

CAMARGUE SKYE®

PRODUCT INFORMATION

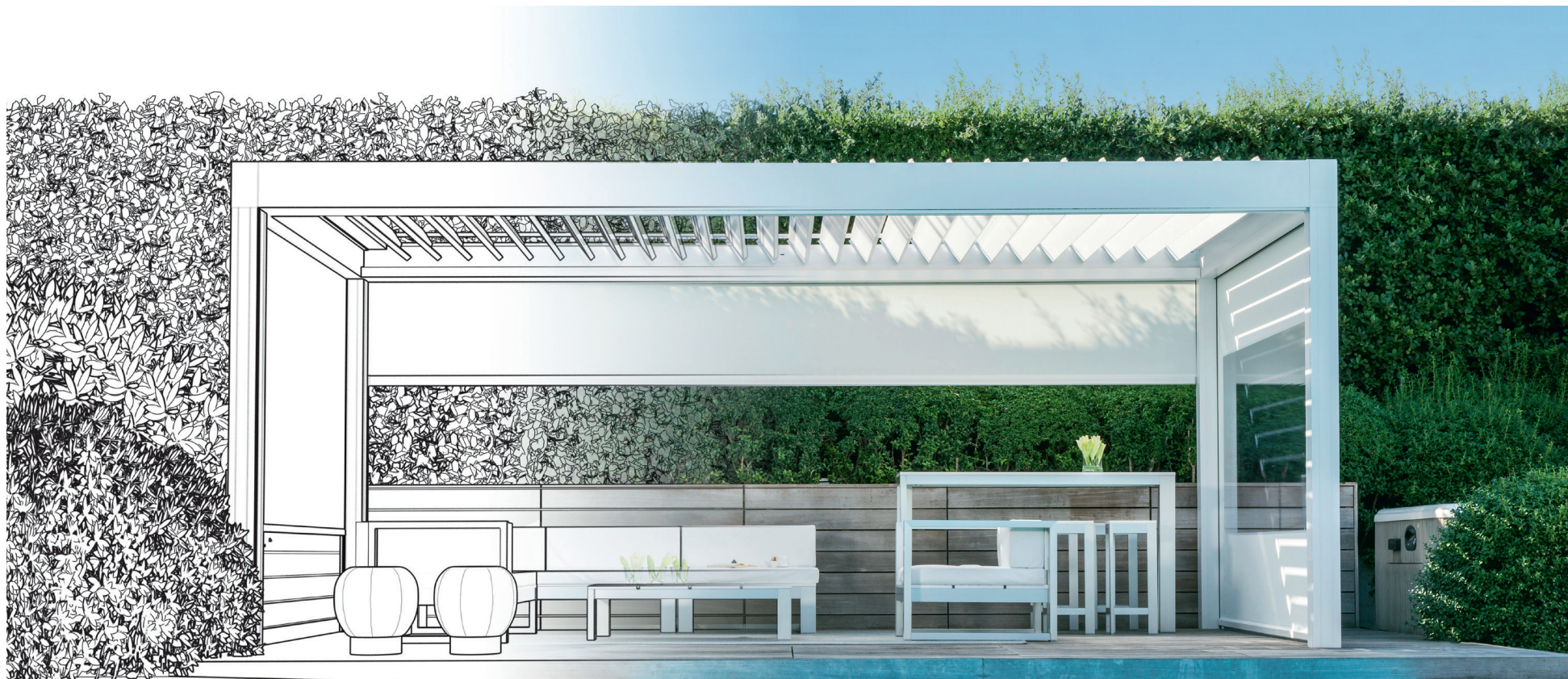


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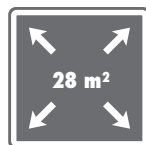




DESCRIPTION

Modular aluminium patio cover with rotating and sliding blades and integrated side elements.

- Fully retractable roof
- Durable rotation and sliding technology thanks to patented S-drive technology
- All accessories are beautifully integrated
- Can be joined in multiple parts in the span or pivot
- Protection from the sun, rain and wind
- Can be controlled using io, RTS or the Renson® Connect App*



One roof section



SUN
PROTECTION

VENTILATING

WATER
RESISTANT

RETRACTABLE

* Full operation via the Renson Connect app is only possible in countries where Somfy io is legally allowed. In countries where only Somfy RTS is allowed, operation of Fixscreen, Led-lighting and heating is done via separate hand transmitter.

BENEFITS

Design



1 THE ROOF IS COMPLETELY FLAT WHEN CLOSED

2 MINIMAL GAPS BETWEEN THE BLADES

3 MODULAR DESIGN

Expandable to include multiple roof sections, even after initial installation. The structure can be endlessly expanded on both the span and pivot side to cover large surface areas.

4 INVISIBLE SCREWS

Create an elegant and sleek structure

5 THE FABRIC ROLLER TUBE IS FULLY INTEGRATED INTO THE STRUCTURE

INNOVATION

No visible screen head box disrupting the aesthetic

6 THE BOTTOM BAR DISAPPEARS INTO THE HEAD BOX

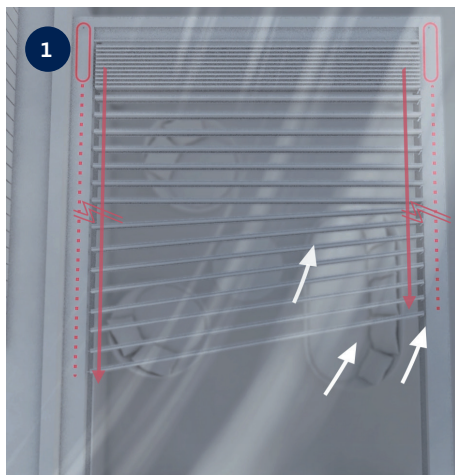
7 INTEGRATED MOTOR FORMS A STUNNING MINIMALIST DESIGN, WITHOUT A MOTOR DISRUPTING THE AESTHETIC

8 INTEGRATED FIXSCREEN SIDE GUIDING CHANNELS IN THE COLUMNS

INNOVATION

Full aesthetic integration with the Camargue structure

Quality



1 'TRAIN' SYSTEM (OTHER BRANDS ON THE MARKET)

Only the first blade [the locomotive] is driven, and all other blades [the carriages] are passively pulled along

