

BIOCLIMATICS

**Corradi**  
OUTDOOR LIVING SPACE



imago

Rev. 1 | 2023

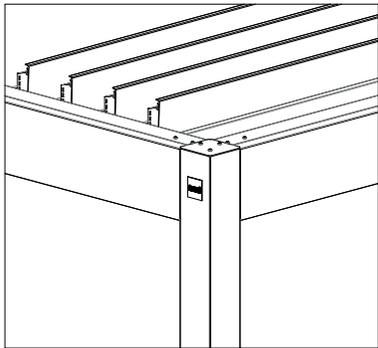
TECHNICAL sheets

| EN

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# IMAGO® FEATURES



IMAGO® is an aluminium bioclimatic pergola fitted with blades that can be oriented up to 135° using a wireless remote control to adjust light and ventilation. When fully closed, the top cover is resistant to rain and the water is eliminated through downspouts incorporated in the pillars and by a gutter built into the perimeter of the beam, flush with it. The blades are totally flat to perfectly adhere to the profile and avoid splashes inside the structure. The beam is only 25 cm high, the pillars have a cross-section of 15x15 cm and have a space dedicated to the complete integration of the Swing Magiko screen runners.

When the blades are closed IMAGO® has a wind resistance equal to class 6 of the EN 13561:2015 standard (equal to class

9 on the Beaufort scale), when the blades are open the wind resistance is equal to class 3 of the EN 13561:2015 standard (equal to class 6 on the Beaufort scale). The pergola can reach a maximum size of 500 x 627 cm with one span, but IMAGO® also allows you to combine a single module with additional modules without doubling the pillar, making it possible to effectively and elegantly cover even greater surface areas.

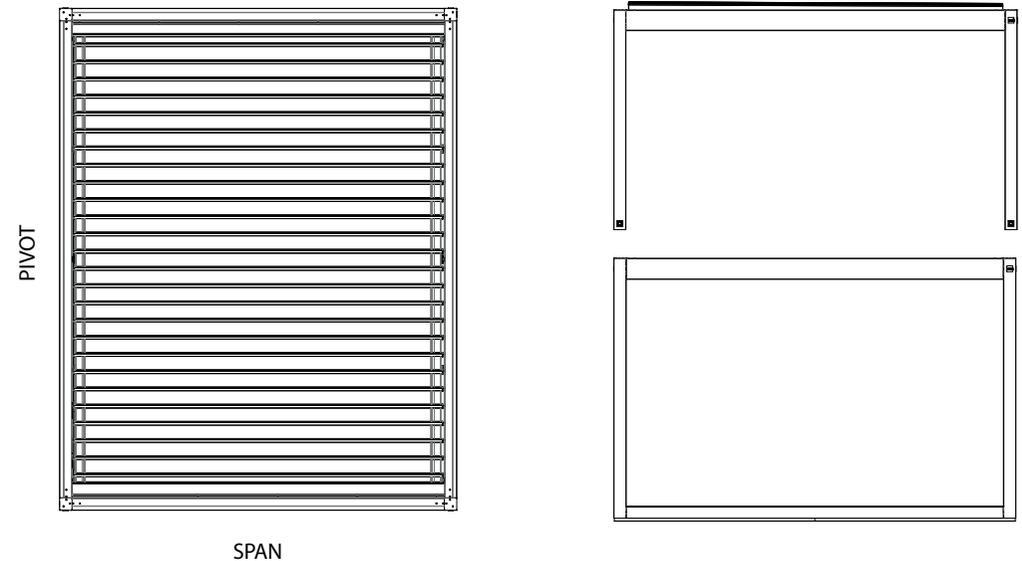
The main configuration of IMAGO® is self-supporting, but it is also possible to place the structure against the wall. One of the most interesting features of IMAGO® is the possibility of combining different types of closures from the Corradi range. The beam can house the range of glass doors, as well as the Aura sliding sun shade panels and screens without leaving any profile on sight for an even more linear and elegant design.

The structure can be lit by LED lights built into the blades or in the gutter profile along the entire perimeter of the structure. IMAGO® can be equipped with a platform - supplied without the walking surface that remains at the user's discretion - which guarantees a pleasant visual continuity both from the inside and the outside.

### List of available colours:

- RAL 9010 White glossy/matt/texture
- RAL 1013 Ivory glossy/matt
- RAL 7035 Grey glossy/matt
- RAL 9005 Night texture
- RAL 8019 Brown glossy/texture
- RAL 9016 White plus matt
- RAL 7016 Dark grey texture
- Dark Bronze texture
- RAL 6021 Spring green texture
- RAL 1019 Dove-grey texture
- Anthracite texture
- Salt & Pepper texture
- Titanium texture
- Cor10 texture
- Graphite texture
- RAL K7 and special colours glossy/matt/texture

**IMAGO® is also available in some interesting colour combinations.**



\* At their maximum opening the blades protrude vertically beyond this measurement by 10 cm.

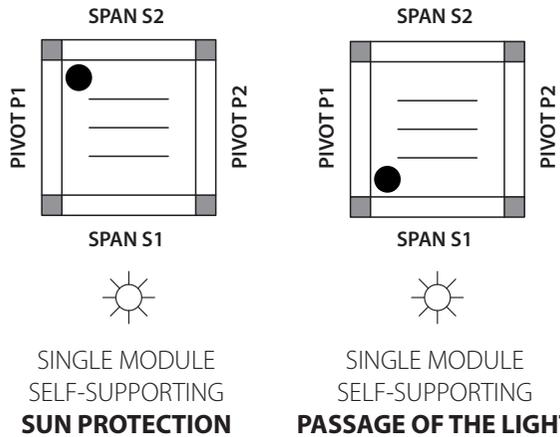
### IMAGO®

Wind resistance class (UNI EN 13561:2015)	
Closed blades	Open blades
<b>6</b>	<b>3</b>

### Maximal dimensions cm

	S (SPAN) cm	P (PIVOT) cm
Single module	400	700
Additional module on SPAN side	400	685
Additional module on PIVOT side	385	700

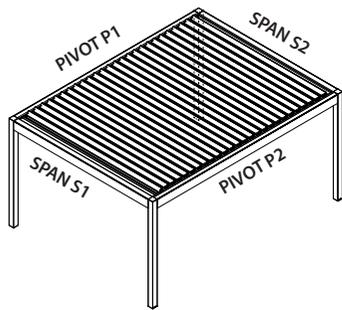
# IMAGO® SINGLE MODULE - SELF-SUPPORTING



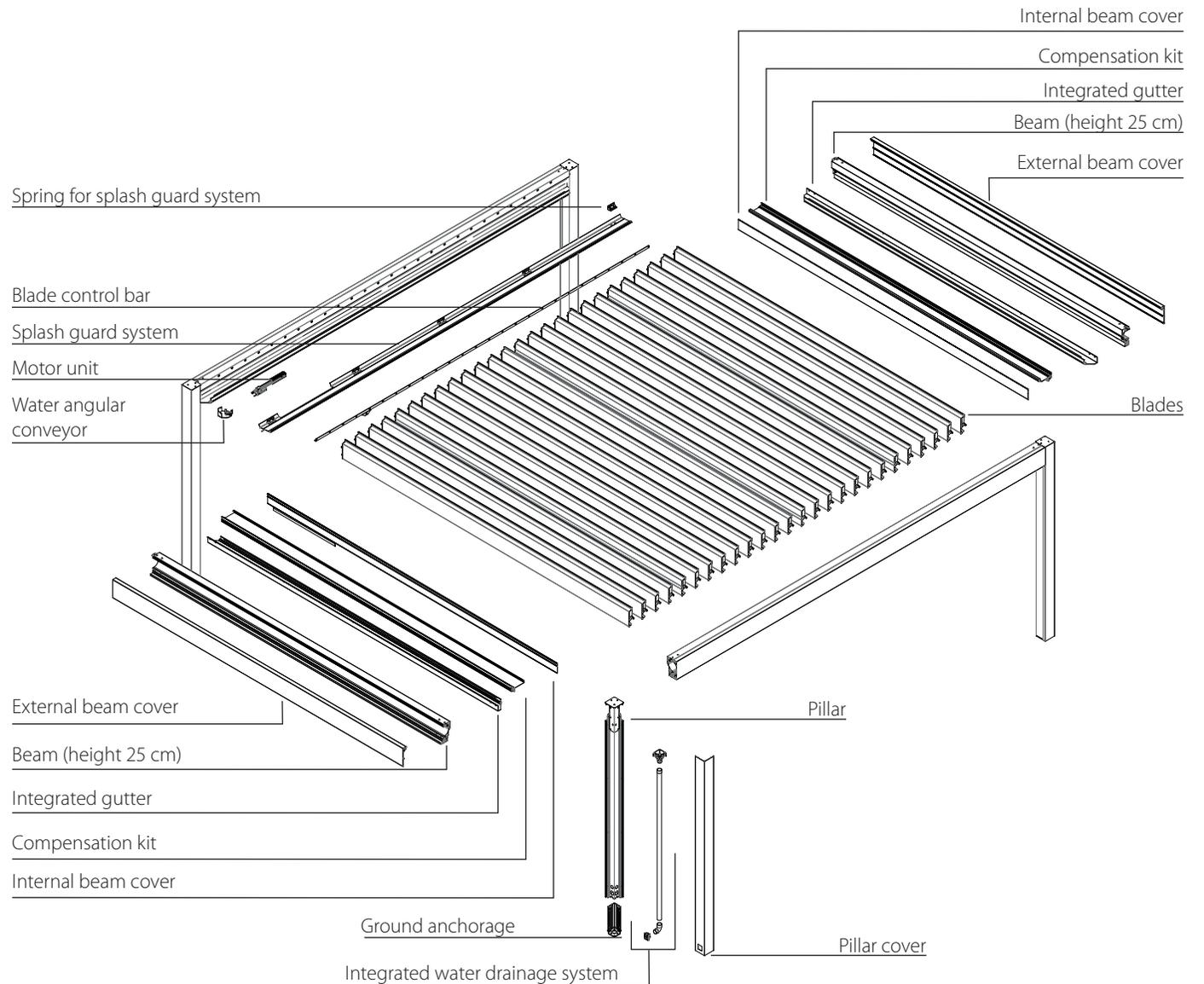
The PIVOT side is always perpendicular to the blades.

The SPAN S1 side always coincides with the SOUTH and therefore with the direction the sun's rays are coming from.

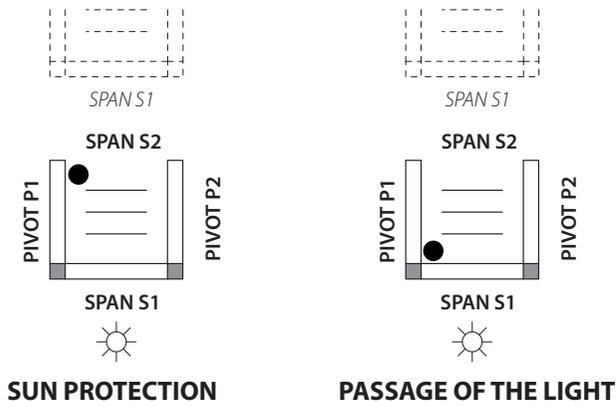
● = Motor position



Axonometric projection view

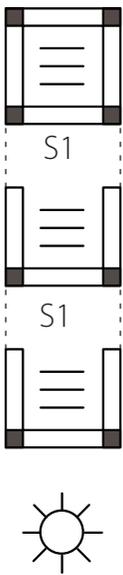


# IMAGO® ADDITIONAL MODULE ON THE SPAN SIDE - SELF-SUPPORTING



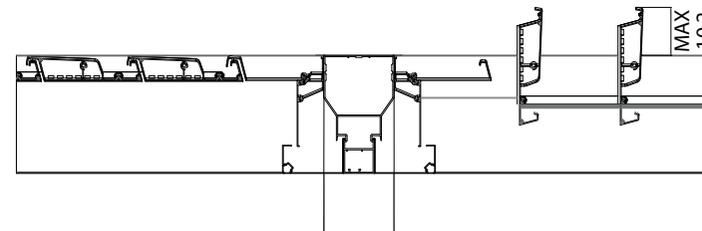
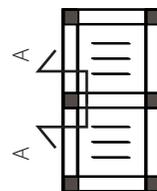
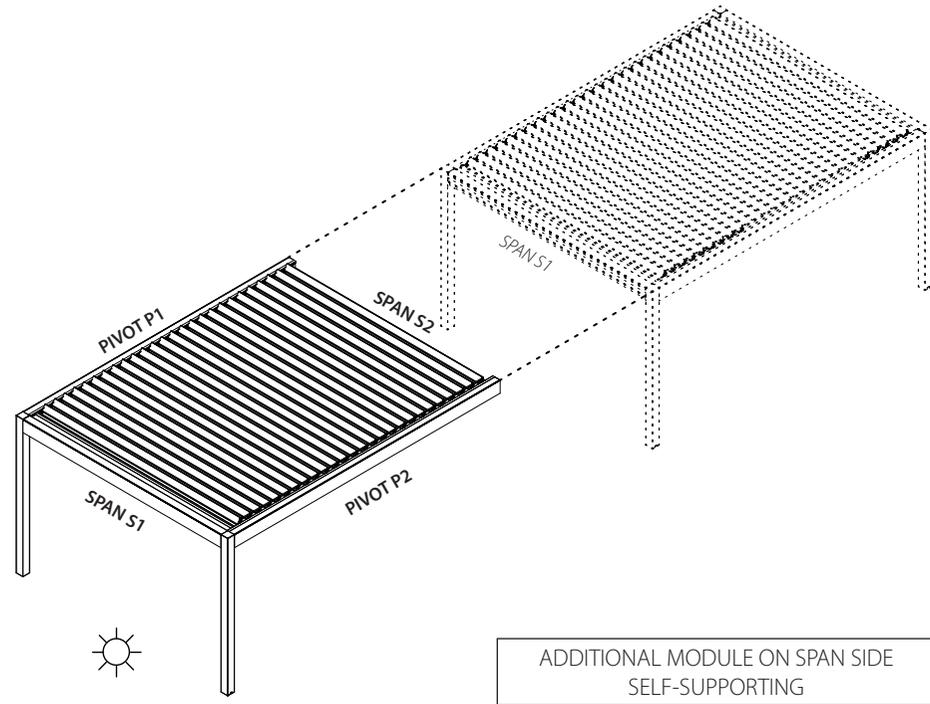
ADDITIONAL MODULE ON SPAN S1 SIDE  
SELF-SUPPORTING

● = Motor position



Additional modules on the SPAN side  
are always anchored to the SPAN S1 side  
module to which they are added.

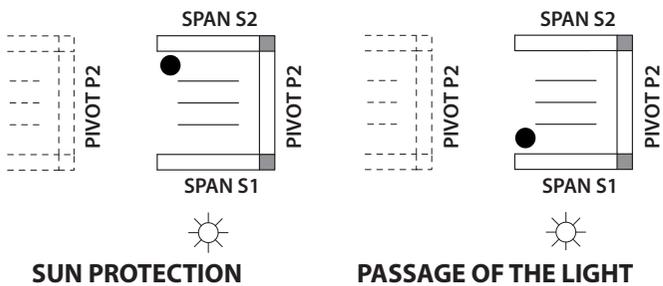
The additional modules have to be ordered at the same time as the modules they will be anchored to.



