmony with natural elements**, while the oven-treated thermoset polyester powder coating increases product **quality** and **resistance** to the wear and tear of time.



5 REASONS TO CHOOSE GIULIO BARBIERI PENSILAUTO

1 SNOW LOAD

The Pensilsole canopy is capable of supporting a snow load on the roof of 150 daN/m² in the maxi version and 120 daN/m² in the middle and cantilever versions.

2 ADAPTABILITY

The structures are easily adaptable to new needs that may arise over time: since they are modular, it is always possible to attach and join a new canopy through a special system of gutters and downspouts; in addition, it is always possible to replace the photovoltaic panels with higher-performance models, even if they have different dimensions.

3 LIMITED MAINTENANCE

Maintenance of shelters and carports is limited to tightening screws and general cleaning on an annual basis, as the structure is made of anodized or thermosetting polyester powder coated aluminum profiles. Joints and structural nodes are made of surface-treated steel using a hot-dip galvanizing process and subsequent polyester powder surface coating.

Aluminum structures are a technological added value, which gives the structural deck strength, elasticity and durability: aluminum does not oxidize, and it is therefore possible to install sunroofs and carports even in dust-saturated atmospheres such as industrial ones or near wetlands or marine areas. At the end of its life, the product allows the transformation of profiles into scrap that will be melted down and processed into new products or profiles for industrial use.

4 QUICK INSTALLATION TIME

Pensilsole and pensilauto are installed quickly, as the structural components are delivered pre-assembled. Quick attachment of PV panels on pensilsole is ensured by specific accessories that are included in the delivery. The load-bearing structures have reinforced concrete bases with a grit finish, so they do not require foundations: this means opening a construction site that is easy to set up and manage, a simplified permitting process, and no need for soil remediation work at the end of the system's life. Versions with steel plates to be attached to an existing or prepared foundation with appropriate excavation at the installation site are also available.

5 CUSTOMIZATION

The structures are customizable in size and finish. Upon request, they can be equipped with advertising banners.