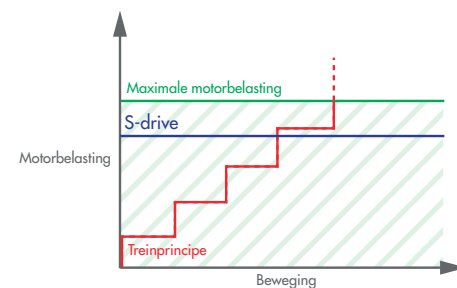
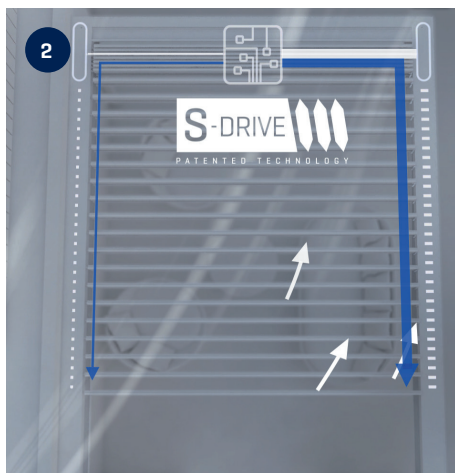
2 SYNCHRONISED DRIVE ON BOTH SIDES OF THE BLADES

Even with an asymmetric load, the roof will open and close in one smooth movement

3 RENSON® S-DRIVE

INNOVATION

Driven by a spindle that evenly distributes traction across all blades



4 SPINDLE FOR SLIDING BLADES

INNOVATION

5 TROLLEYS ON RAILS ENSURE SMOOTH AND STABLE MOVEMENT

Each blade is driven individually

6 HEXAGONAL AXLE FOR ROTATING BLADES

7 STRONG, DOUBLE-WALLED BLADES CAN HANDLE HEAVY SNOW LOADS



8 UNIQUE END CAPS

provide a solid corner connection and perfect water drainage

9 NO HOLES IN THE WATER CHANNEL

An additional chamber means no holes need to be drilled in the water channel when affixing side inserts.

10 WELDED ALUMINIUM DRIPS, POWDER COATED TO MATCH THE COLOUR OF THE ROOF BLADES

11 INTEGRATED WATER DRAINAGE WITH LARGE FLOW RATE

Through the wide blade gutters, water flows towards the gutters (with diffusers to counter splashing) before being drained via PVC drainpipes integrated into the columns.

Customisation

1 WIDEST RANGE OF SIDE INFILLS

2 BACK ORDERS POSSIBLE

3 ACCESSORIES

For more information about the possible accessories, see the 'Accessories' section and/or the product information for the various accessories.



Comfort

1 MAXIMUM NATURAL LIGHT

The blades not only rotate through 135°, they can also be fully retracted

2 SPECIALLY DEVELOPED GUTTER BORDER

INNOVATION

Prevents your patio and furniture from getting wet when the blades are opened following a rain shower

3 SILENT AND SOFT CLOSING MECHANISM BY ADDING A BRUSH TO THE BLADES

4 QUICK INSTALLATION

Thanks to maximum pre-assembly and the modular structure of the various junctions



TECHNICAL DETAILS



| Dimensions | |
|--|------------------------------|
| Span | Min. 1800* mm - max. 4500 mm |
| Pivot | Min. 3250* - max. 6200 mm |
| Passage height | Min. 415 mm - max. 2800 mm |
| Total height with blades closed | Passage height + 260 mm |
| Total height with blades 90° open | Passage height + 355 mm |
| Minimum height required when installed under a roof overhang | Passage height + 365 mm |
| Blade rotation | Max. 135° |
| Minimum number of water drainage points < 16 m² | 1 |
| Minimum number of water drainage points > 16 m² | 2** |
| Operating methods | |
| Renson® Connect App*** | ✓ |
| Renson Connect App + transmitter **** | ✓ |
| Home automation ready | ✓ |

* Smaller dimensions [span min. 1800 mm and pivot min. 1256 mm] possible by special request to pre-sales - drawing office.

** Please note: If only one column is used, the water drainage capacity will be limited to 0.025 l/m².s [90 l/h]

*** For countries where Somfy io is legally allowed

**** For countries where only Somfy RTS is allowed

Electrical bladed roof drive

| Parameters | Value |
|--|--------------------|
| Supply voltage | 230 Volt AC, 50 Hz |
| Transformer current range | 0 - 3.5 Ampère |
| Transformer power | 2 x 150 W |
| Motor voltage | 24 Volt DC |
| Motor nominal current | 6 Ampère |
| Protection rating | IP 65 |
| Maximum running time with continuous use | Approx. 10 minutes |
| Automatic | 16 A Curve C |



Standard configuration

Structure

- Free-standing or façade mounted (against whole wall or partial connection)
- Standard mounting bases (visible, invisible or cast)
- Custom span, pivot and passage height with mm precision

Finish

- Seaside Quality A
- Monocolour or dual colour according to Renson® standard colours
- Integrated water drainage (incl. PVC drainage pipes and anti-splash diffusers in the gutter)
- Adjustable installation and drainage holes

Camargue Skye weight

| Total weight [kg] of entire Camargue Skye | | | | | | | | | |
|---|------------------|----------|------|------|------|------|------|------|------|
| Span | | | | | | | | | |
| Pivot | Dimensions in mm | # blades | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 |
| | 3250 | 13 | 235 | 268 | 300 | 333 | 366 | 398 | 431 |
| | 3410 | 14 | 245 | 279 | 313 | 347 | 382 | 416 | 450 |
| | 3625 | 15 | 257 | 292 | 328 | 364 | 400 | 435 | 471 |
| | 3840 | 16 | 268 | 306 | 343 | 380 | 418 | 455 | 492 |
| | 4055 | 17 | 280 | 319 | 358 | 397 | 436 | 475 | 514 |
| | 4270 | 18 | 292 | 333 | 373 | 414 | 454 | 494 | 535 |
| | 4485 | 19 | 304 | 346 | 388 | 430 | 472 | 514 | 556 |
| | 4700 | 20 | 316 | 360 | 403 | 447 | 490 | 534 | 577 |
| | 4915 | 21 | 328 | 373 | 418 | 463 | 508 | 553 | 598 |
| | 5130 | 22 | 340 | 386 | 433 | 480 | 526 | 573 | 620 |
| | 5345 | 23 | 352 | 400 | 448 | 496 | 544 | 593 | 641 |
| | 5560 | 24 | 364 | 413 | 463 | 513 | 563 | 612 | 662 |
| | 5775 | 25 | 375 | 427 | 478 | 529 | 581 | 632 | 683 |
| | 5990 | 26 | 387 | 440 | 493 | 546 | 599 | 652 | 704 |
| | 6200 | 26 | 396 | 449 | 502 | 555 | 607 | 660 | 713 |

The table above shows the weight of the Skye frame; the weight of the columns and mounting bases is not included. Each column in the configuration adds an extra weight of 5.7 kg/column metre.