Measurements are  
expressed in cm

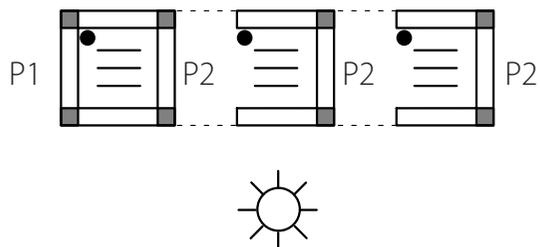
A-A cross-section

# IMAGO® ADDITIONAL MODULE ON THE PIVOT SIDE - SELF-SUPPORTING



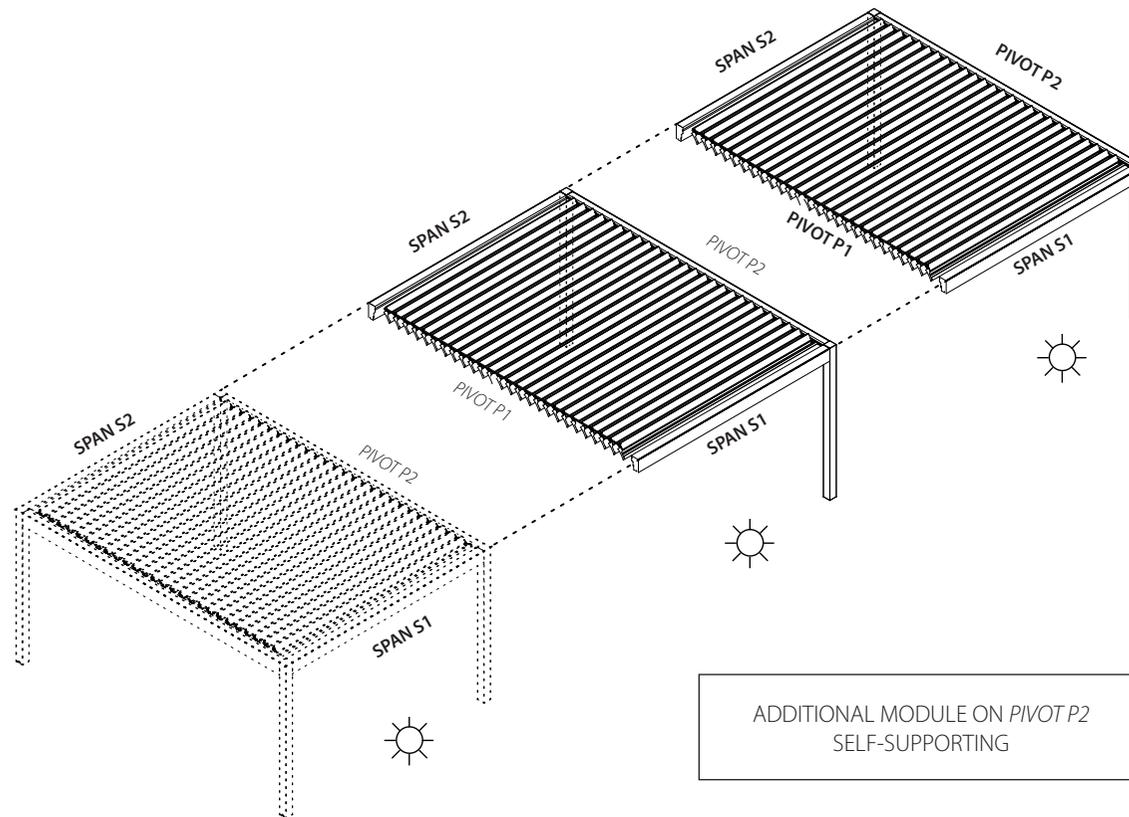
ADDITIONAL MODULE ON PIVOT P2  
SELF-SUPPORTING

● = Motor position



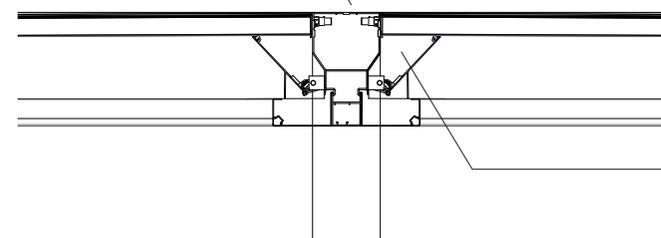
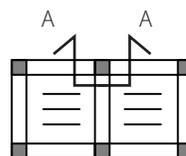
Additional modules on PIVOT side must be anchored to the PIVOT P2 side of the module to which they are added.

The additional modules have to be ordered at the same time as the modules they will be anchored to.



ADDITIONAL MODULE ON PIVOT P2  
SELF-SUPPORTING

Beam shared by the two modules



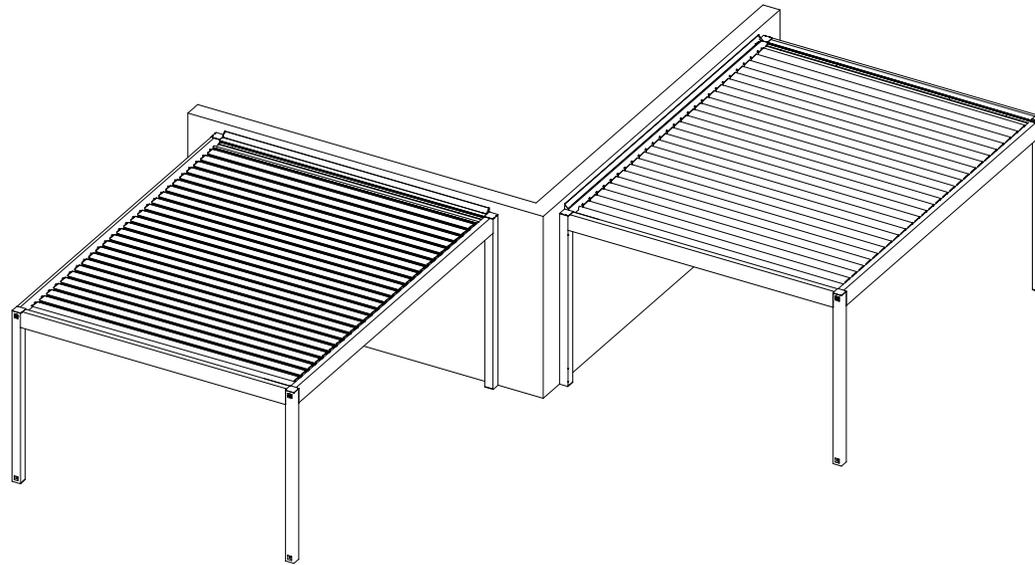
Splash guard system

Measurements are expressed in cm

A-A cross-section

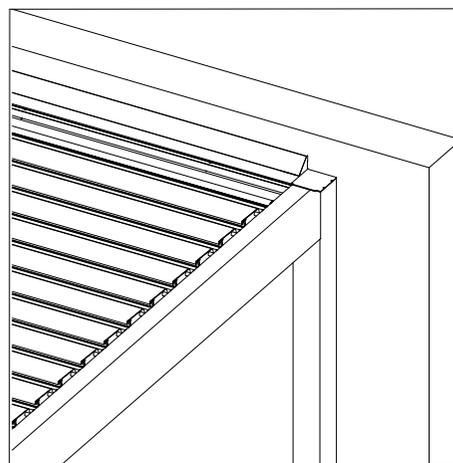
# IMAGO® AGAINST A WALL KEEPING ALL THE PILLARS

IMAGO® can be set against the wall while keeping all the pillars of the self-supporting version by applying the flashing to the beams touching the wall. The installation is possible both with or without the Domino deck.

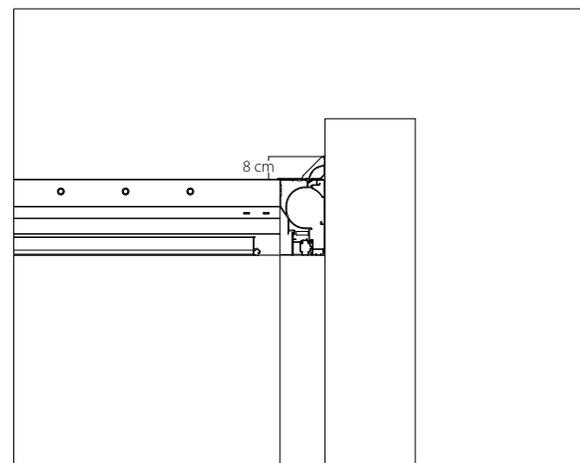


NOTE: All wall versions with pillars presented in the previous pages can be placed on one or two adjoining walls, using this fixing and covering system, of the side positioned against the wall.

ATTENTION: Structures ordered in this configuration, on the side shown against the wall, have uncovered parts. It is therefore intended that the entire surface of the side of the structure (beams and columns) will be fully net to the wall.



DETAILS FLASHING ON THE WALL



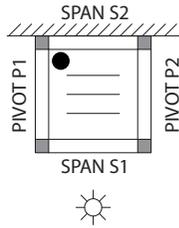
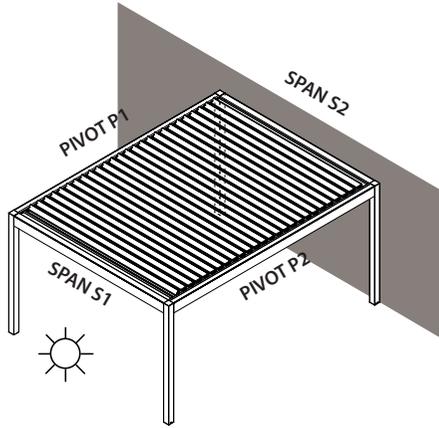
ATTENTION: All versions set against the wall, both on the Span and Pivot side, are more difficult to assemble because the pillar cannot be easily reached. In these cases it is necessary to have at least 50 cm free above the framework to access the pillar from above during installation and maintenance (see following page).

# IMAGO® AGAINST A WALL KEEPING ALL THE PILLARS

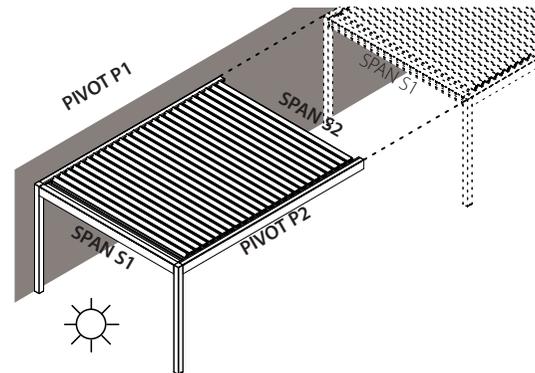
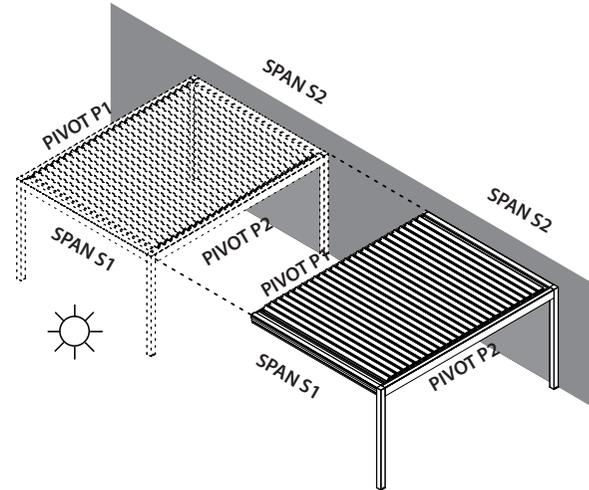
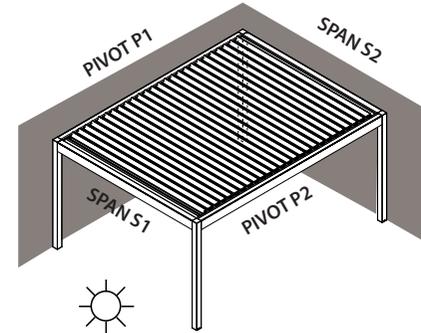
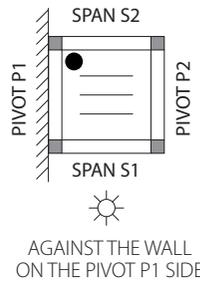
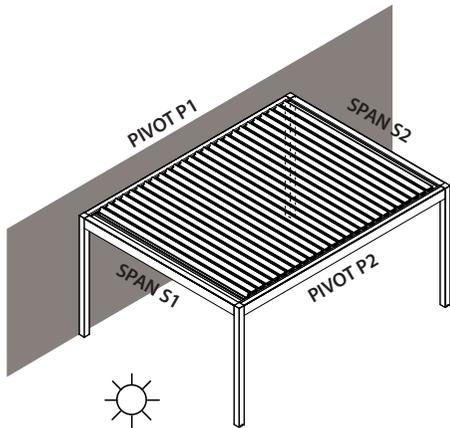
## POSSIBLE CONFIGURATIONS

● = motor position

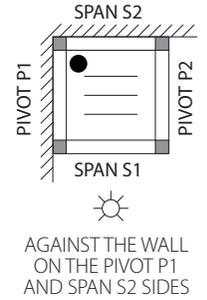
SINGLE MODULE  
SPAN S2 SIDE AGAINST THE WALL  
KEEPING ALL THE PILLARS



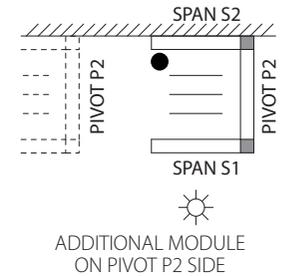
\* SINGLE MODULE  
PIVOT P1 SIDE AGAINST THE WALL  
KEEPING ALL THE PILLARS



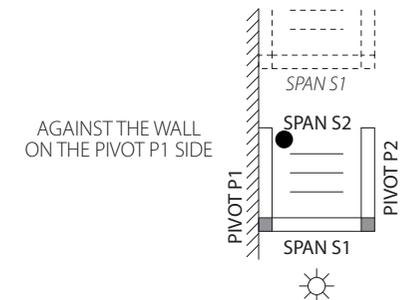
SINGLE MODULE \*  
SPAN S2 AND PIVOT P1 SIDE AGAINST THE WALL  
KEEPING ALL THE PILLARS



ADDITIONAL MODULE ON PIVOT P2 SIDE  
SPAN S2 SIDE AGAINST THE WALL  
KEEPING ALL THE PILLARS

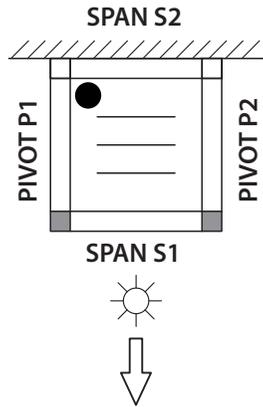


ADDITIONAL MODULE ON SPAN S1 SIDE  
PIVOT P1 SIDE AGAINST THE WALL  
KEEPING ALL THE PILLARS \*

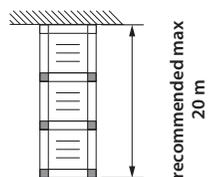
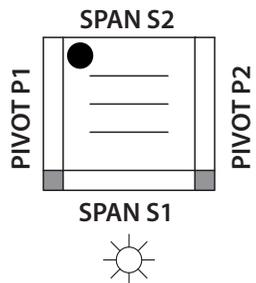


# IMAGO® AGAINST A WALL – SPAN SIDE AGAINST THE WALL – WITHOUT PILLARS

IMAGO® can be installed against the wall on the Span side, both with or without the Domino deck.



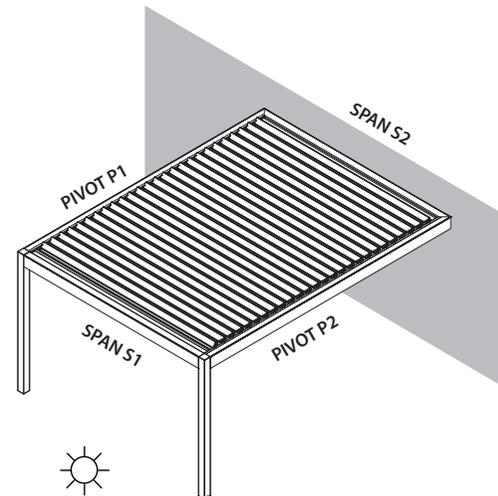
POSSIBLE ADDITIONAL MODULE ON THE SPAN S1 SIDE  
(SEE SELF-SUPPORTING ADDITIONAL MODULE)



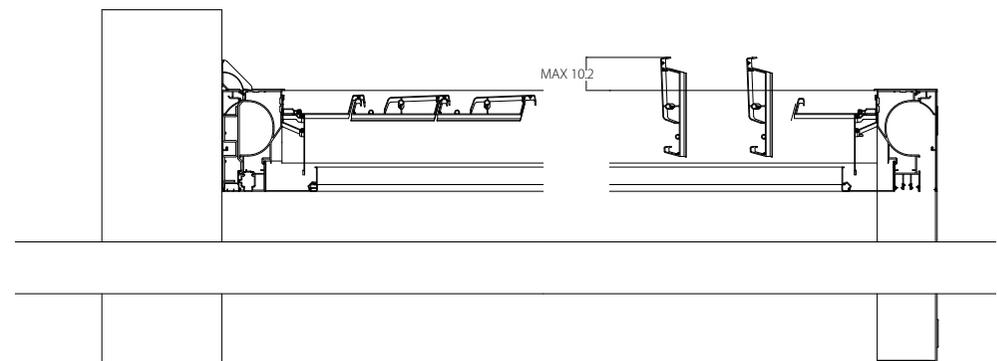
It is possible to add to a module as many additional modules to the **side as you want**. However, it is recommended not to reach a total size on the side of more than 20 meters.