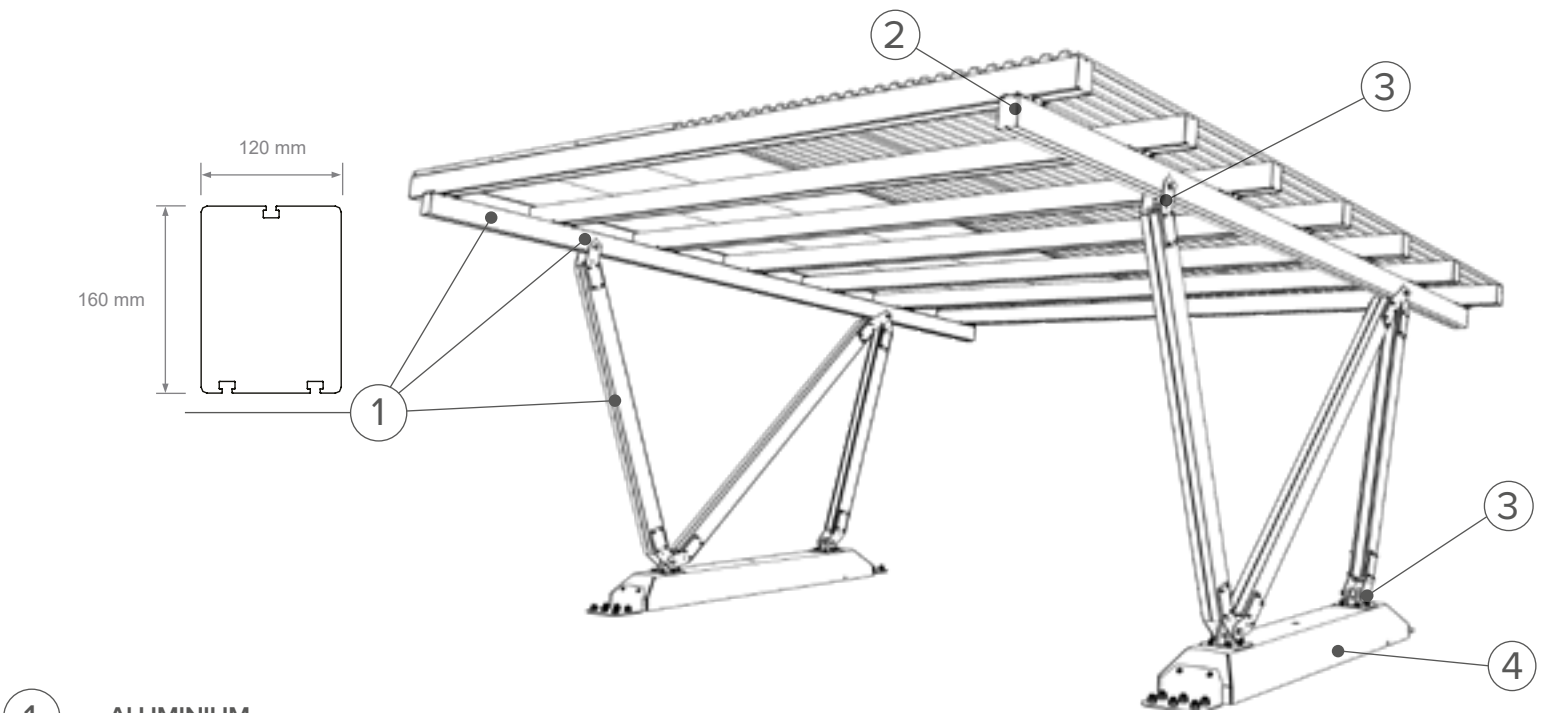












- 1

ALUMINIUM FRAME.
Standard colour: ● Silver Anodized

Non standard colours:
Matt with rough finish - polyester powder coating

○ White

● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish.

- 2

ALUMINUM CAPS SUBJECTED TO POLYESTER POWDER COATING

Standard colour: ● RAL 7044

- 3

STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING

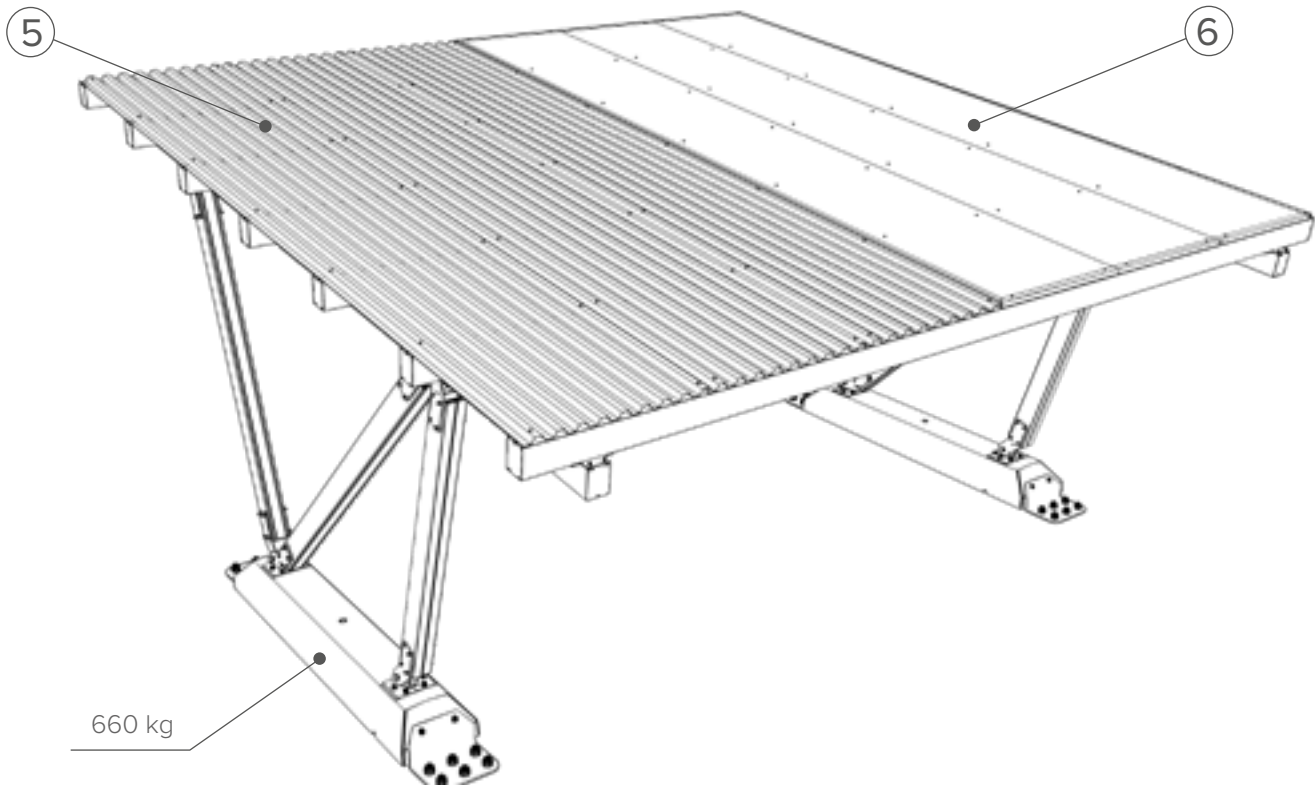
Standard colour: ● RAL 7044

- 4

CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH



- OPTIONAL PROTECTIVE CASING FOR STAKES OR ANCHORS**
- Standard colour: ● RAL 7044