Standard mounting base weight

- invisible mounting base: 2050 g
- cast mounting base: 3590 g
- visible mounting base: 4450 g
- visible [corner]: 3085 g

Reinforced mounting base weight

- invisible mounting base: 7240 g
- visible mounting base: 11285 g
- visible [corner]: 9010 g

Camargue Skye snow load

| Maximum snow load Camargue Skye (kg/m²) | | | | | | | | | | | | |
|---|---------------------|------|------|------|------|------|------|------|------|------|------|------|
| Span | | | | | | | | | | | | |
| | Dimensions in mm | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 |
| Pivot | 4000 | 866 | 563 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 4250 | 866 | 563 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 4500 | 866 | 563 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 4750 | 862 | 563 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 5000 | 727 | 563 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 5250 | 619 | 536 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 5500 | 530 | 459 | 385 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 5750 | 457 | 395 | 348 | 273 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 6000 | 396 | 342 | 301 | 268 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |
| | 6200 | 354 | 306 | 269 | 240 | 199 | 149 | 113 | 87 | 68 | 53 | 41 |



ACCESSORIES



| Comfort pack | | Back order |
|----------------------------------|---|------------|
| Fixscreen + Lineo Led | - | - |
| Side infills | | |
| Integrated Fixscreen | ✓ | ✓ |
| Algarve Fixscreen | - | - |
| Lapure Fixscreen | - | - |
| Triangle | - | - |
| Loggia® sliding door | ✓ | ✓ |
| Loggiascreen Canvas sliding door | ✓ | ✓ |
| Glass sliding panels* | ✓ | ✓ |
| Linus wall* | ✓ | ✓ |
| Linarte wall* | ✓ | ✓ |
| Outdoor curtains | ✓ | ✓ |
| Comfort | | |
| Lighting | | |
| Lineo Led | - | - |
| UpDown Led | ✓ | ✓ |
| Colomno Led | ✓ | - |
| Lapure Led | - | - |
| Comfort and design | | |
| Beam Heat & Sound** | ✓ | ✓ |
| Lineo Luce | - | - |
| Lineo Fix | - | - |
| Lineo Heat | - | - |
| Waterproof wall mounting | - | - |
| Protecto protective profile | - | - |
| Automation | | |
| Wind sensor | ✓ | ✓ |
| Rain sensor | ✓ | ✓ |
| Sun sensor | - | - |

* subject to use of reinforced mounting bases on adjacent columns

** only possible on span, not on pivot

| Styling | | Back order |
|------------------------|---|------------|
| Classic Line | - | - |
| Wooddesign roof blades | ✓ | - |
| Columns | | |
| Extra column | ✓ | - |
| Shifted column*** | ✓ | - |
| Adjustable wall column | ✓ | - |

*** Shifted column only possible on the non-pile side



CERTIFICATES & TESTING

CE – DoP documents

- CE / DoC / DoP / ETA

Certificates

- REACH / seaside/coastal powder coating guarantee
- RoHS / AluEco
- VMRG sun protection

Declarations

- Declaration of material codes
- Declaration of powder coating
- Declaration of anodisation layer thickness
- Declaration of glass properties
- Declaration of fire resistance / reaction
- Declaration of endurance cycles
- Declaration of safety resistance water pocket
- Declaration of electrical safety
- Declaration of asbestos
- Declaration of UV resistance / gtot + others

Test reports – calculations

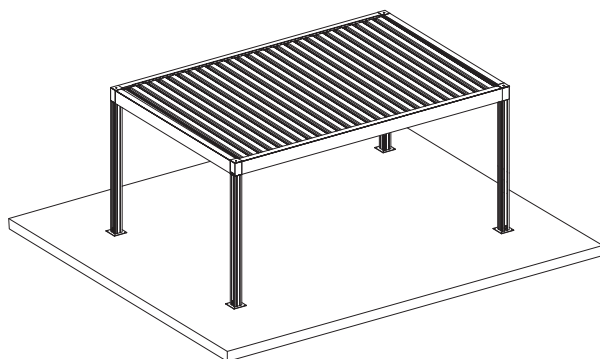
- Environmental statement (recycled aluminium)
- Anchoring requirements
- Wind [load] testing / verification certificate
- Static load test / calculations

| | |
|--|-------------------------|
| Wind guarantee of roof with blades closed | up to 160 km/h |
| Fixscreen wind guarantee when closed | up to 60 km/h |
| Wind guarantee of roof with blades closed and rotated to a vertical position (90°) | 120 km/h |
| Wind guarantee of roof with blades retracted | 160 km/h |
| Max. wind speed for roof or Fixscreen operation | up to 50 km/h |
| Water drainage flow | 150 l/m ² /h |
| Load-bearing capacity | 100 kg/m ² |