● = motor position

The additional modules have to be ordered at the same time as the modules they will be anchored to.

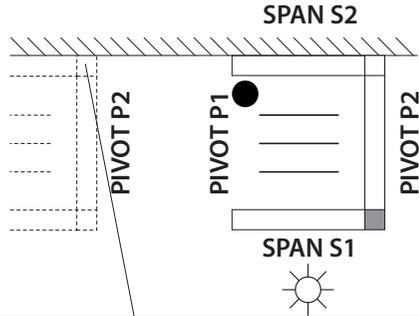


SINGLE MODULE  
SPAN S2 SIDE AGAINST THE WALL

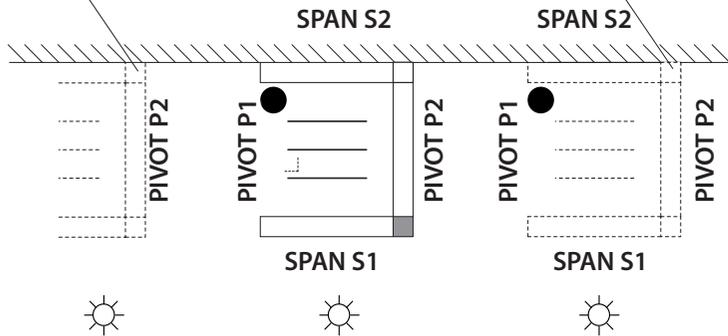


# IMAGO® AGAINST A WALL SPAN SIDE – ADDITIONAL MODULE - WITHOUT PILLARS

The additional IMAGO® module, set against the wall on the Span side, can be installed both with and without the Domino deck.



ANY SIDE-TO-SIDE MODULE WILL HAVE A WALL FIXING SYSTEM OF THE SAME HEIGHT AS THE PERIMETER BAND.

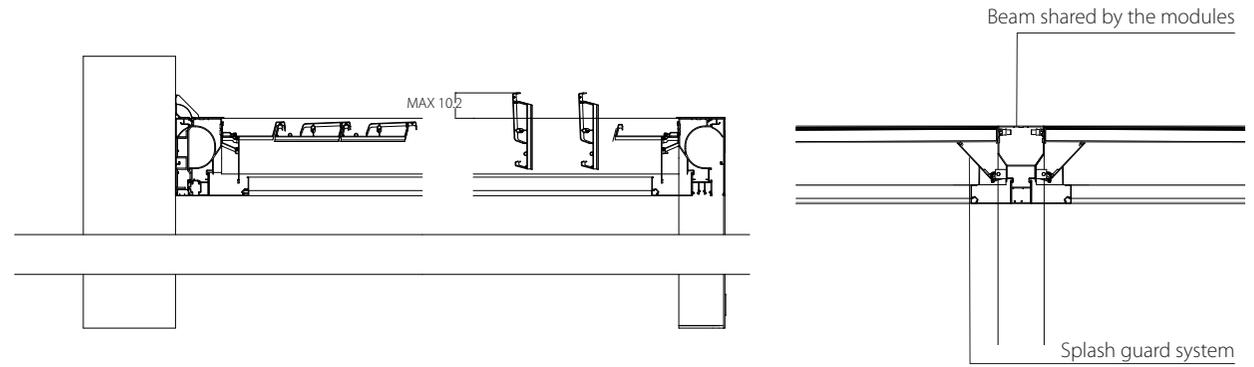
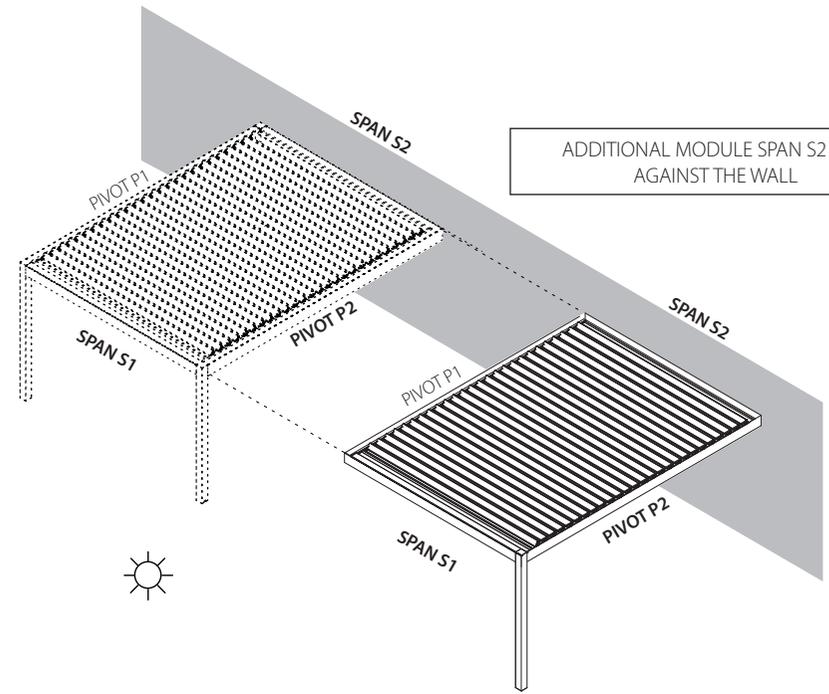


● = motor position



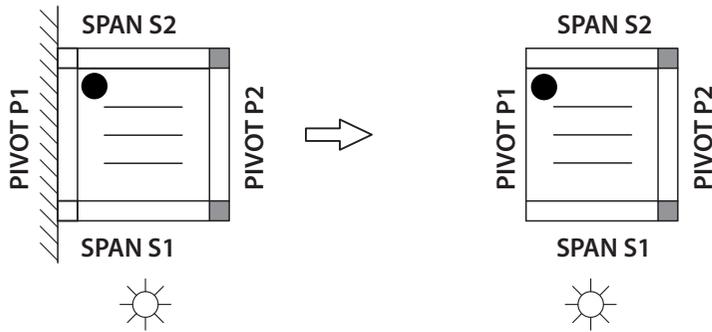
It is possible to add to a module as many additional modules to the **side as you want**. However, it is recommended not to reach a total size on the side of more than 20 meters.

The additional modules have to be ordered at the same time as the modules they will be anchored to.



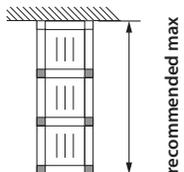
# IMAGO® AGAINST A WALL - PIVOT SIDE AGAINST THE WALL - WITHOUT PILLARS

IMAGO® can be installed against the wall on the Pivot side both with and without the Domino deck.



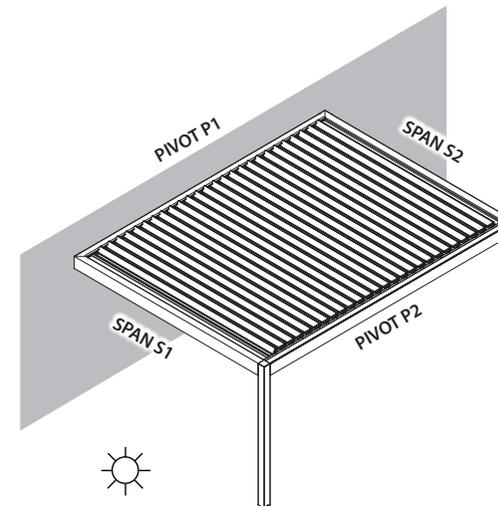
POSSIBLE ADDITIONAL MODULE ON THE PIVOT P2 SIDE  
(SEE SELF-SUPPORTING ADDITIONAL MODULE)

● = motor position

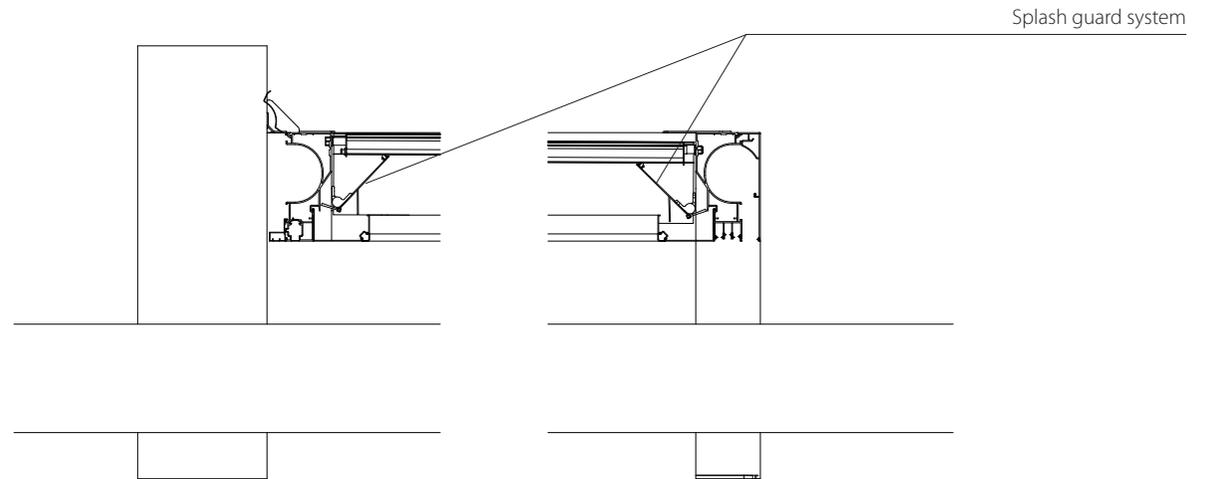


It is possible to add to a module as many additional modules to the **side as you want**. However, it is recommended not to reach a total size on the side of more than 20 meters.

The additional modules have to be ordered at the same time as the modules they will be anchored to.

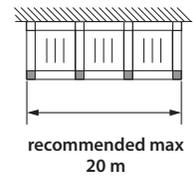
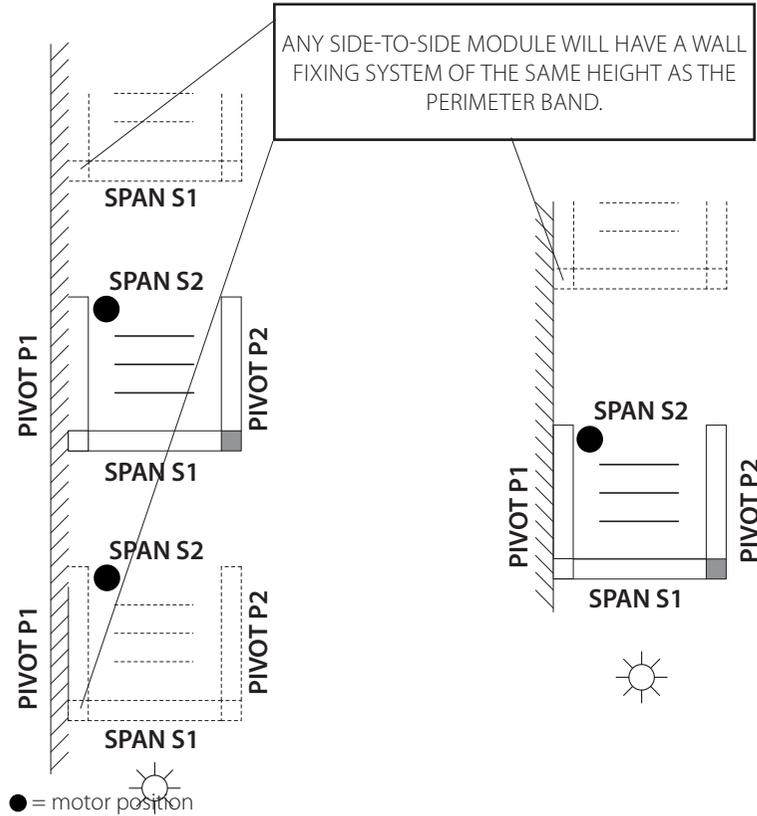


SINGLE MODULE  
PIVOT P1 SIDE AGAINST THE WALL



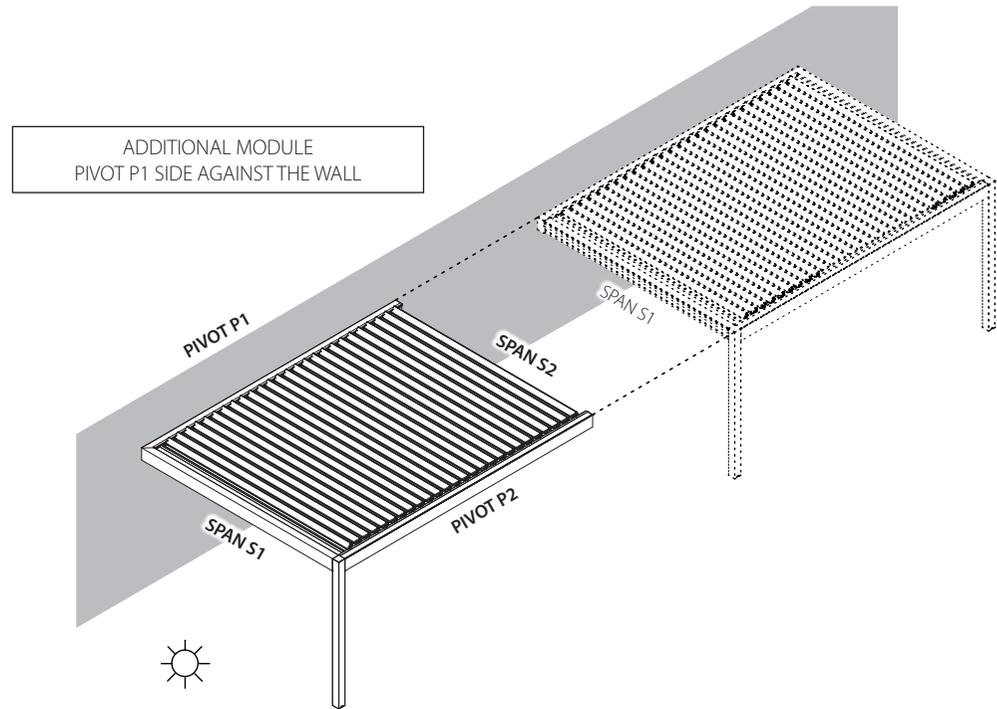
# IMAGO® AGAINST A WALL - PIVOT SIDE AGAINST THE WALL - WITHOUT PILLARS

The additional IMAGO® module, set against the wall on the Pivot side, can be installed both with and without the Domino deck.

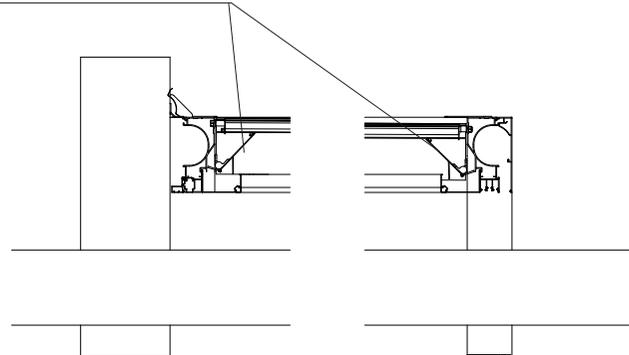


It is possible to add to a module as many additional modules to the **side as you want**. However, it is recommended not to reach a total size on the side of more than 20 meters.

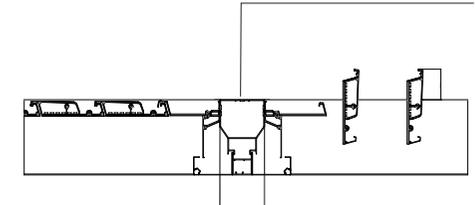
The additional modules have to be ordered at the same time as the modules they will be anchored to.