- 5

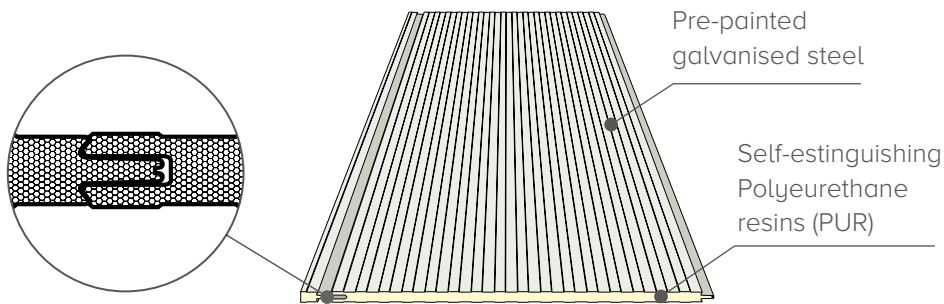
GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS

Standard colour: ● RAL 9002

- 6

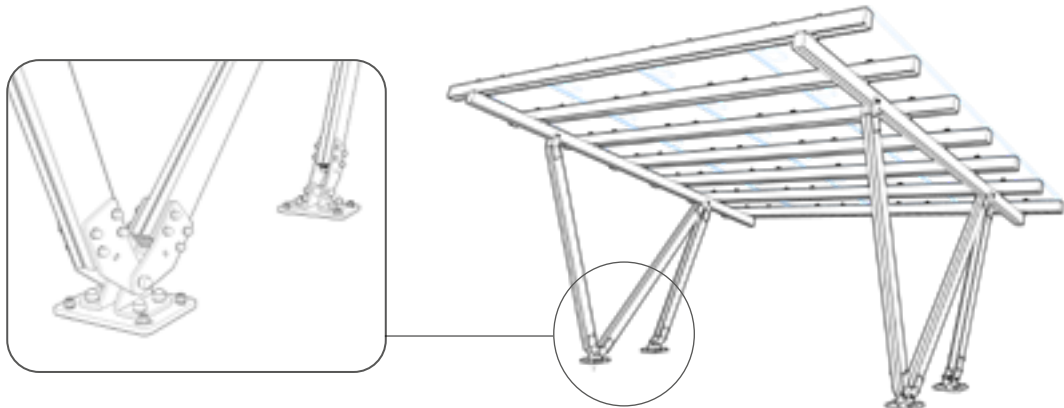
MODULAR SANDWICH PANELS

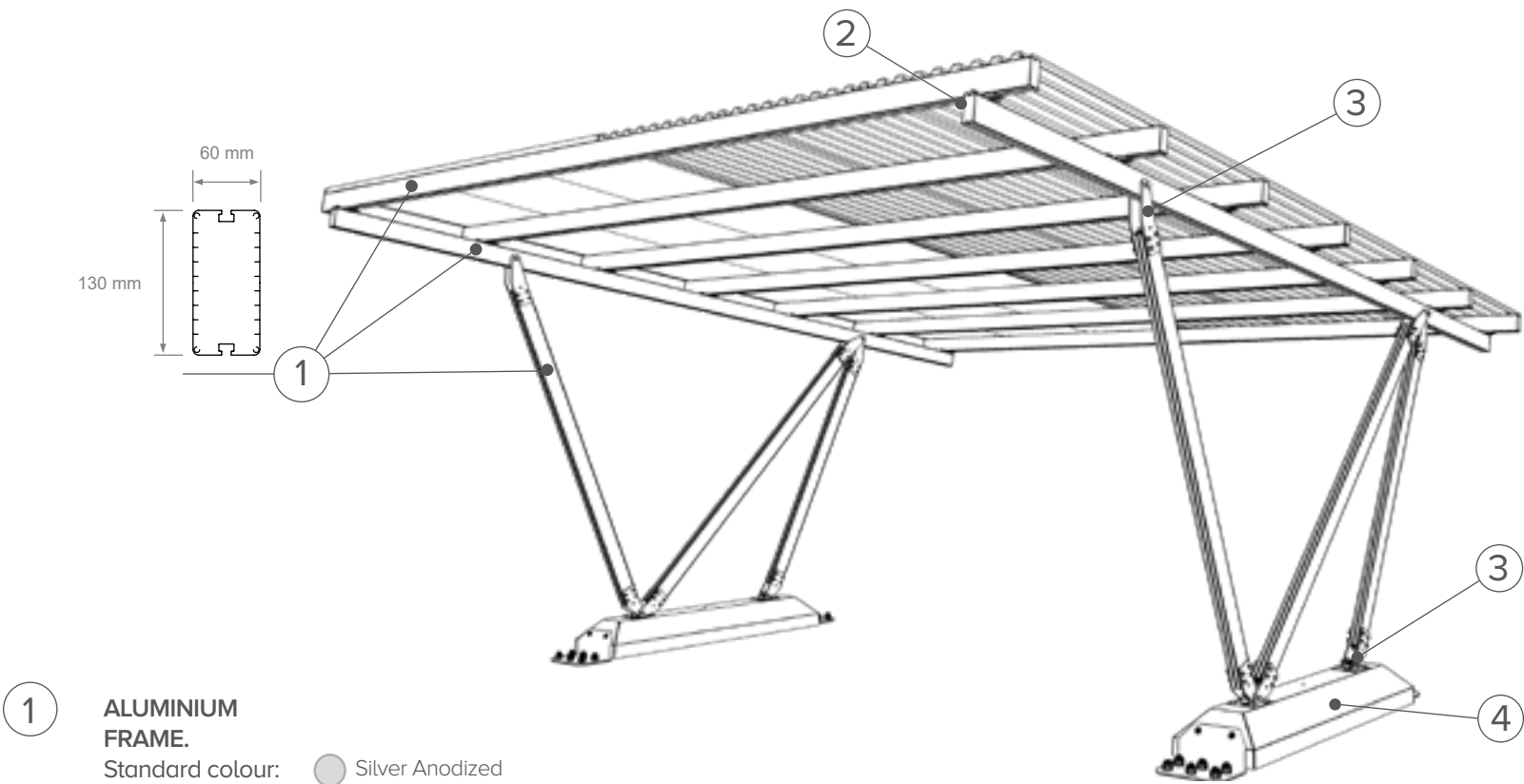
Standard colour: ● RAL 9002



VERSION WITH HOT-DIP GALVANIZED AND POLYESTER POWDER COATED STEEL ANCHOR PLATES FOR CONCRETE PLINTH OR SLAB

Standard colour: ● RAL 7044





- 1 ALUMINIUM FRAME.**
Standard colour: Silver Anodized
- Non standard colours:
Matt with rough finish - polyester powder coating
- White Dove-Grey Dark-Brown
- Further RAL colours available in both matt and glossy smooth finish.

- 2 ALUMINUM CAPS SUBJECTED TO POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 3 STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING**
- Standard colour: RAL 7044

- 4 CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH**

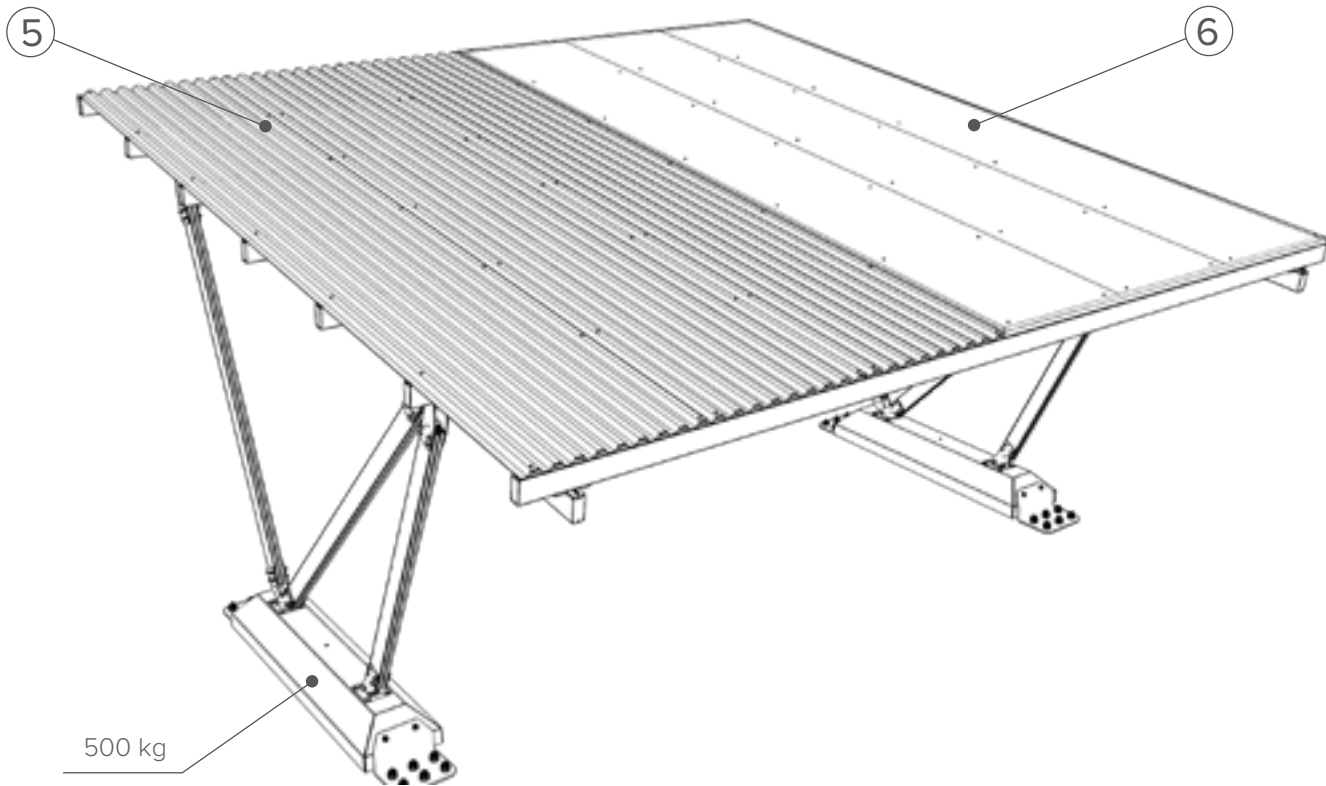
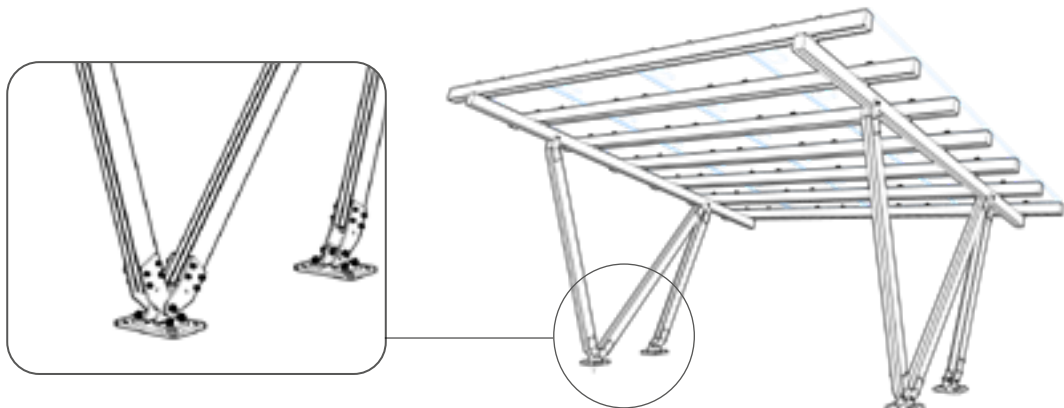