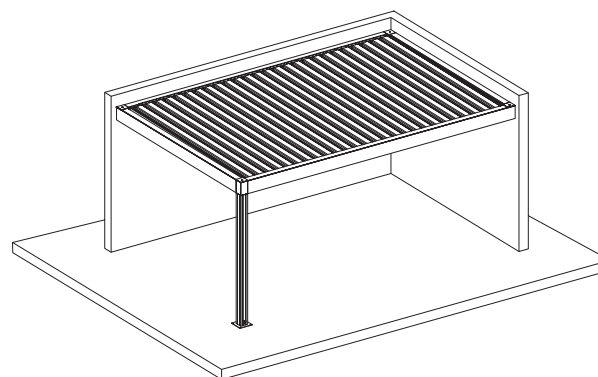
CONFIGURATION

Type

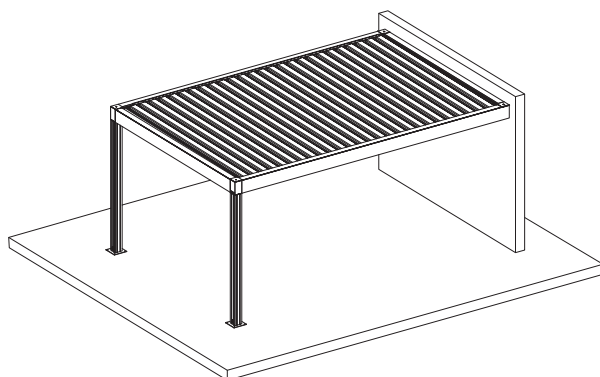
Single



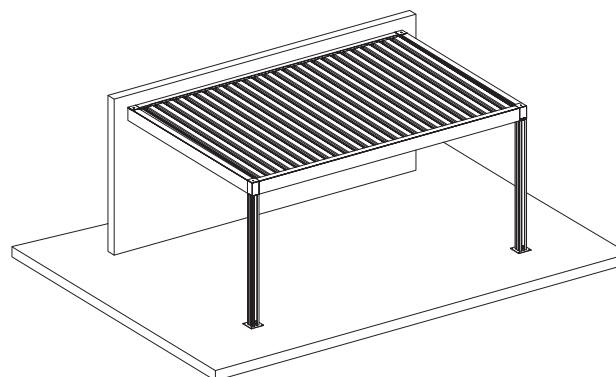
Free-standing



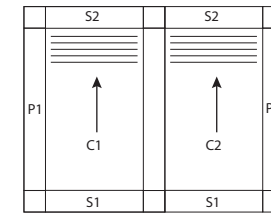
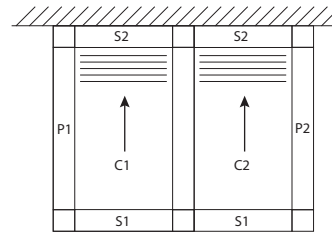
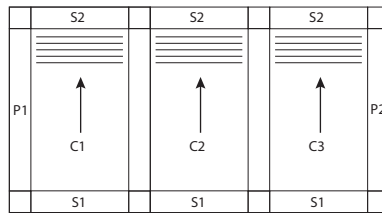
Façade-mounted on span and pivot side



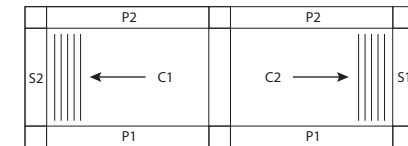
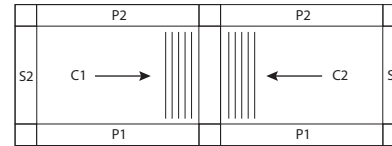
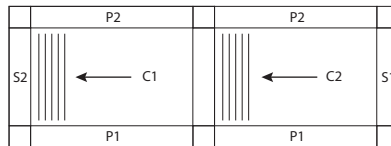
Façade-mounted on span side



Façade-mounted on pivot side

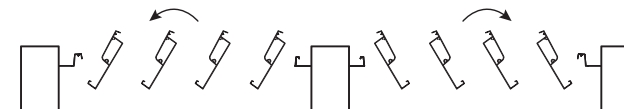
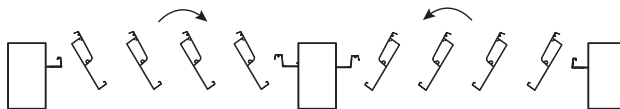
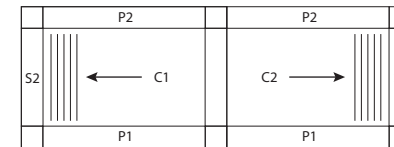
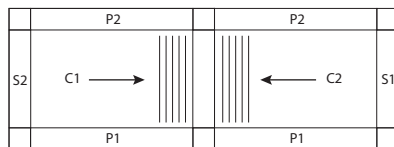


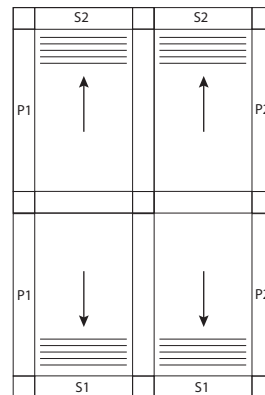
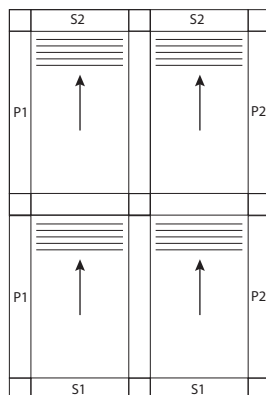
- Joined on 2 or 3 sections
- Stacking direction the same for all roof sections
- For free-standing or wall mounted types [1 or more sides]



- Joined on 2 sections
- Stacking direction: same direction, towards each other, away from each other
- For free-standing or wall mounted types [1 or more sides]

The blades of the 2 roof sections rotate differently towards each other in the 2 configurations below:



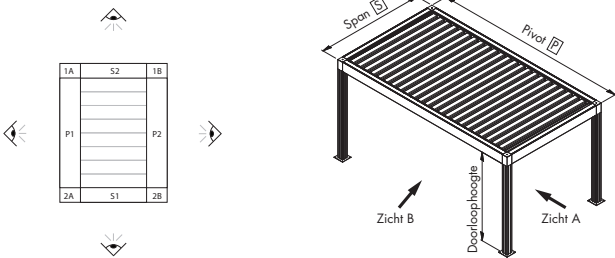


Combination Camargue / Camargue Skye is only possible in the case that all roof sections are of the same type in the span direction. Attention: in that case the coupled pivot of the Camargue part is not as wide as the coupled pivot of the Camargue Skye part, as we do not have existing profiles for that.