Splash guard system



Beam shared by the modules

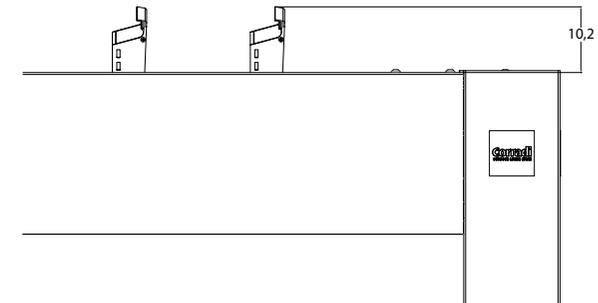
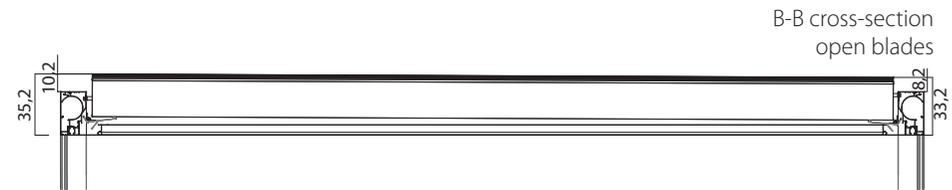
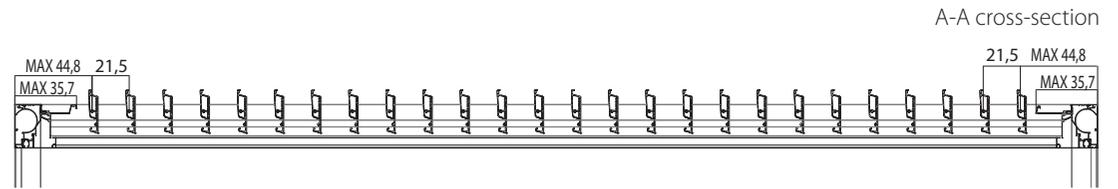


# IMAGO® DIMENSIONS

You can order IMAGO® in any PIVOT dimension desired up to a maximum of 627 cm.

Depending on the dimensions selected the framework will have the number of blades shown in the table below.

	NUMBER OF BLADES
197 cm < PIVOT ≤ 218.5 cm	<b>7</b>
218.5 cm < PIVOT ≤ 240 cm	<b>8</b>
240 cm < PIVOT ≤ 261.5 cm	<b>9</b>
261.5 cm < PIVOT ≤ 283 cm	<b>10</b>
283 cm < PIVOT ≤ 304.5 cm	<b>11</b>
304.5 cm < PIVOT ≤ 326 cm	<b>12</b>
326 cm < PIVOT ≤ 347.5 cm	<b>13</b>
347.5 cm < PIVOT ≤ 369 cm	<b>14</b>
369 cm < PIVOT ≤ 390.5 cm	<b>15</b>
390.5 cm < PIVOT ≤ 412 cm	<b>16</b>
412 cm < PIVOT ≤ 433.5 cm	<b>17</b>
433.5 cm < PIVOT ≤ 455 cm	<b>18</b>
455 cm < PIVOT ≤ 476.5 cm	<b>19</b>
476.5 cm < PIVOT ≤ 498 cm	<b>20</b>
498 cm < PIVOT ≤ 519.5 cm	<b>21</b>
519.5 cm < PIVOT ≤ 541 cm	<b>22</b>
541 cm < PIVOT ≤ 562.5 cm	<b>23</b>
562.5 cm < PIVOT ≤ 584 cm	<b>24</b>
584 cm < PIVOT ≤ 605.5 cm	<b>25</b>
605.5 cm < PIVOT ≤ 627 cm	<b>26</b>
627 cm < PIVOT ≤ 648,5 cm	<b>27</b>
648,5 cm < PIVOT ≤ 670 cm	<b>28</b>
670 cm < PIVOT ≤ 691,5 cm	<b>29</b>
691,5 cm < PIVOT ≤ 700 cm	<b>30</b>

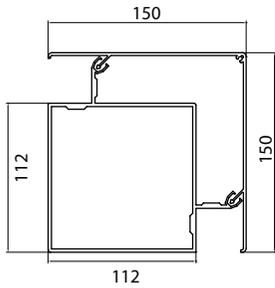


**NOTE:**

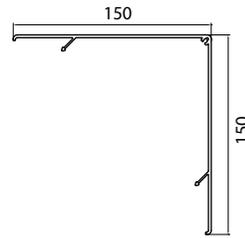
At their maximum opening the blades protrude vertically above the beam by 10 cm.

Measurements are expressed in cm

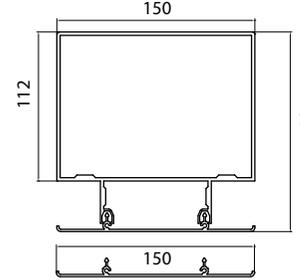
SINGLE PILLAR PROFILE



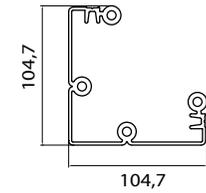
SINGLE PILLAR COVER PROFILE



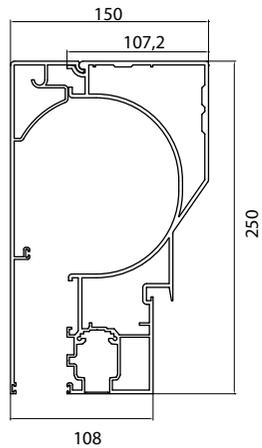
DOUBLE PILLAR PROFILE



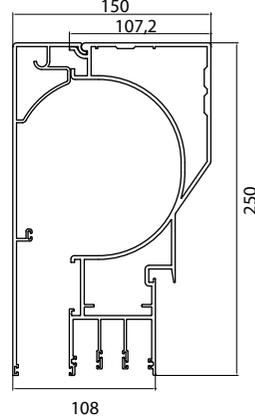
BASE PROFILE  
PILLAR REINFORCEMENT



SINGLE BEAM PROFILE (WITH PRESETTING FOR AURA SLIDERS)

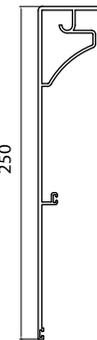


SINGLE BEAM PROFILE TO BE USED WITH GLASS DOORS

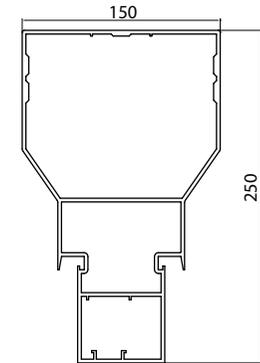


DOUBLE PILLAR COVER PROFILE

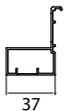
SINGLE BEAM COVER



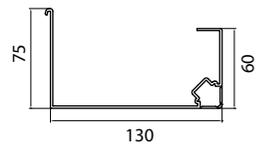
DOUBLE BEAM PROFILE (WITH PRESETTING FOR AURA SLIDERS)



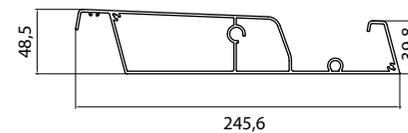
SCREEN SEAT CLOSING PROFILE ON BEAM



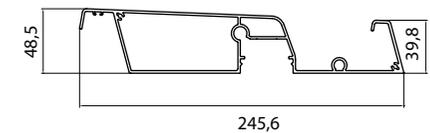
GUTTER PROFILE (WITH PRESETTING FOR LEDS)



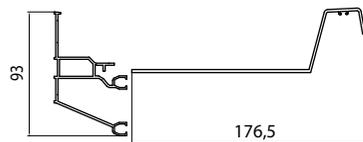
BLADE PROFILE



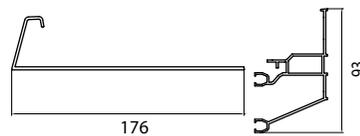
BLADE PROFILE WITH LEDS



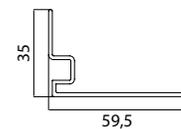
COMPENSATION KIT



COMPENSATION KIT



GLASS DOOR SEAT CLOSING PROFILE ON BEAM

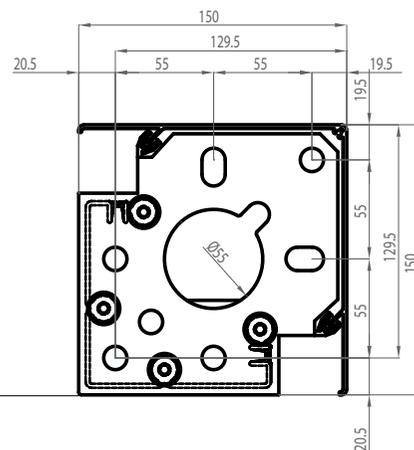


Measurements are expressed in mm

It is not possible to change the height of the pillar on-site because the integrated water drainage system is pre-assembled inside the pillar. Therefore, it is necessary to order the pillar of the correct size indicating the ground water drainage position / no water drainage, or with water drainage on the PIVOT/SPAN side.

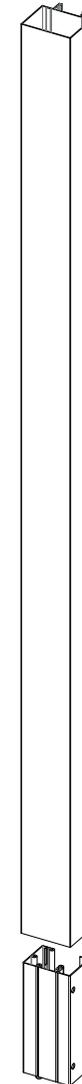
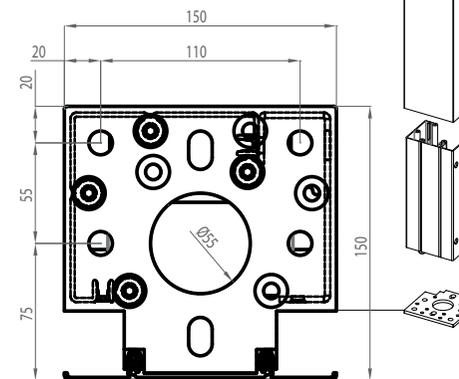


SINGLE PILLAR HOLES FOR  
GROUND FIXING  
Ø 13 mm

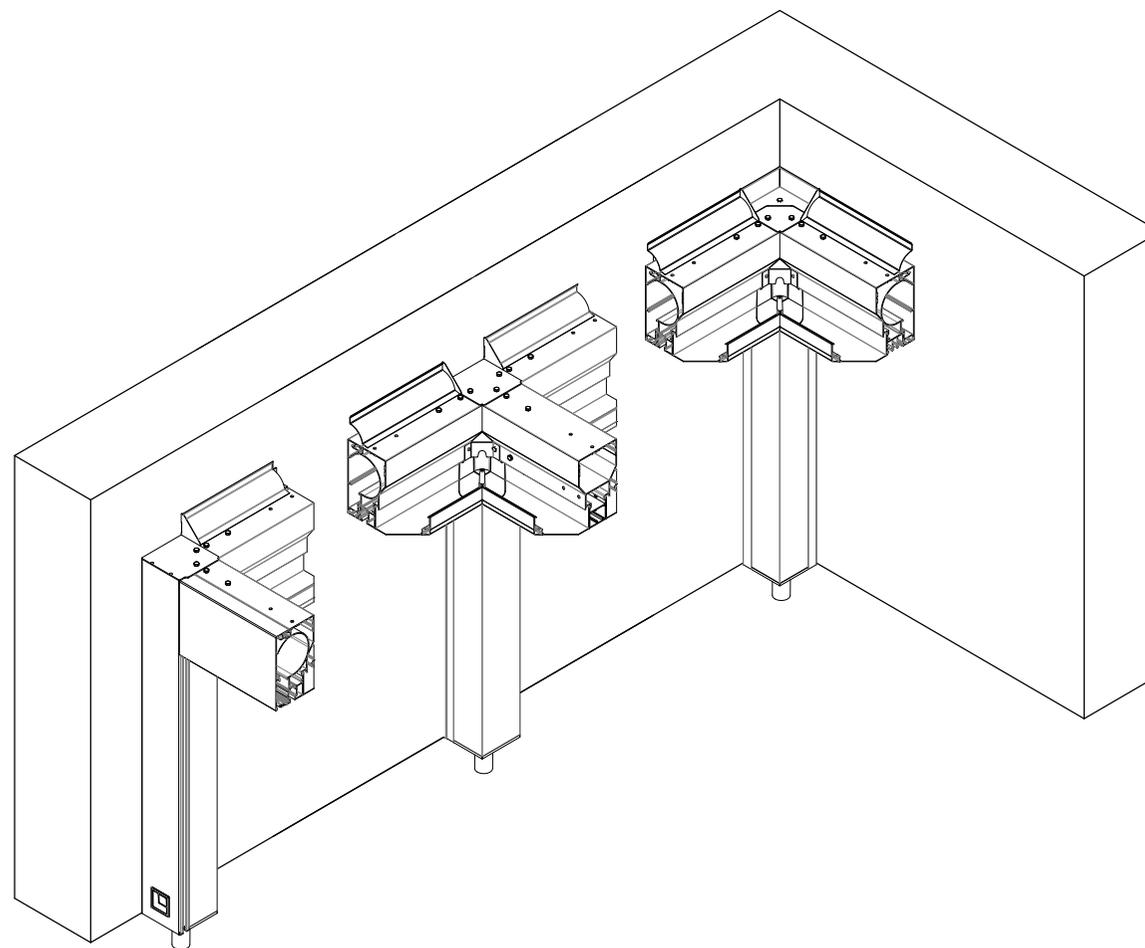


Measurements are  
expressed in mm

DOUBLE PILLAR HOLES FOR  
GROUND FIXING  
Ø 13 mm

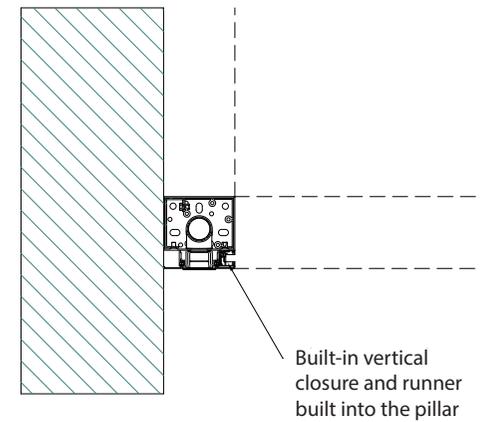
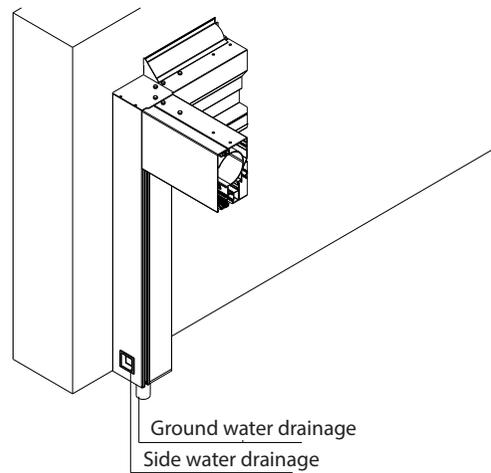


This version allows setting the structure against the wall, on the Span/Pivot side, only if the pillars are positioned adjacent to the building.

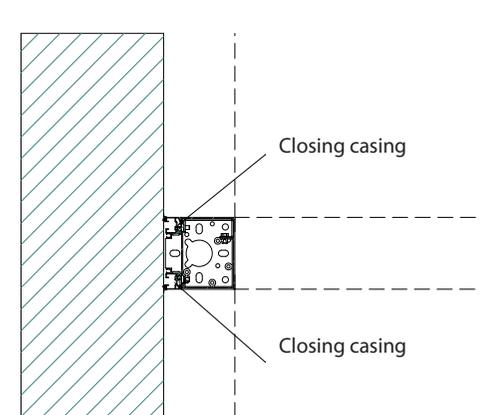
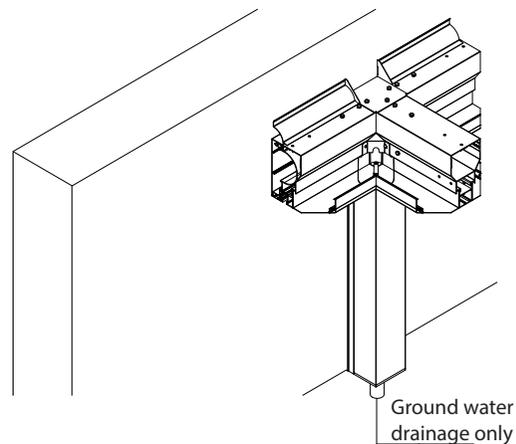


**NOTE:** The numbers shown next to the images uniquely identify the junction node. The same number allows identifying the solution in the assembly manual.