OPTIONAL
PROTECTIVE CASING FOR STAKES
OR ANCHORS

Standard colour: RAL 7044

VERSION WITH HOT-DIP
GALVANIZED AND POLYESTER
POWDER COATED STEEL ANCHOR
PLATES FOR CONCRETE PLINTH OR
SLAB

Standard colour: RAL 7044

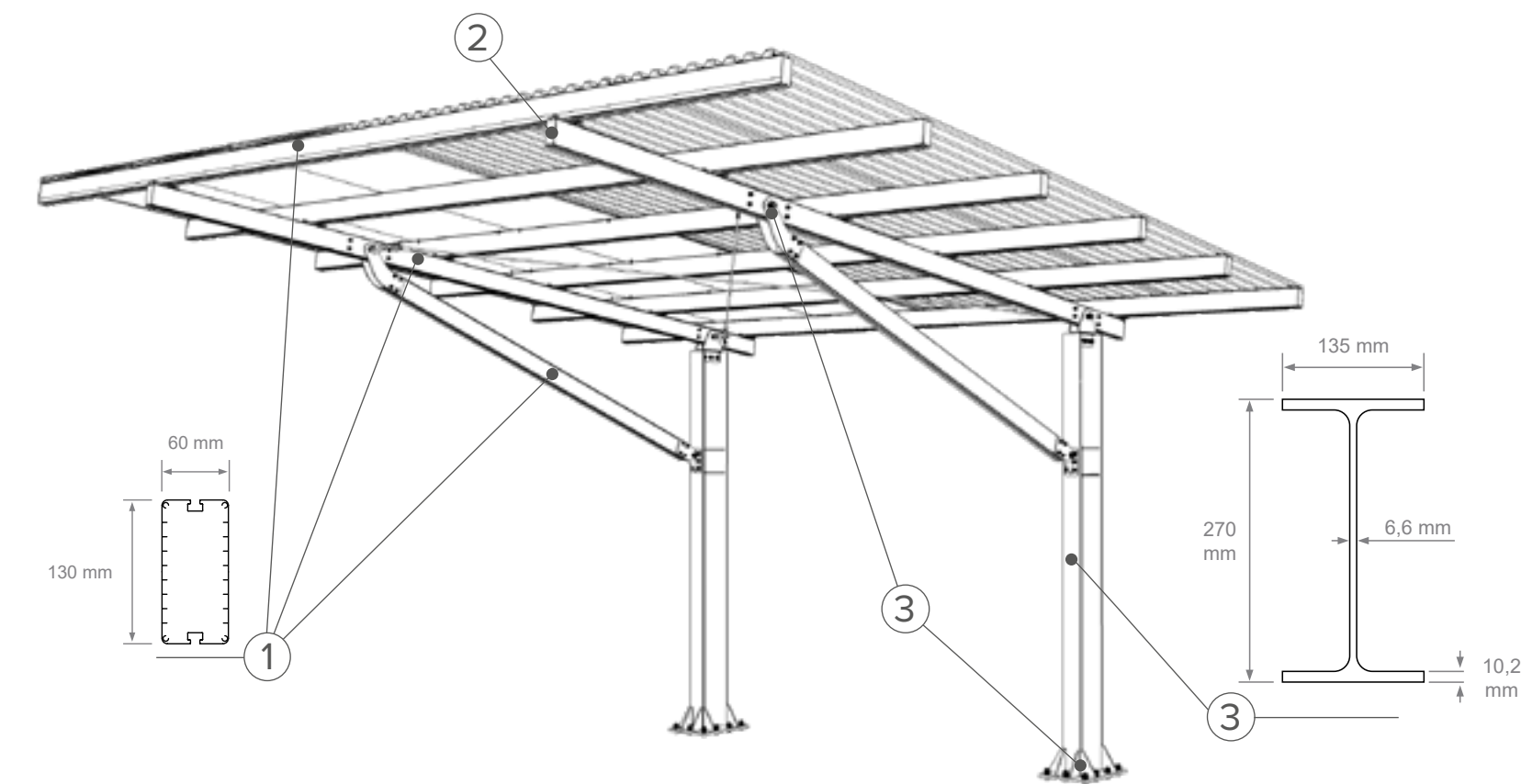


- 5 GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS**
- Standard colour: RAL 9002