Construction method

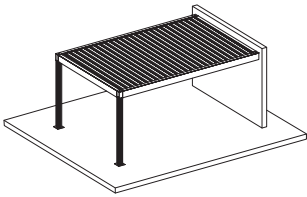
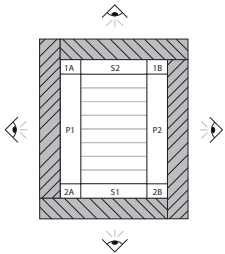
Free-standing

The sides are completely separate from any walls; the cover is not mounted against any walls.

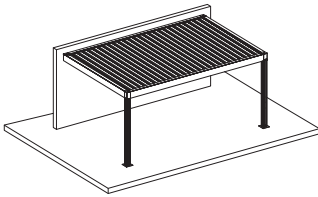


Full-length wall mounted

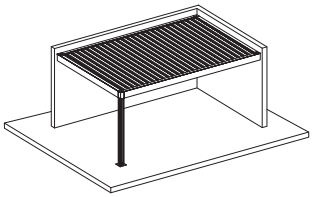
The full length of the side is mounted against a wall.



full-length wall mounted (façade mounted) on span side



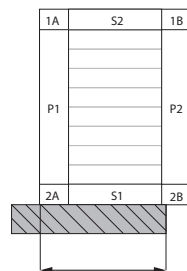
full-length wall mounted (façade mounted) on pivot side



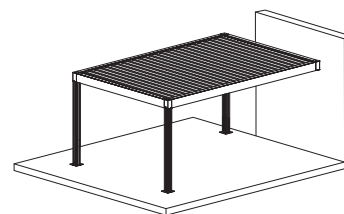
full-length wall mounted (façade mounted) on span and pivot side

Wall to the left

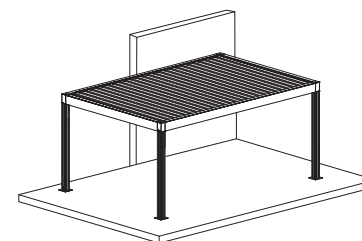
Only part of the side is mounted against a wall. Viewed from outside of the cover, the wall is located on the left side of the beam.



wall length



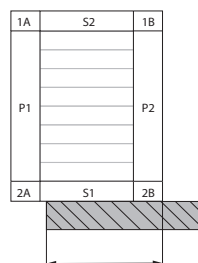
wall to the left [span]



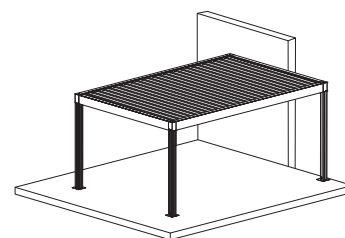
wall to the left [pivot]

Wall to the right

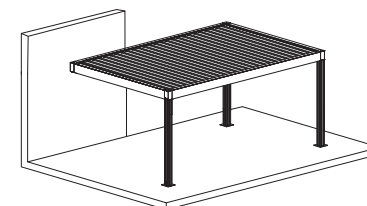
Only part of the side is mounted against a wall. Viewed from outside of the cover, the wall is located on the right side of the beam.



wall length



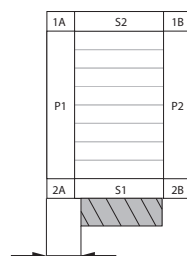
wall to the right [span]



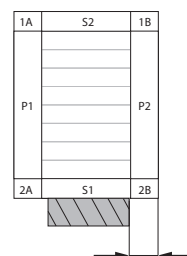
wall to the right [pivot]

Wall in the middle

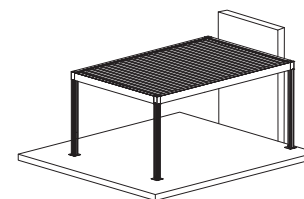
A limited part of the cover is mounted against a wall. There is a free-standing section of the cover both to the left and to the right of the wall.



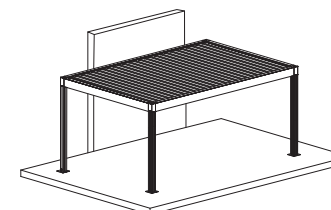
distance on the left to the wall



distance on the right to the wall



wall in the middle [span]



wall in the middle [pivot]

Columns

Corner column

A column is provided for each corner as standard. When installing against a wall that guarantees sufficient stability, the column on this side may be omitted.

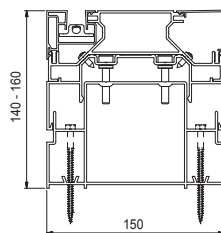
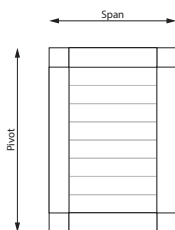
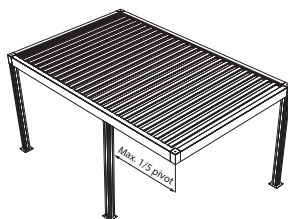
Shifted column

A column may be shifted in the direction of the pivot to a maximum of 1/5 of the pivot length. This guarantees the stability of the construction at all times.

A shifted column in Camargue and Camargue Skye is entered by entering the required distance from the corner. It is not possible to shift a column in the span direction. Shifted column cannot be on S2.

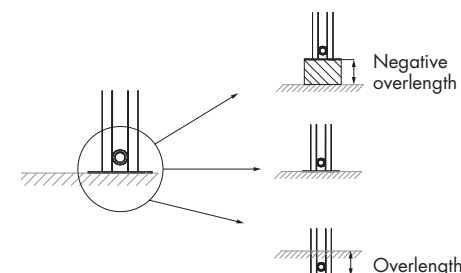
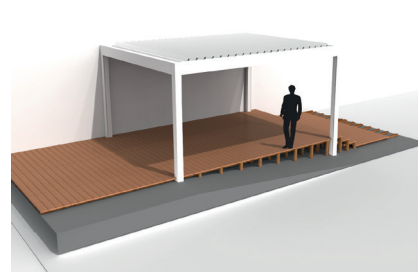
Adjustable wall column

When installing Fixscreens at a right angle to a façade, a column must be fitted. Given the fact that outside walls are not always built perfectly plumb, a visually disruptive opening may form between the wall and the column. An adjustable wall column guarantees a flush connection and compensates for an angle of 1cm to the front or 1cm to the rear.