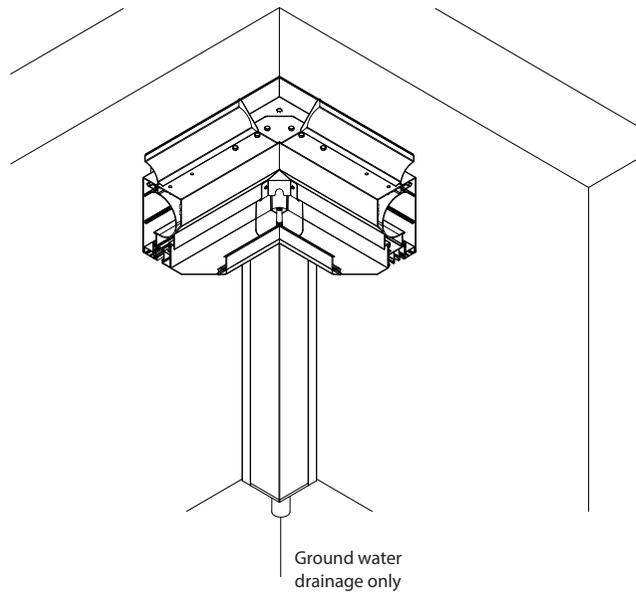
SOLUTION AGAINST THE WALL WITH PILLAR  
Possibility of ground and side drainage.



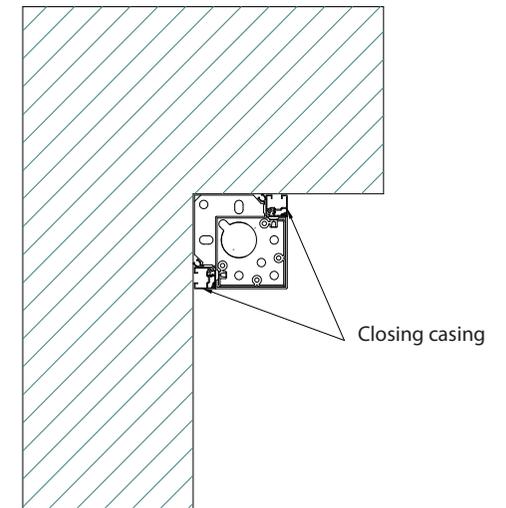
SOLUTION AGAINST THE WALL OF A SIDE-TO-SIDE MODULE WITH PILLAR  
Possibility of ground water drainage.



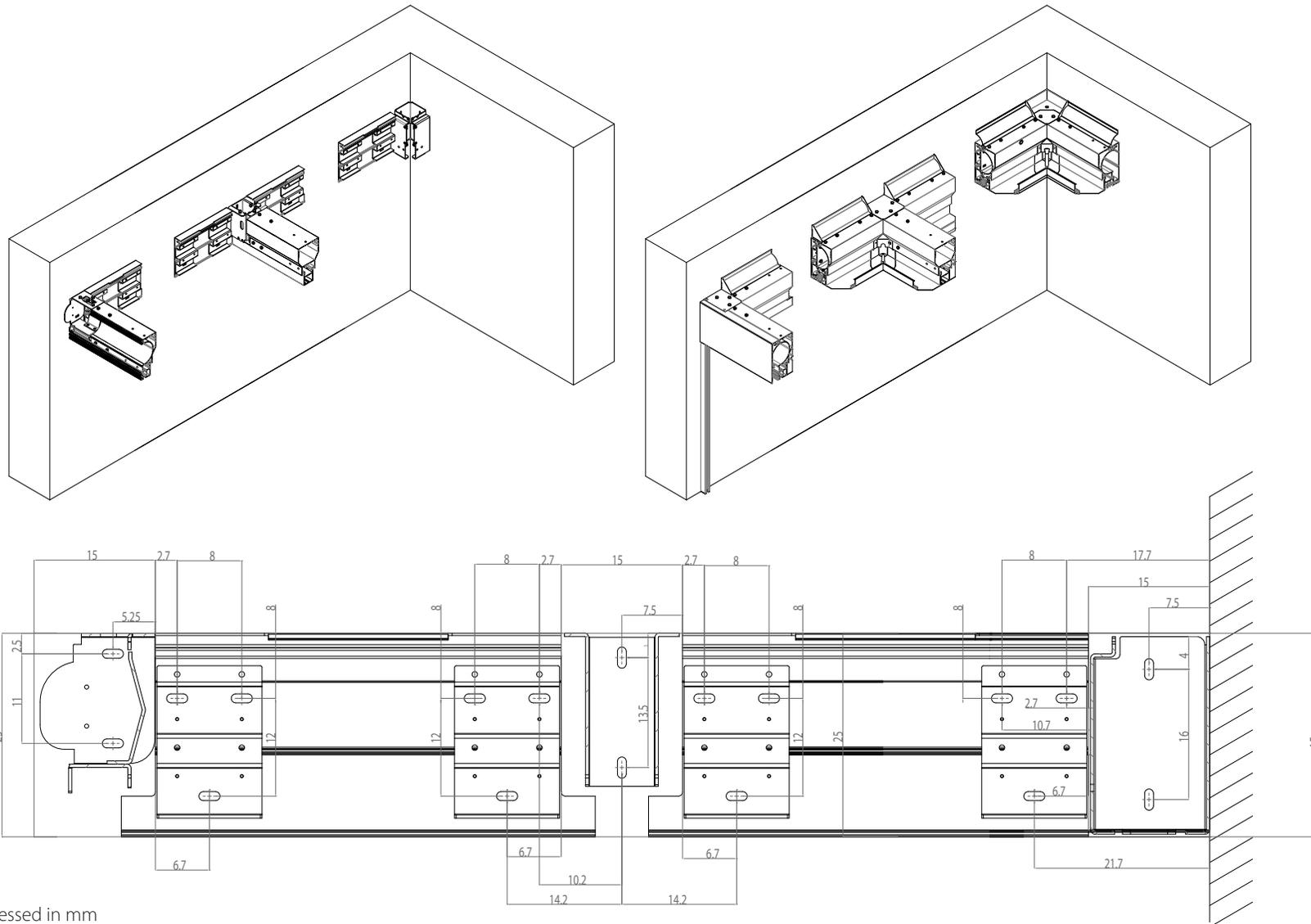
SOLUTION FOR WALL ANCHORAGE OF A SIDE-TO-SIDE MODULE WITH PILLAR  
Possibility of ground water drainage.



N° 4



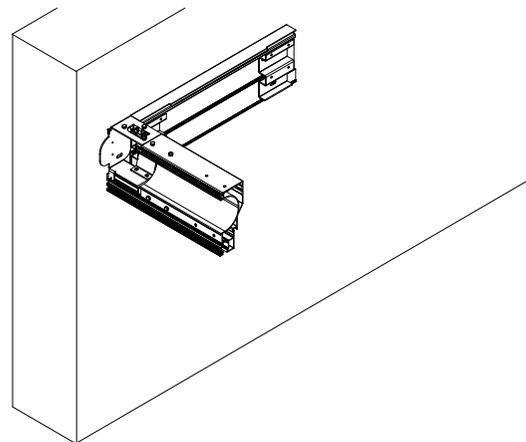
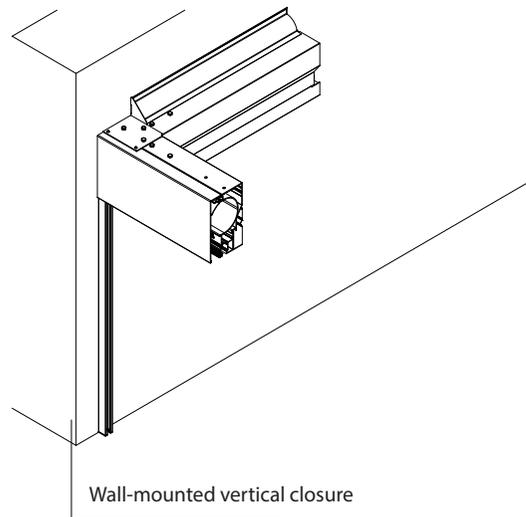
This version allows setting the structure against the wall, on the Span/Pivot side, using brackets firmly anchored to the adjacent building.



Measurements are expressed in mm

SOLUTION FOR WALL ANCHORAGE WITHOUT PILLAR  
It is possible to apply a side fastener directly to the wall.

**NOTE: Water drainage is not available for this node. Make sure that there are at least 2 drainage points.**



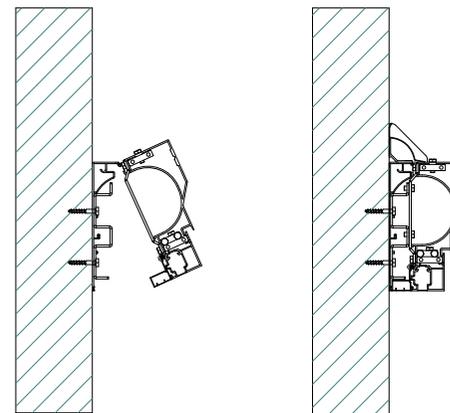
ANCHORAGE DIAGRAM

N° 3

### WALL NODE WITHOUT PILLAR

Wall fastening of wall-mounted beam: the cover with processing and brackets for wall anchorage is used.

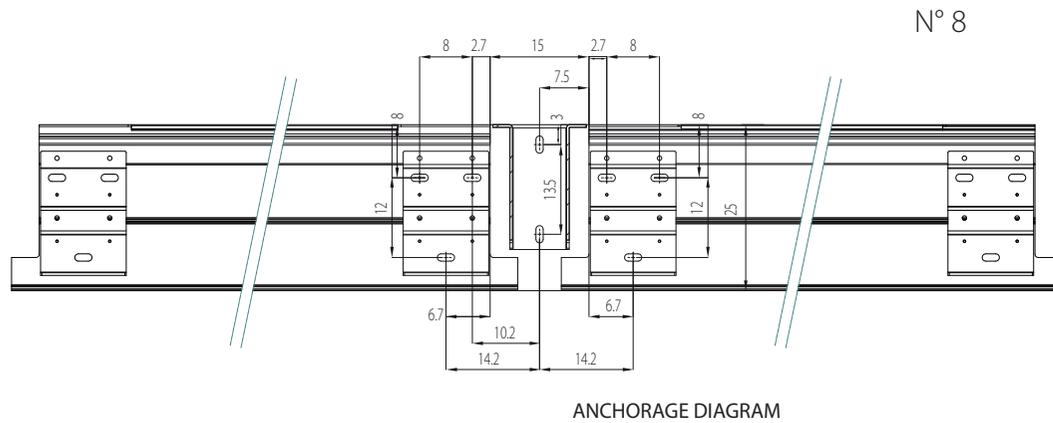
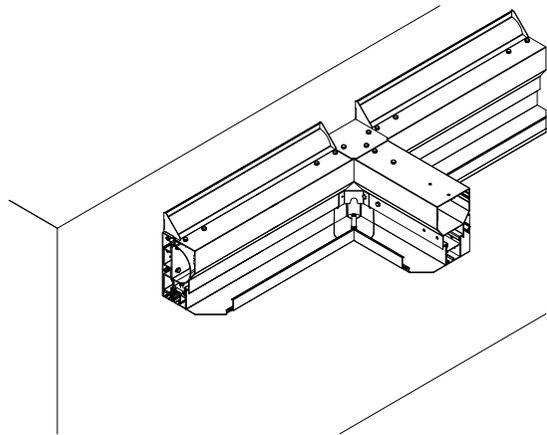
The beam is fitted on the cover with a rotation and then closed with the relevant screws.



Measurements are expressed in mm

SOLUTION FOR WALL ANCHORAGE OF A SIDE-TO-SIDE MODULE WITHOUT PILLAR

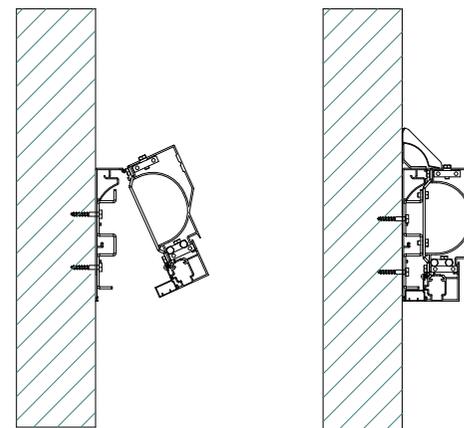
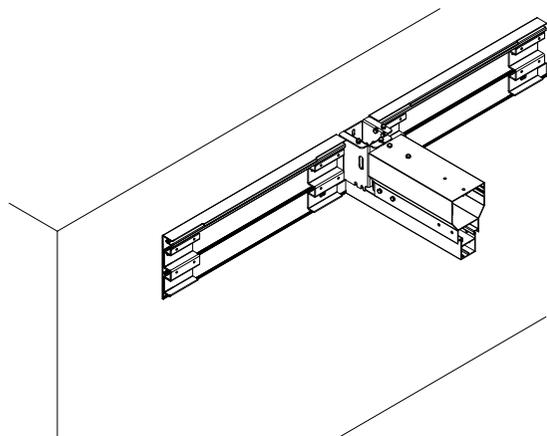
**NOTE: Water drainage is not available for this node. Make sure that there are at least 2 drainage points.**



NODE FOR WALL SIDE-TO-SIDE MODULE WITHOUT PILLAR

Wall fastening of side wall-mounted beams: the covers with processing and brackets for wall anchorage are used.

The beams are fitted on the covers with a rotation and then closed with the relevant screws.



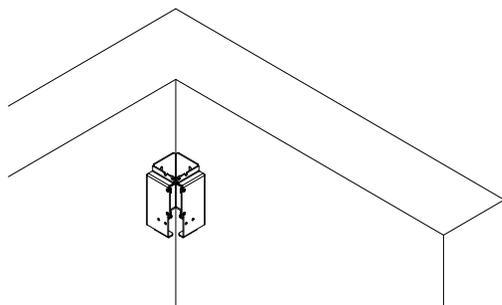
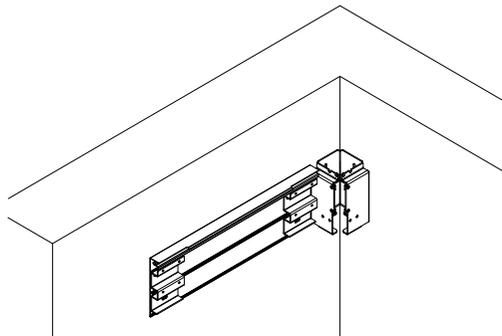
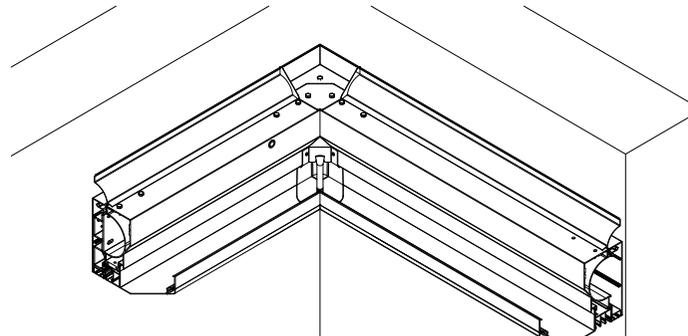
Measurements are expressed in mm

SOLUTION FOR ANCHORAGE ON TWO ADJOINING WALLS WITHOUT PILLAR

**NOTE: Water drainage is not available for this node. Make sure that there are at least 2 drainage points.**

N° 5

Measurements are expressed in mm



### OPTION 1

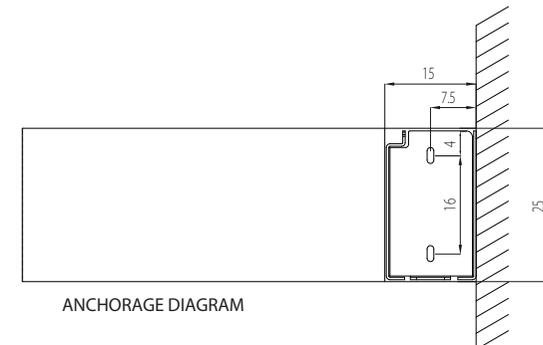
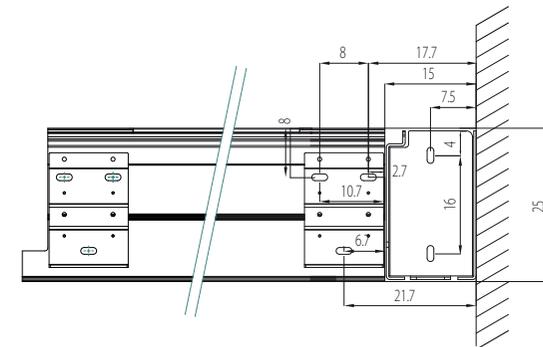
Wall fastening with angle bracket and, by default, on the Pivot beam with processing on cover for wall anchorage.