- 6 MODULAR SANDWICH PANELS**
- Standard colour: RAL 9002

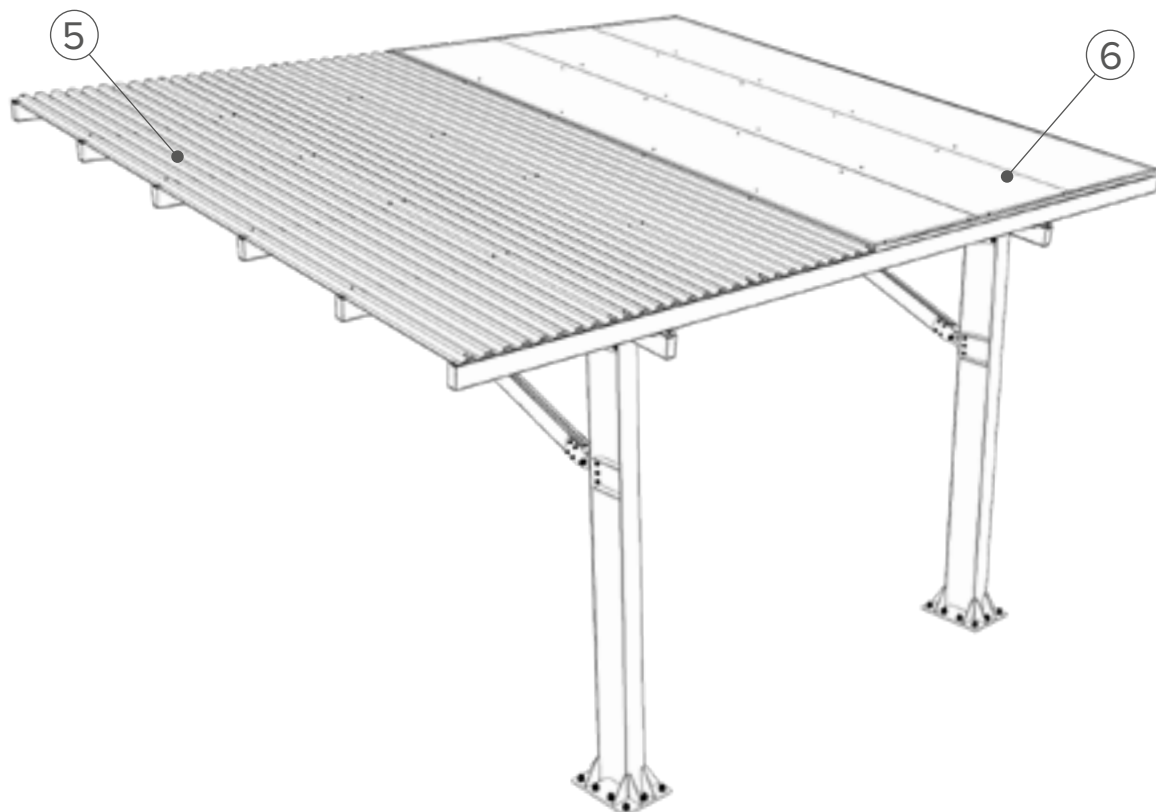


PENSILAUTO CANTILEVER - TECHNICAL DETAILS



- 1 ALUMINIUM FRAME.**
Standard colour: Silver Anodized
Non standard colours:
Matt with rough finish - polyester powder coating
 White Dove-Grey Dark-Brown
Further RAL colours available in both matt and glossy smooth finish.