Shorter/longer columns

A column that is longer (positive overlength) or shorter (negative overlength) than the entered passage height may be ordered. Opting for a positive overlength can be useful to keep a roof perfectly level when your patio slopes downward, for example. Alternatively, if one of the columns is to be installed on a small wall, for example, it can be shortened (negative overlength).



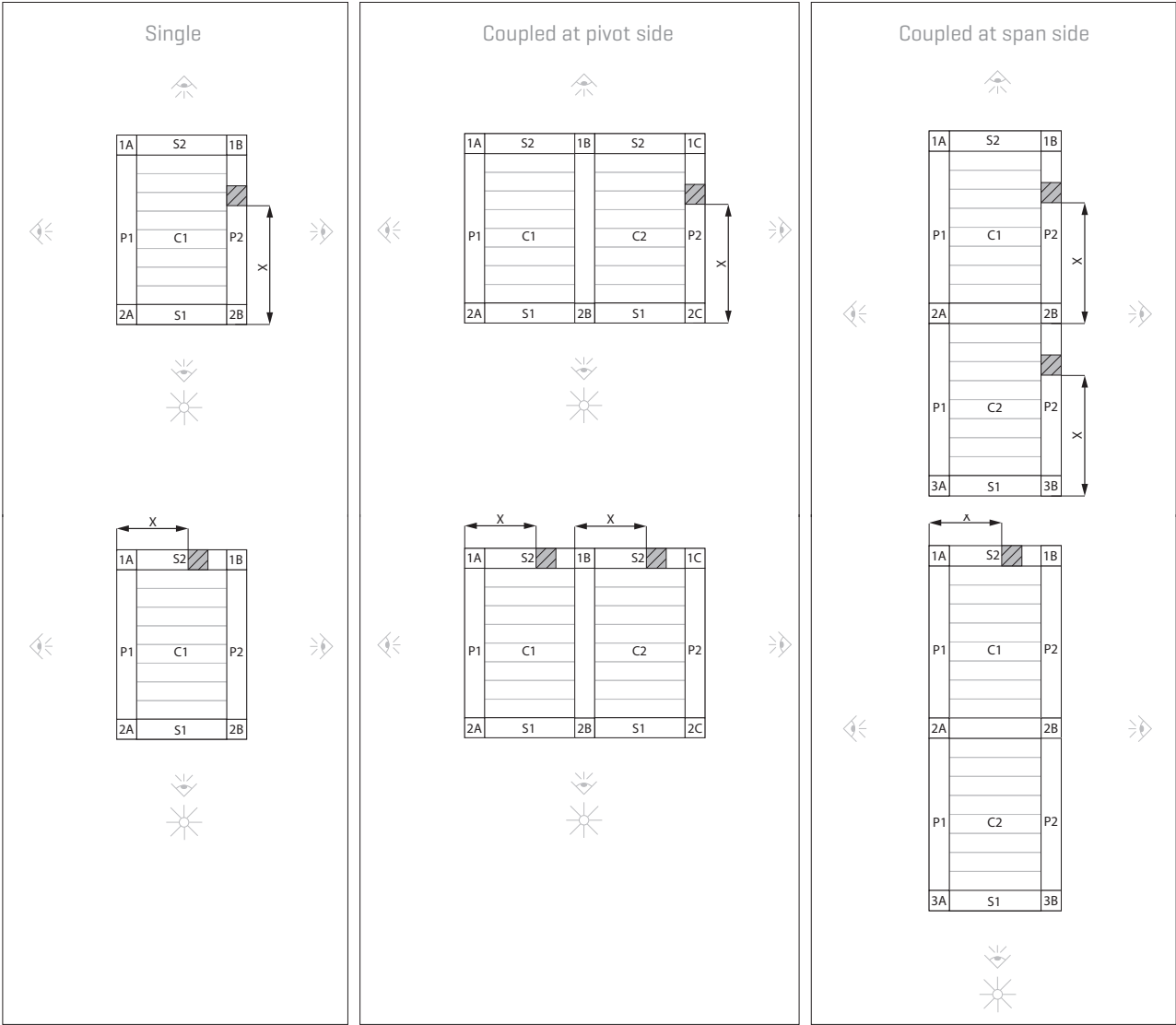
Positive overlength is possible up to the maximum passage height [2800 mm] plus 500 mm [3300 mm].

Negative overlength is possible up to the minimum passage height [= 500 mm].

Overlength only affects the price if the column length >3000 mm.