The cover is supplied with 2 brackets (4 m) or 3 brackets (>4m). The beams are supplied without processing for wall fastening but already assembled.

On request, processing on anchorage cover for Span side.

### OPTION 2

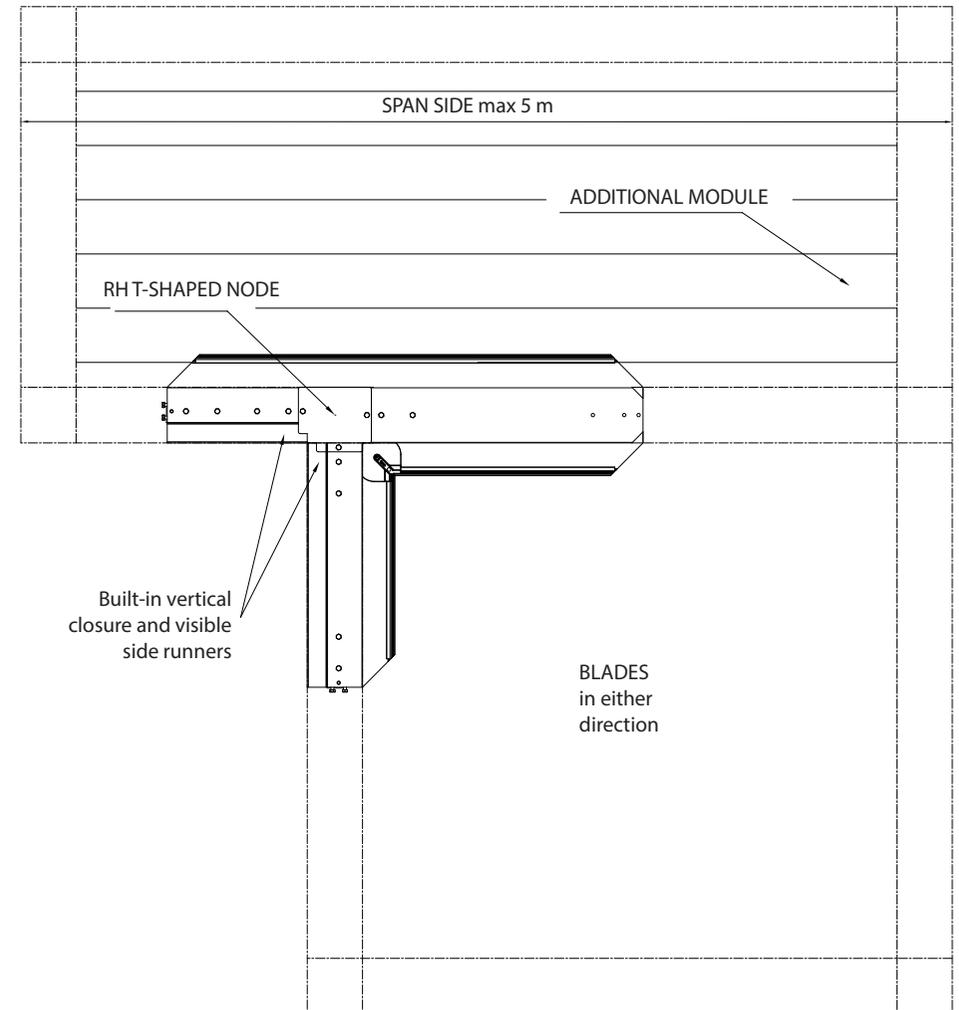
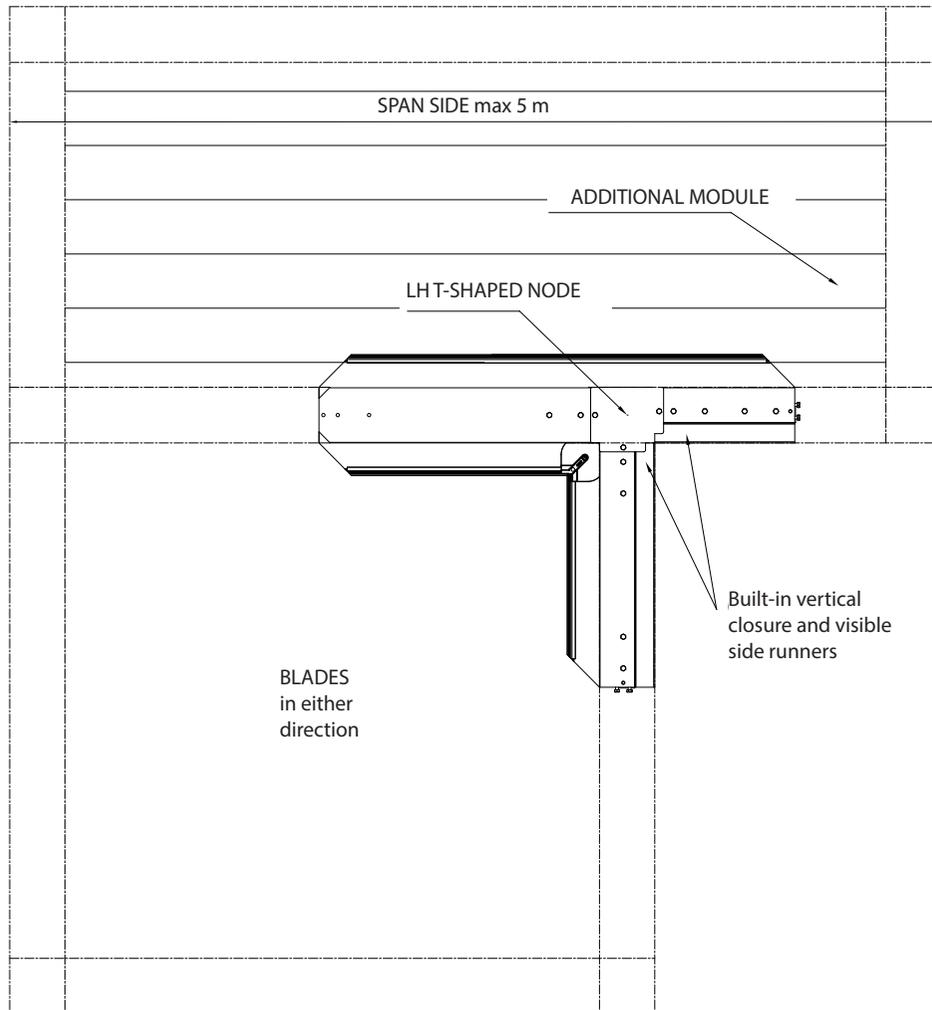
Wall fastening only on wall angle bracket, with mandatory dowels on all the 4 points available. The beams are supplied without processing for wall fastening but already assembled.



ANCHORAGE DIAGRAM



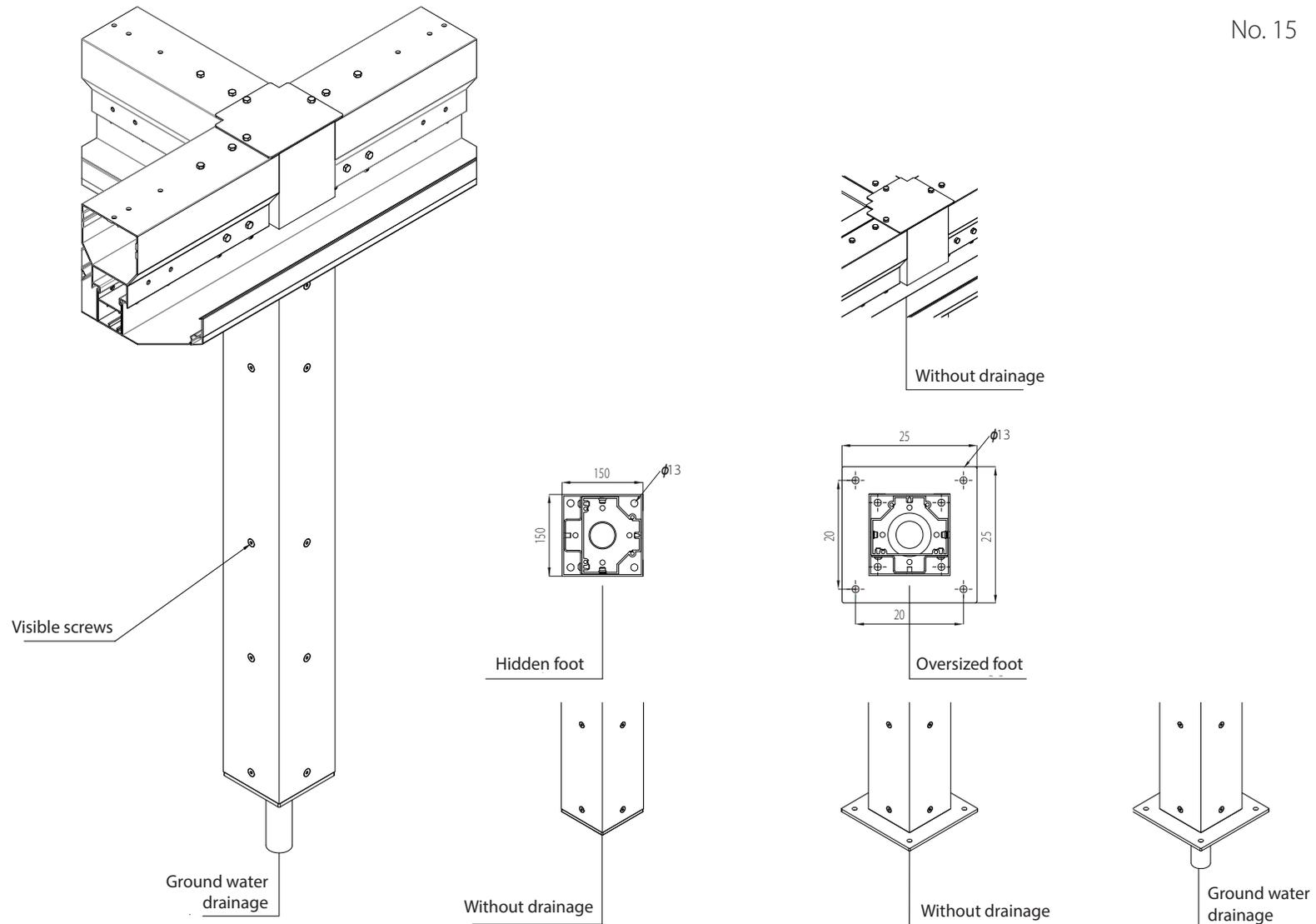
SOLUTION FOR ADDITIONAL T-SHAPED MODULE ORIENTED ON SPAN SIDE (maximum width 5 m)



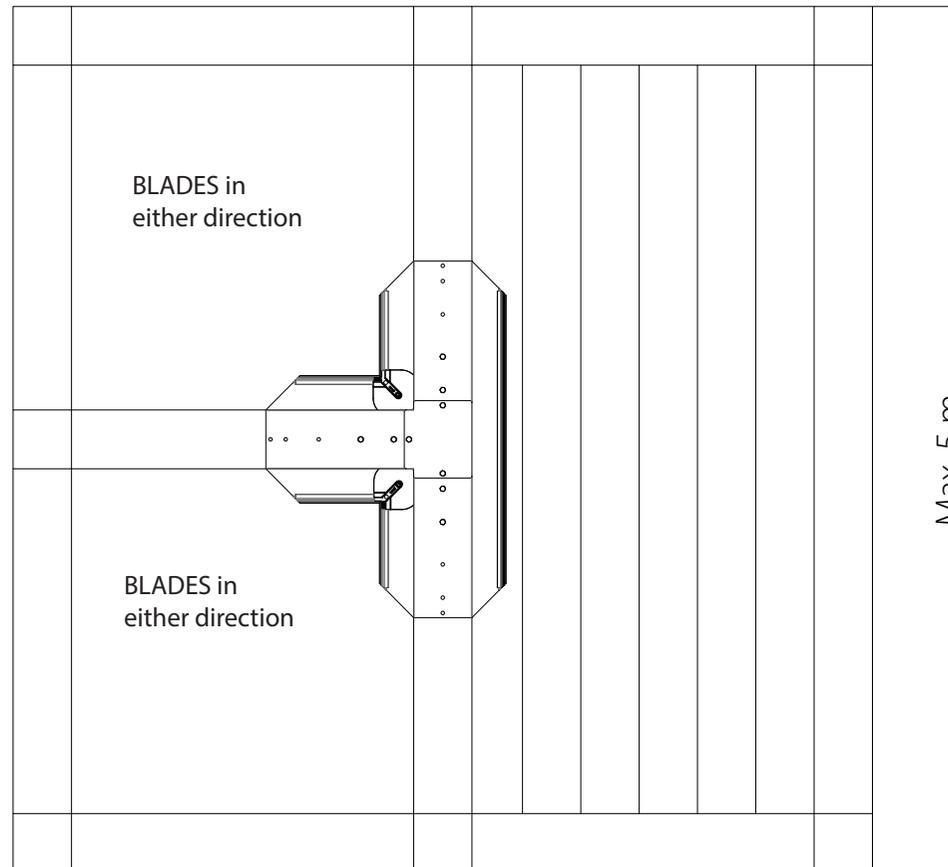
SOLUTION FOR ADDITIONAL T-SHAPED MODULE ORIENTED ON SPAN SIDE (maximum width 5 m) in combination with 2 modules side by side.  
Possibility of pillar with ground water drainage and/or increased plate (25x25 cm). Visible screws on pillar profile.

**NOTE: Make sure that each module has 2 drainage points.**

No. 15



SOLUTION FOR ADDITIONAL T-SHAPED MODULE ORIENTED ON SPAN SIDE (maximum width 5 m) in combination with 2 modules side by side.