- 2 ALUMINUM CAPS SUBJECTED TO POLYESTER POWDER COATING**
Standard colour: RAL 7044
3 STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING
Standard colour: RAL 7044



- 5 GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS**
Standard colour: RAL 9002

- 6 MODULAR SANDWICH PANELS**
Standard colour: RAL 9002

Pre-painted galvanised steel
Self-extinguishing Polyurethane resins (PUR)

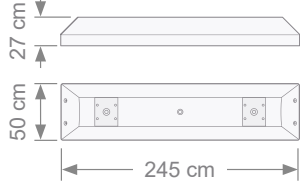
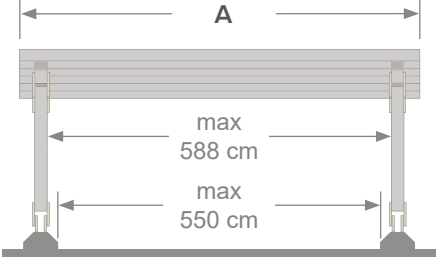
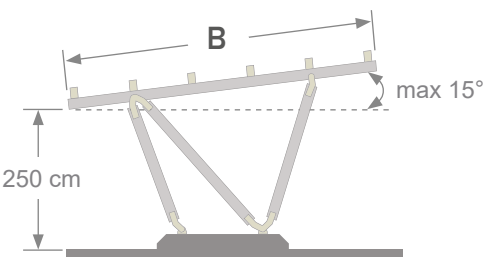





PENSILAUTO MAXI
STRUCTURE DIMENSIONS




150 Kg/m²
SNOW LOAD
Snow action on the roof
(Eurocode 1-3)




150 Km/h
WIND RESISTANCE
Terrain category III (Eurocode 1-4)

PENSILAUTO MAXI WITH BALLASTS					
<div><div><div>Concrete ballast and sandblasted white granite finish</div><div></div></div><div><div><div>A</div><div>max 588 cm</div><div>max 550 cm</div></div></div><div><div><div>B</div><div>max 15°</div><div>250 cm</div></div></div><div>parking space = max 275 cm</div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
SIDE A (cm)	600	850	1070	1400	1600
SIDE B (cm)	600	600	600	600	600

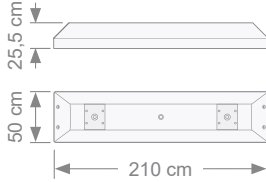
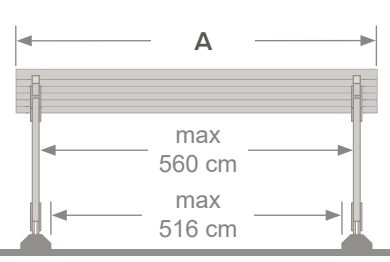
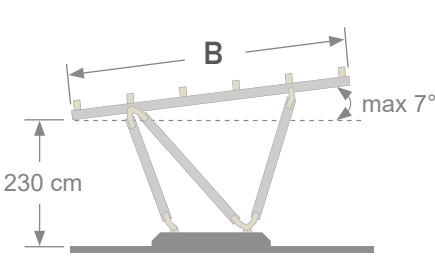





PENSILAUTO MIDDLE
STRUCTURE DIMENSIONS

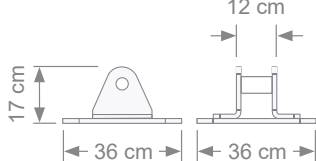
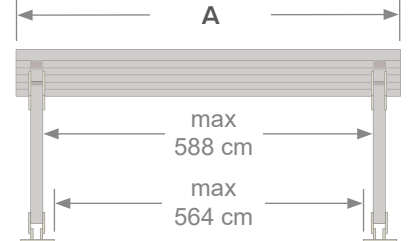
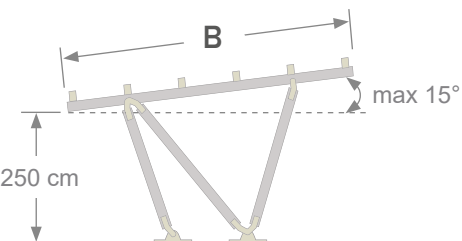



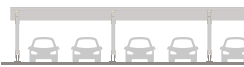
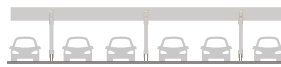


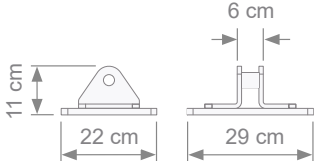
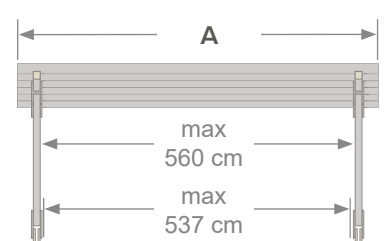
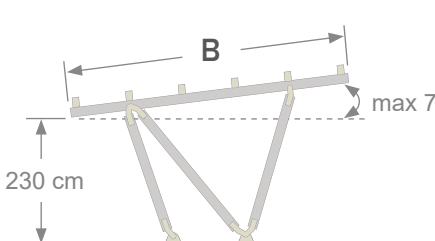



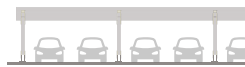
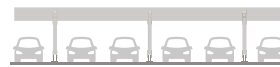
120 Kg/m²
SNOW LOAD
Snow action on the roof
(Eurocode 1-3)