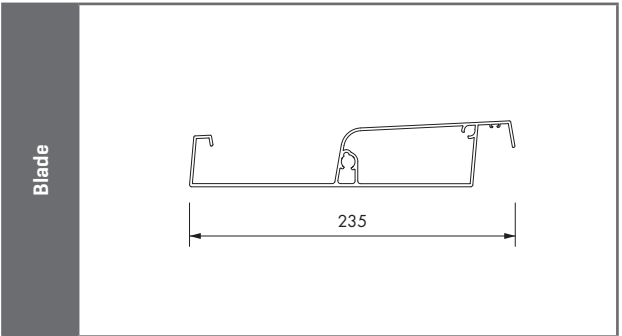
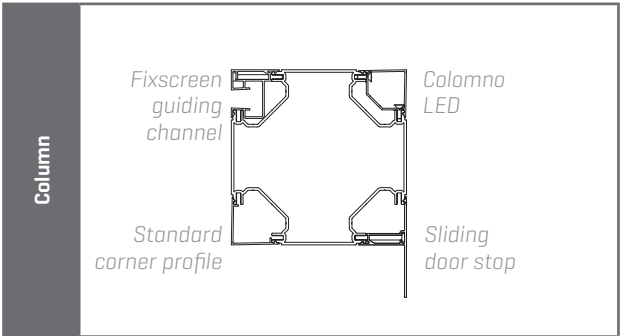
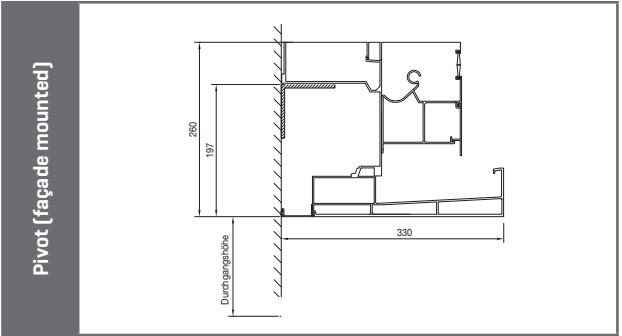
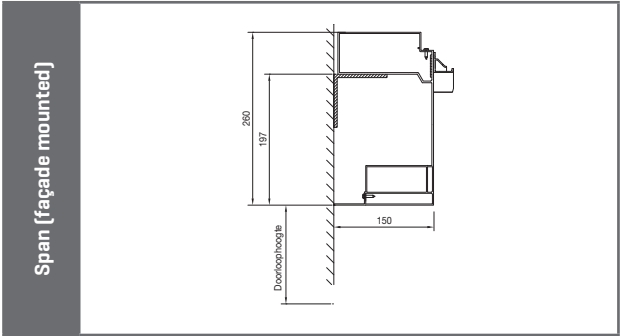
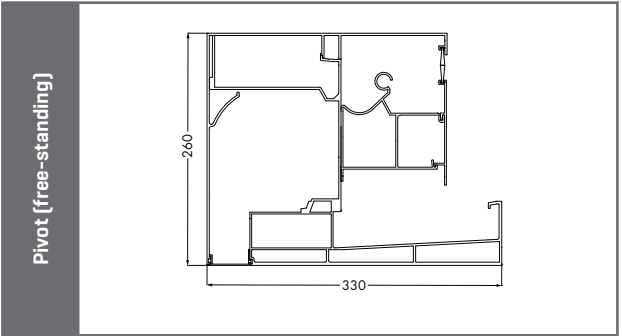
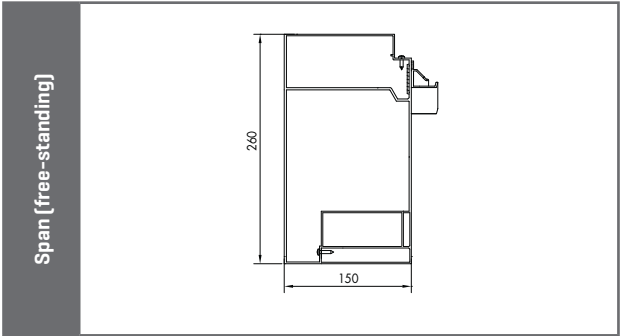
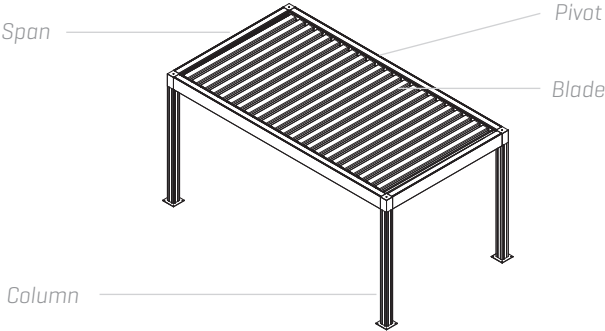
Additional column

By adding an additional column, one side of the covering is divided into two parts. The position of the additional column is always viewed from side P1 [additional column on span] or S1 [additional column on pivot].

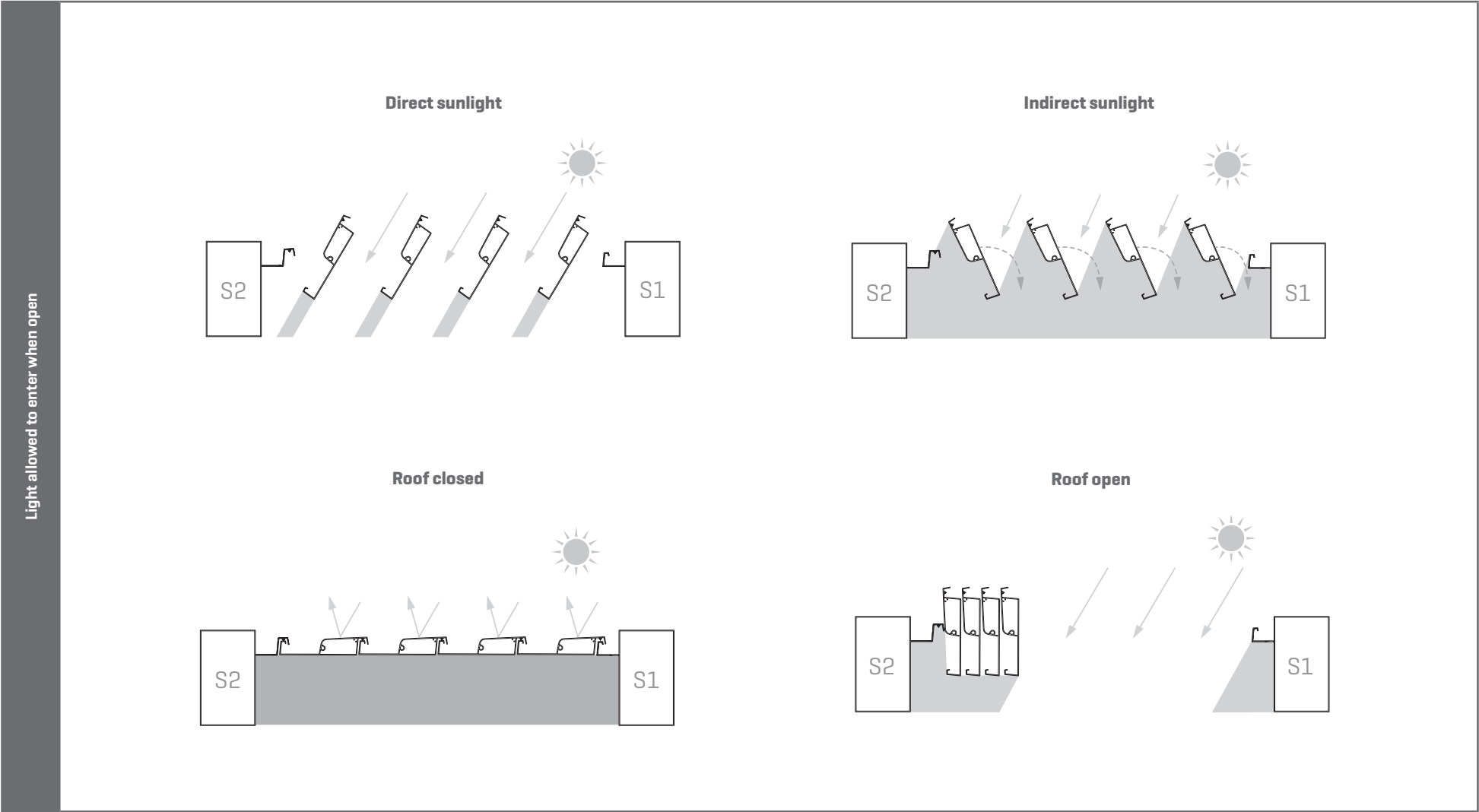


X = position of the intermediate column (mm)