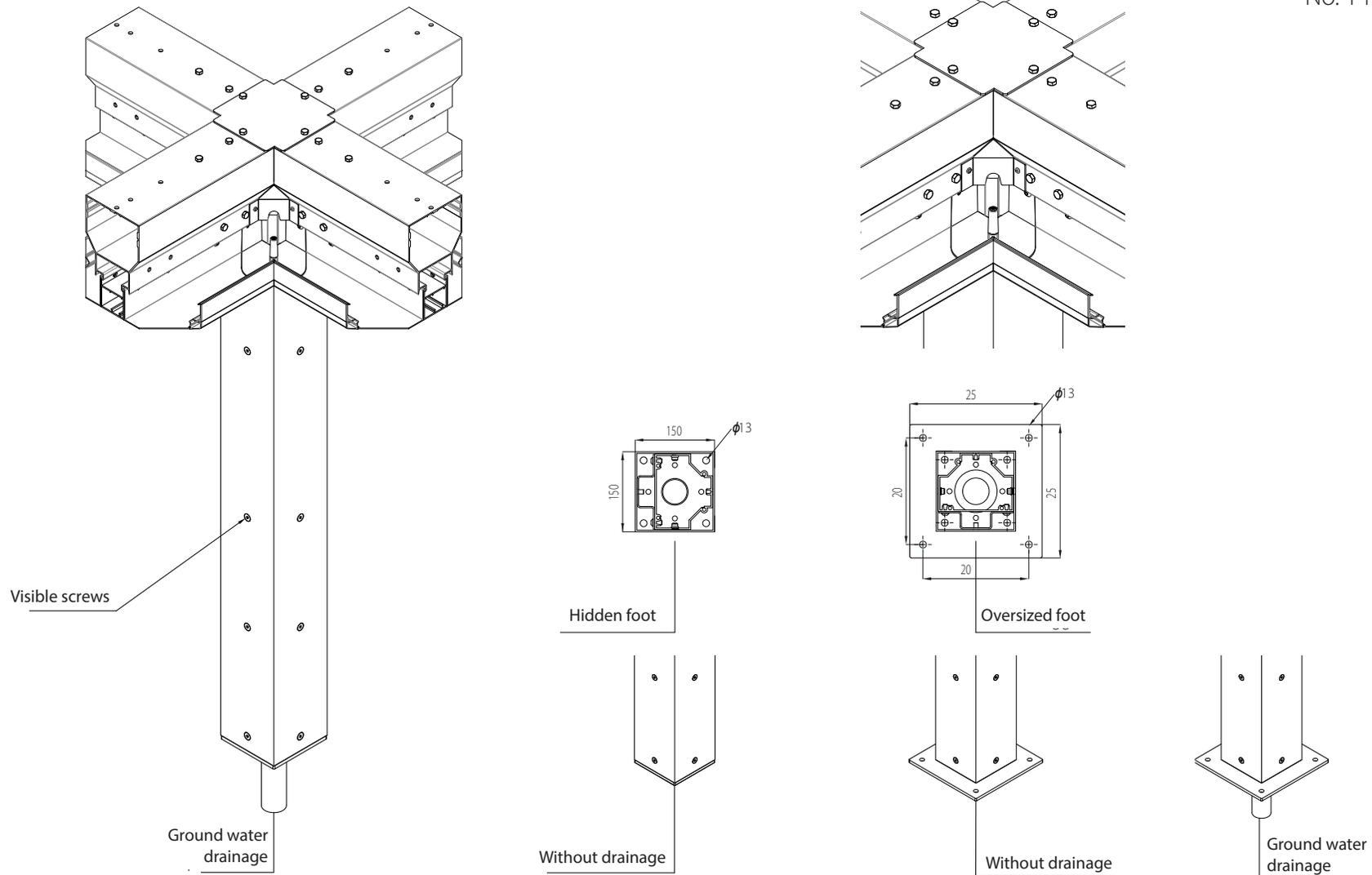


## SOLUTION FOR JOINING FOUR "X"-SHAPED MODULES

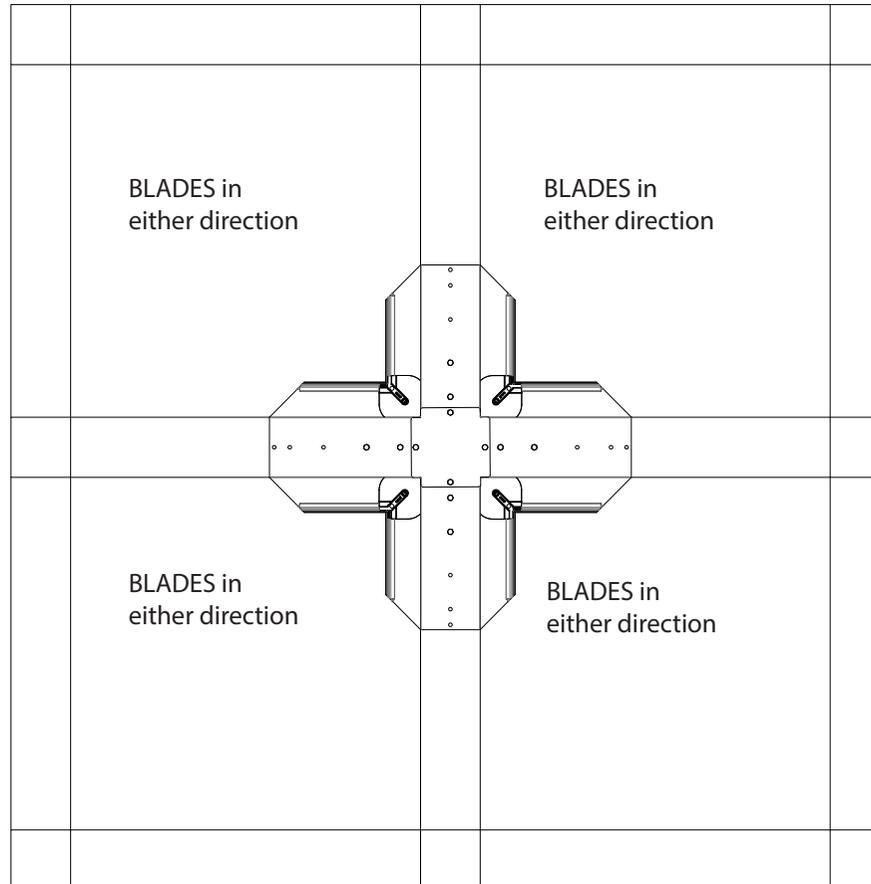
Possibility of pillar with ground water drainage and/or increased plate (25x25 cm). Visible screws on pillar profile.

**NOTE: Make sure that each module has 2 drainage points.**

No. 14



SOLUTION FOR JOINING FOUR "X"-SHAPED MODULES

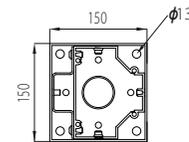
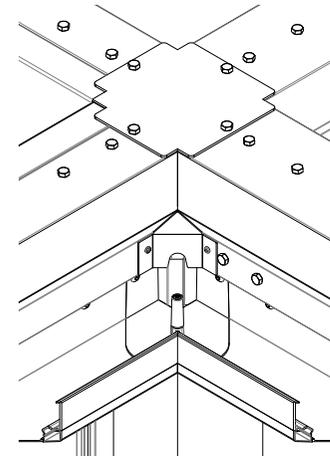
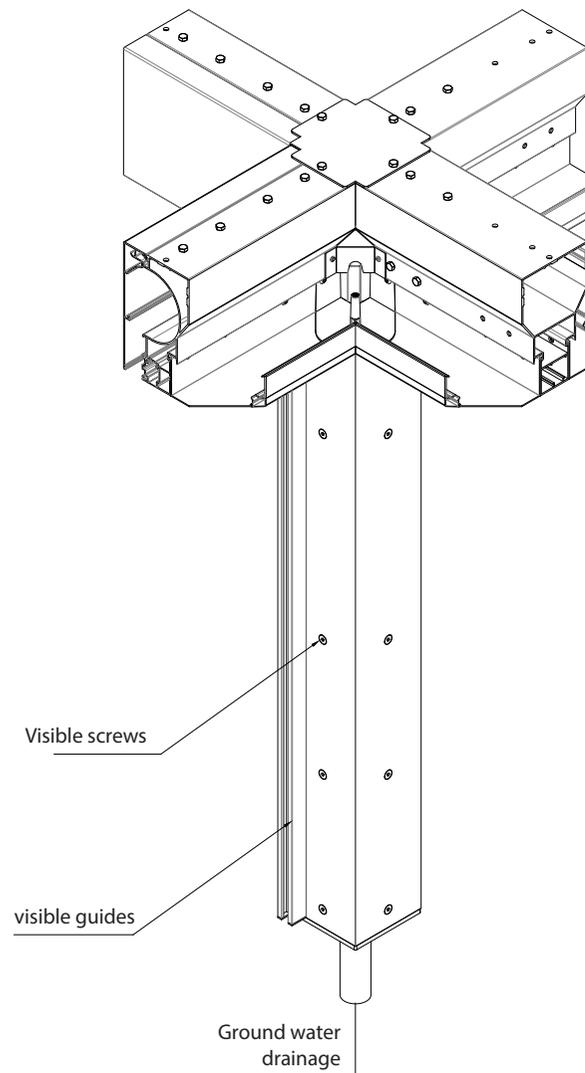


## SOLUTION FOR JOINING THREE "X\_T"-SHAPED MODULES

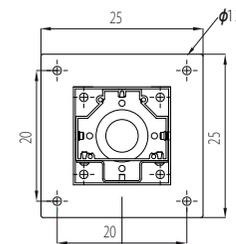
Possibility of pillar with ground water drainage and/or increased plate (25x25 cm). Vertical closures integrated on external beams and visible runners. Visible screws on pillar profile.

**NOTE: Make sure that each module has 2 drainage points.**

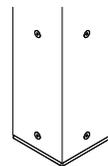
No. 13



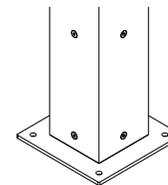
Hidden foot



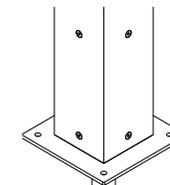
Oversized foot



Without drainage

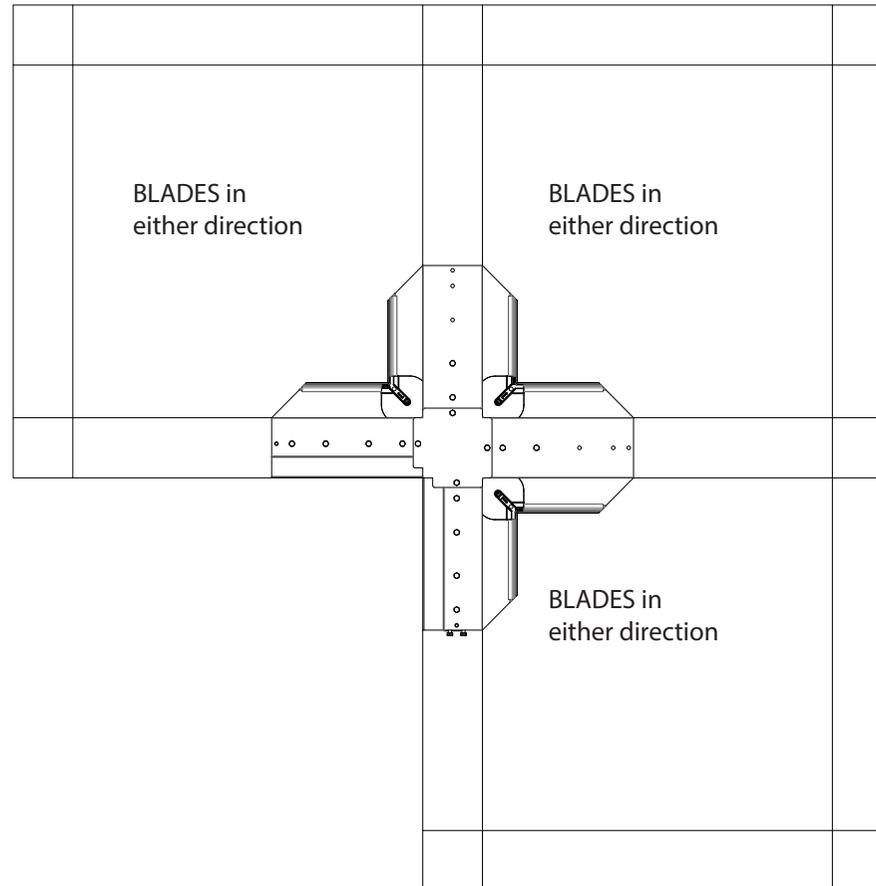


Without drainage



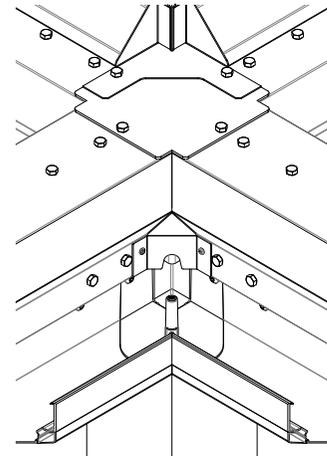
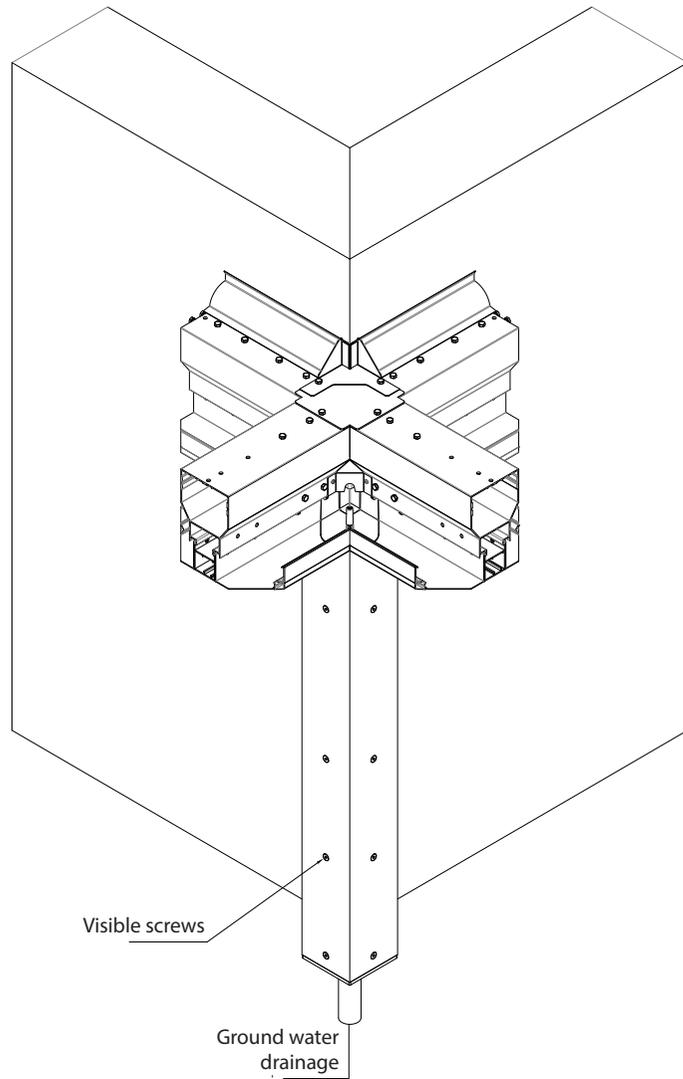
Ground water drainage

SOLUTION FOR JOINING THREE "X\_T"-SHAPED MODULES

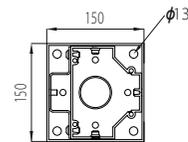


SOLUTION FOR JOINING THREE "X\_T"-SHAPED MODULES AGAINST THE WALL  
Possibility of pillar with ground water drainage and/or increased plate (25x25 cm). Visible screws on pillar profile.