100 Km/h
WIND RESISTANCE
Terrain category III (Eurocode 1-4)

PENSILAUTO MIDDLE WITH BALLASTS					
<div><div><div>Concrete ballast and sandblasted white granite finish</div><div></div></div><div><div><div>A</div><div>max 560 cm</div><div>max 516 cm</div></div></div><div><div><div>B</div><div>max 7°</div><div>230 cm</div></div></div><div>parking space = max 258 cm</div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
SIDE A (cm)	600	825	1000	1400	1600
SIDE B (cm)	500	500	500	500	500

PENSILAUTO MAXI WITH ANCHOR PLATES					
<div><div><div>Hot-dip galvanized and painted steel plate on reinforced concrete foundation</div><div></div></div><div><div><div>A</div><div>max 588 cm</div><div>max 564 cm</div></div></div><div><div><div>B</div><div>max 15°</div><div>250 cm</div></div></div><div>parking space = max 282 cm</div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
SIDE A (cm)	600	850	1070	1400	1600
SIDE B (cm)	600	600	600	600	600

PENSILAUTO MIDDLE WITH ANCHOR PLATES					
<div><div><div>Hot-dip galvanized and painted steel plate on reinforced concrete foundation</div><div></div></div><div><div><div>A</div><div>max 560 cm</div><div>max 537 cm</div></div></div><div><div><div>B</div><div>max 7°</div><div>230 cm</div></div></div><div>parking space = max 268 cm</div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
SIDE A (cm)	600	825	1000	1400	1550
SIDE B (cm)	500	500	500	500	500

PENSILAUTO CANTILEVER
STRUCTURE DIMENSIONS



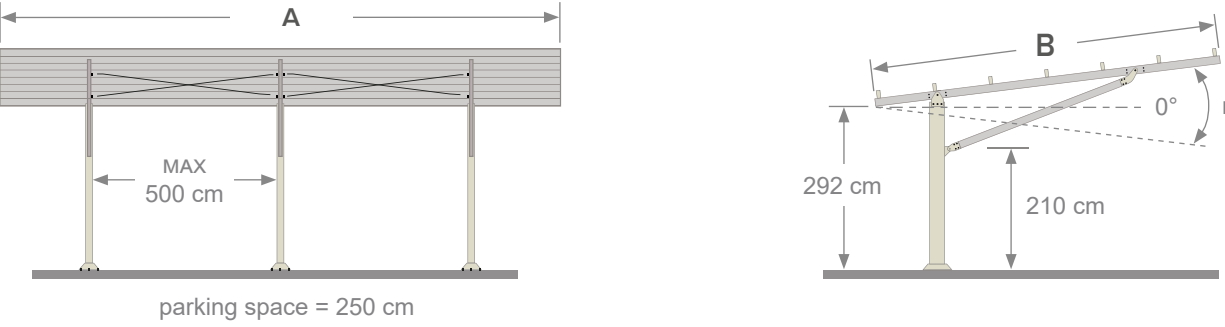
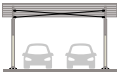
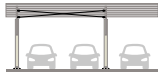
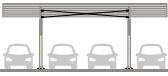
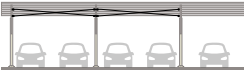

120 Kg/m²

SNOW LOAD
Snow action on the roof
(Eurocode 1-3)



100 Km/h

WIND RESISTANCE
Terrain category III (Eurocode 1-4)

PENSILAUTO CANTILEVER					
<div><div></div></div>					
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Uprights	2 Uprights	3 Uprights	4 Uprights	4 Uprights
SIDE A (cm)	600	825	1000	1250	1500
SIDE B (cm)	500	500	500	500	500

The dimensions of the structure can be tailored to meet customer’s needs. The sizes on the table are based on a panel measuring 1722 mm × 1134 mm.. The structure with anchor plates requires a foundation system for anchoring to the ground.

WARRANTY AND QUALITY

- The products are CE certified. The booklet with the Declaration of Performance (DOP) accompanies the product until its installation is completed.
- Fireproofing certificates are supplied for each type of tarp.
- The structures are structurally tested and comply with the loads required by current legislations, DM 17 January 2018 Technical Standards for Buildings (Norme Tecniche per le Costruzioni) NTC 2018 and UNI EN 1991
- The structural elements made of aluminum are covered by a 5-year guarantee*
- Since 1990, we design and industrialize our collections completely in Italy, at the Poggio Renatico plants.

* For further details about the warranty please see the terms and conditions of sale Giulio Barbieri S.r.l. indicated in the official price list.

CONTACTS

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Fax (+39) 0532 821555

www.giuliobarbieri.it



ADERENTE A
**CONFINDUSTRIA EMILIA
AREA CENTRO**
Le imprese di Bologna,
Ferrara e Modena

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1-300-1-22-B



GIULIO BARBIERI

giuliobarbieri.it