Profiles



Blade orientation



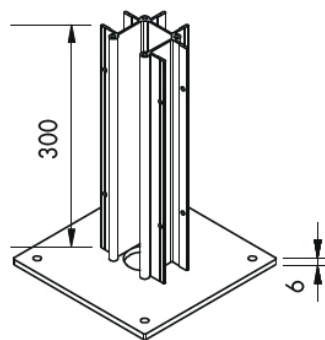
Mounting bases

The strength requirements determine whether or not reinforced mounting bases are needed.

Standard mounting bases

For use in normal circumstances, without increased wind load.

- Base plate thickness: 6 mm
- Core length: 300 mm
- Visible base plate: 270 x 270 mm

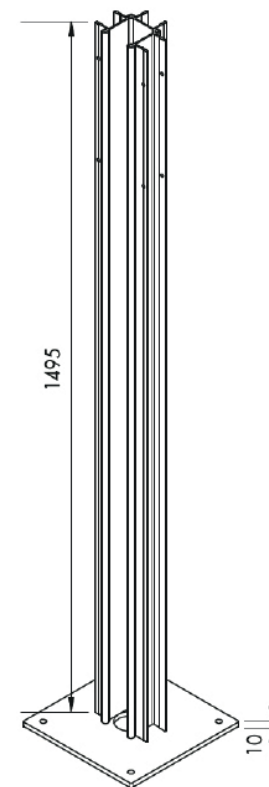


Reinforced mounting bases

At locations with increased wind loads, the cover must be equipped with reinforced mounting bases to guarantee the stability of the structure.

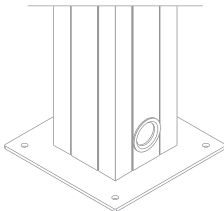
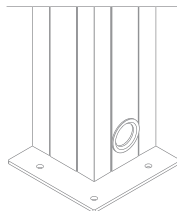
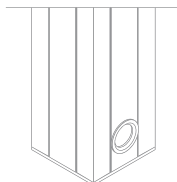
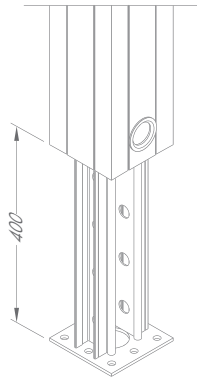
Examples include coastal areas, installation at a height or on a rooftop terrace.

- Base plate thickness: 10 mm
- Core length: 1495 mm
- Visible base plate: 270 x 270 mm



Mounting bases

The choice of reinforced or non-reinforced mounting bases will be made automatically based on the strength requirements and/or side insert selection. You can select a finish for your mounting bases from the possible options below.

| | | | | | |
|------------------------------|---|---|---|---|-----------------------------|
| |  |  |  |  | |
| Type | Visible mounting base | | | Invisible mounting base | Cast mounting base |
| Application | Not against a structure | Pivot or span against a structure | All applications | | Cast in concrete foundation |
| Non-reinforced mounting base | Available at standard price | | | | |
| Reinforced mounting base | Available at a surcharge | | | | Not available |

Water drainage

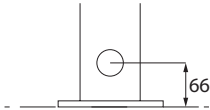
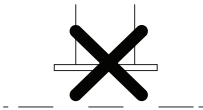
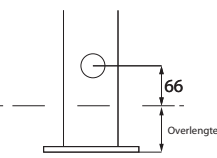
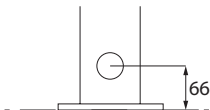
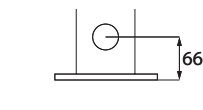
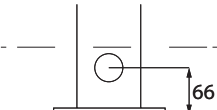
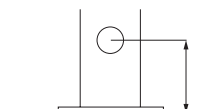
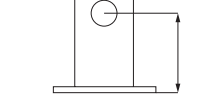
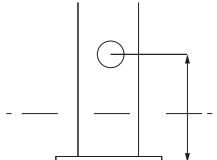
Water will be drained down an integrated drainpipe in the columns of your choice. Starting at 16 m², a minimum of two drainage outlets must be provided for each roof section, of which at least one drain must be on the lowest side of the blades (not on the motor side). For all other dimensions, at least one drain must be arranged on the lowest side of the blades (not on the motor side).

Please note!

If there is only one water-draining column and the surface area is greater than 16 m², the drainage capacity of the roof will only be 90 litres per hour (0.025 L/m².s).

Three options for the height of the drainpipe:

- 66 mm + overlength relative to bottom side of the base (standard). In case of overlength, you can choose to have the overlength size included in the standard distance of 66 mm. For example: an overlength of 100 mm means water drainage at 166 mm relative to the bottom side of the mounting base.
- 66 mm relative to bottom side of the base regardless of whether or not overlength is applicable.
- Variable height
Minimum distance above ground level = 40 mm.
Maximum distance = passage height – 415 mm.
The height is always measured from the bottom of the mounting base to the centre of the drainage hole.

| | Passage height | Negative overlength | Positive overlength |
|---|---|---|---|
| 66 mm + overlength relative to bottom side of base [standard] |  |  |  |
| 66 mm relative to bottom side of base |  |  |  |
| Variable height (mm) |  |  |  |

OTHER TOOLS

Want to find out more? Visit the Professional Portal on our website (www.renson.eu) to access the following tools.

- Technical drawings
- Training documents
- Installation manual
- User manual
- ...