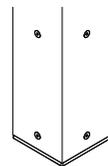
**NOTE: Make sure that each module has 2 drainage points.**



No. 16

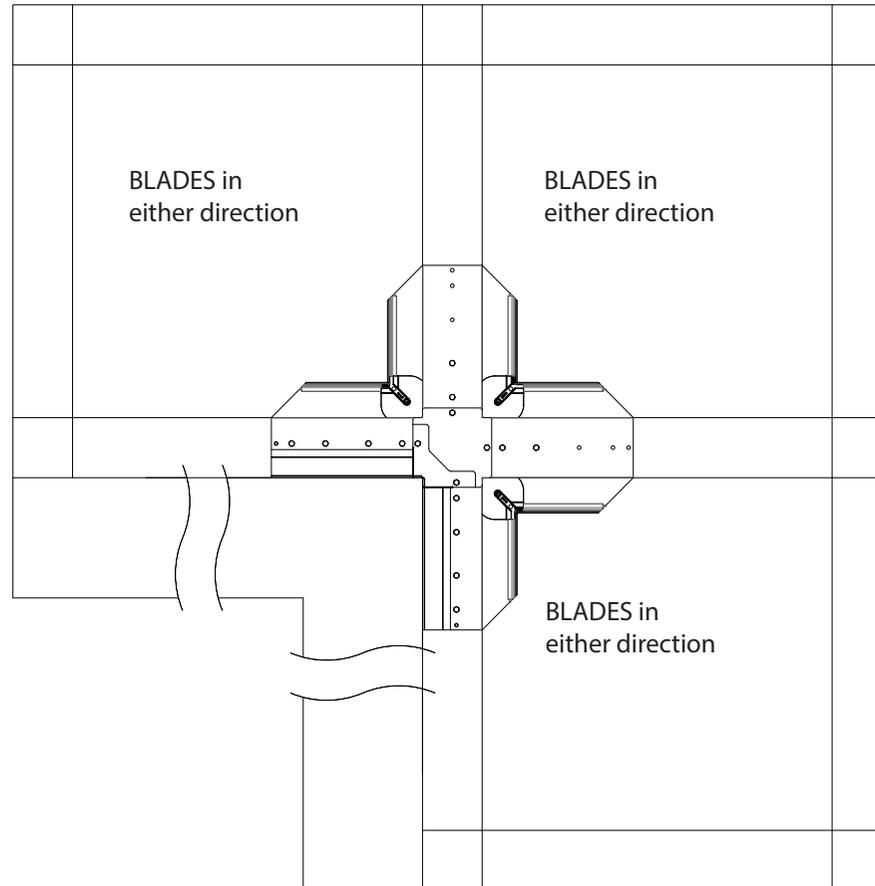


Hidden foot



Without drainage

SOLUTION FOR JOINING THREE "X\_T"-SHAPED MODULES AGAINST THE WALL

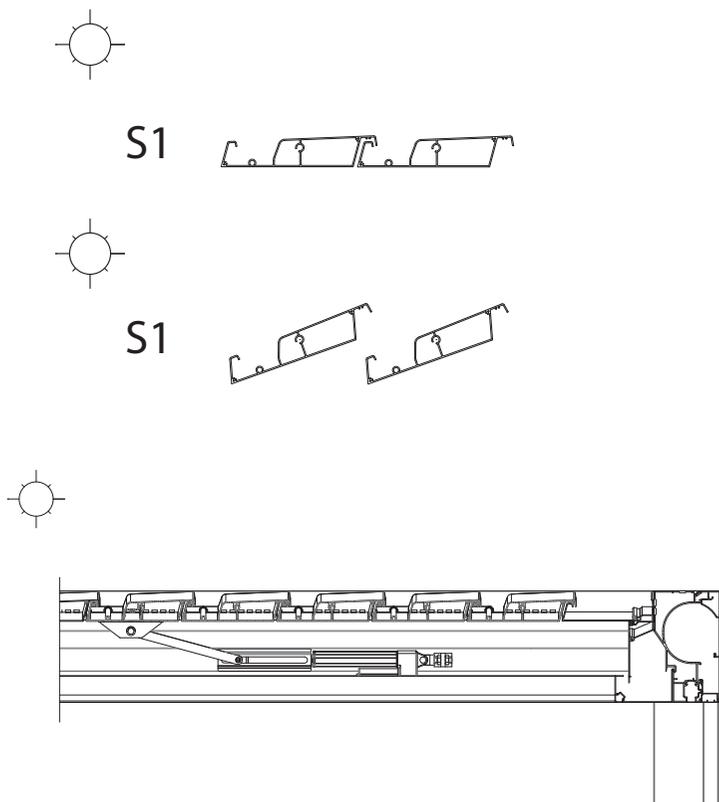


The remote-controlled motor that enables movement of the IMAGO® blades has a predetermined position (see the pages following these technical data sheets).

It is possible to choose the direction of rotation of the blades leaving the position of the motor unchanged in the sun protection configuration, while for the light passage configuration it will change according to the number of blades.

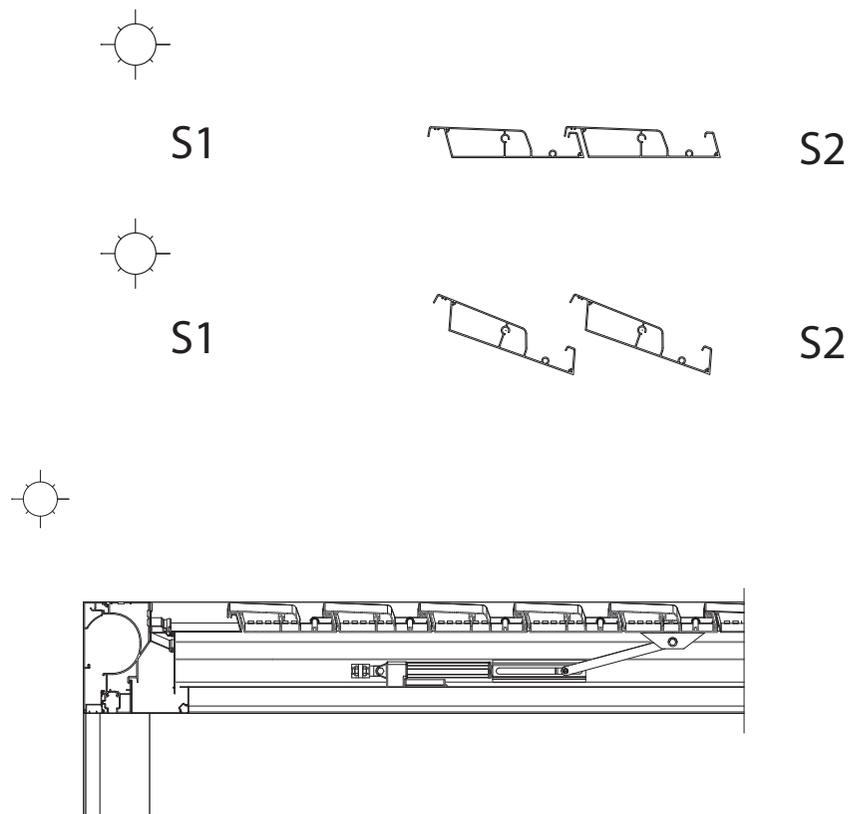
Following are illustrated the two possibilities for blade rotation:

## A: STANDARD SUN PROTECTION



Detail of the motor and its cover

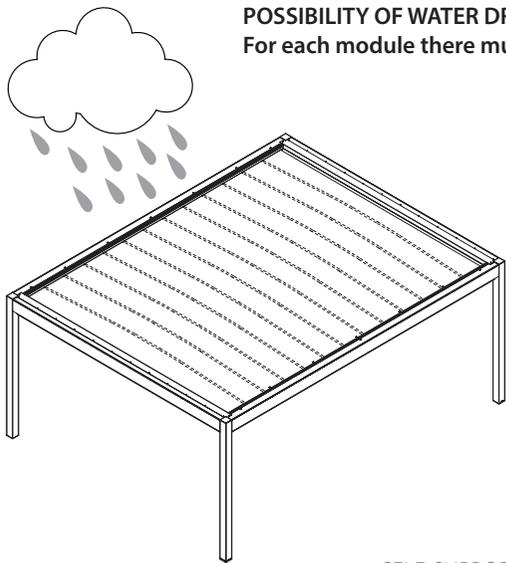
## B: PASSAGE OF THE LIGHT



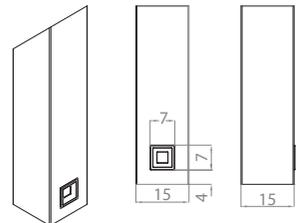
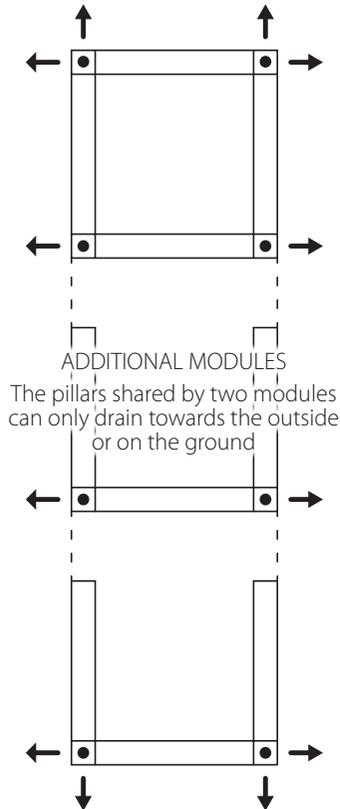
Detail of the motor and its cover

# IMAGO WATER DRAINAGE

The blade cover system of an IMAGO® - professionally installed - of the following dimensions 500 x 627 cm has been tested with constant and diffuse water spraying and in the absence of wind. The water drainage system can evacuate:  
 approx. 3600 litres/hour in all dimensions with 2 open drains on the pivot P1 side (low blade side);  
 approx. 6960 litres/hour in all dimensions with 4 open drains;  
 approx. 5400 litres/hour in all dimensions with PIVOT side, side-to-side module with 4 open discharges;  
 perfectly maintained and gutter totally flat, without water infiltration inside.  
 These values are significantly higher than class 2 (according to EN 13561:2015) and equal to 56 l/h/m<sup>2</sup>.  
 The IMAGO® features a tilting system to minimise any splashes due to water getting into the gutter.



**POSSIBILITY OF WATER DRAINAGE IN DIFFERENT CONFIGURATIONS:**  
**For each module there must be at least two water drains.**



For each pillar you can choose **ONLY ONE** of the following three solutions:

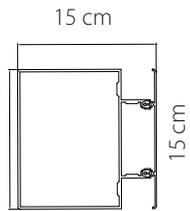
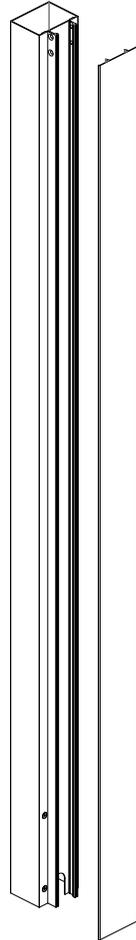
<p><b>1</b></p> <p>PIVOT</p> <p>SPAN</p>	<p><b>WATER DRAINAGE ON PIVOT SIDE</b></p> <p>The pillar and its cover are drilled on the PIVOT side</p> <p>Detail of ground attachment</p>	<p>The conveyor positioned on the gutter integrated into the perimeter in correspondence with the pillar must be cut</p>
<p><b>2</b></p> <p>PIVOT</p> <p>SPAN</p>	<p><b>WATER DRAINAGE ON SPAN SIDE</b></p> <p>Only the pillar is drilled on the SPAN side</p> <p>Detail of ground attachment</p>	<p>The conveyor positioned on the gutter integrated into the perimeter in correspondence with the pillar must be cut</p>
<p><b>3</b></p> <p><b>GROUND DRAINAGE / NO DRAINAGE</b></p> <p>If on the order form for the pillar the water drainage is not indicated either on the PIVOT side or on the SPAN side, no hole is drilled in the pillar and it is possible to implement two solutions directly at the building site:</p>		
<p><b>Ground drainage</b></p> <p>PIVOT</p> <p>SPAN</p> <p>Detail of ground attachment <b>The hole on the base plate acts as drain and must be connected to the rainwater drainage network</b></p> <p>The conveyor positioned on the gutter integrated into the perimeter in correspondence with the pillar must be cut</p>		
<p><b>No drainage</b></p> <p>PIVOT</p> <p>SPAN</p> <p>Detail of ground attachment <b>The hole in the base plate must be sealed at the building site</b></p> <p>The conveyor positioned on the gutter integrated into the perimeter in correspondence with the pillar <b>MUST NOT</b> be cut</p>		

# IMAGO® INTERMEDIATE PILLAR FOR CLOSURES

Fixing plate for SWING MAGIKO/BRIO

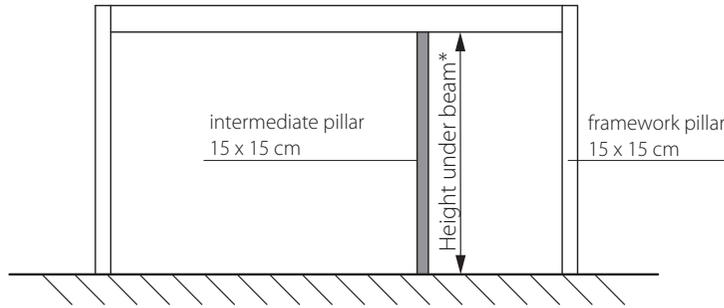


Plate for fastening the pillar to the framework



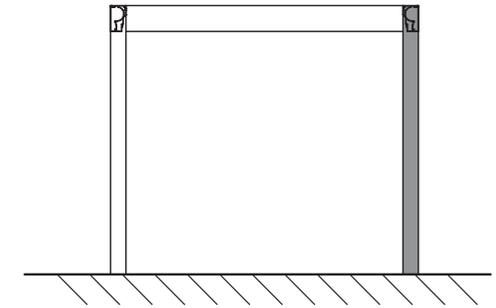
PILLAR CROSS-SECTION

Plate for fastening the pillar to the ground

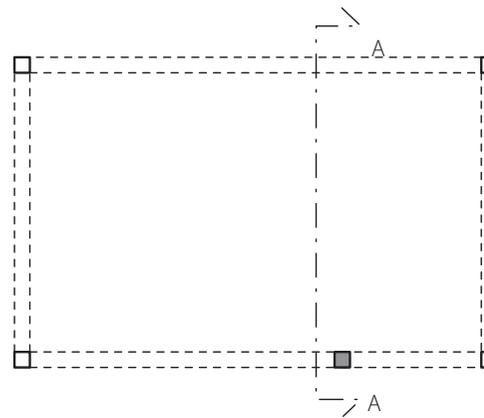


FRONT VIEW OF IMAGO® WITH INSERTION OF INTERMEDIATE PILLAR FOR CLOSURES

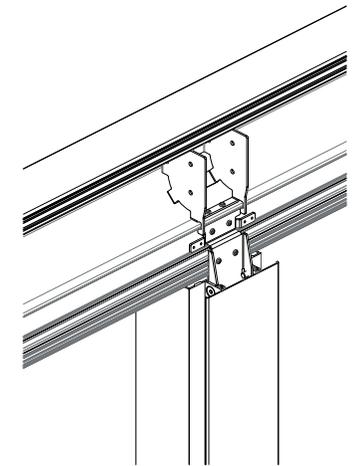
\*Height intermediate pillar = Height under beam



A-A CROSS-SECTION



PLAN VIEW OF IMAGO® WITH INSERTION OF INTERMEDIATE PILLAR FOR CLOSURES



Detail of the intermediate pillar attached to the beam

# IMAGO® SWING BRIO

SWING BRIO is a vertical closure that can be rolled up on runners with the purpose of protecting from sun, rain and wind, composed of aluminium structure and roll-up canvas.

The protection cassette completely integrated in the structure can be inspected for check and maintenance of the roller tube with 78/100mm diameters depending on the width.

The quite small side runners (33x63 mm) are partially integrated into the pillar with a visual encumbrance of only 33x33 mm. They are equipped with a canvas fastening system.

Automatic locks (patented) are fitted for tensioning the canvas (they can be disabled during installation).

SWING BRIO is driven by a 220 Volt motor reducer (electric drive) with integrated receiver.

The canvas is available with Cristal and filtering fabrics.

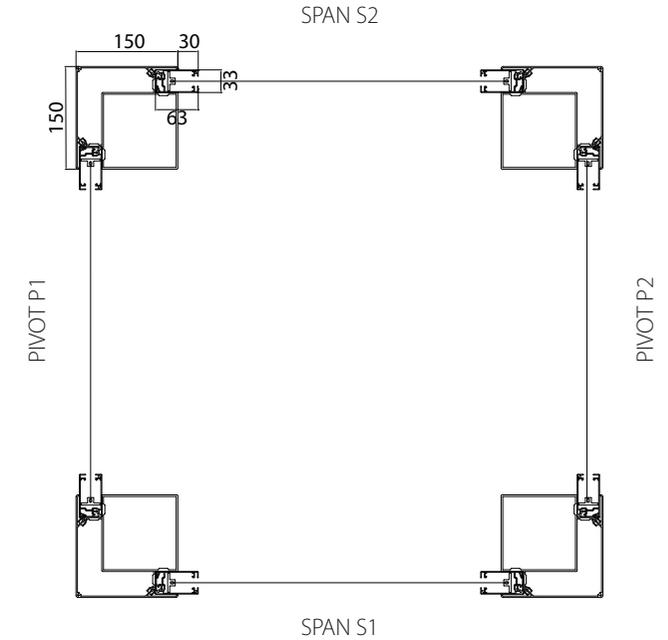
**NOTE: SWING BRIO motor in IMAGO® applications is always fitted on the RH (view from inside the structure).**

**NOTE: SWING BRIO can be ordered after the structure.**

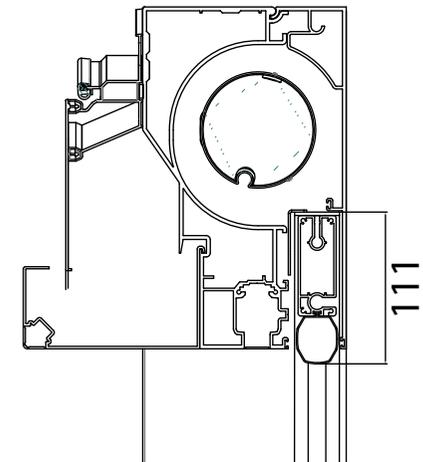
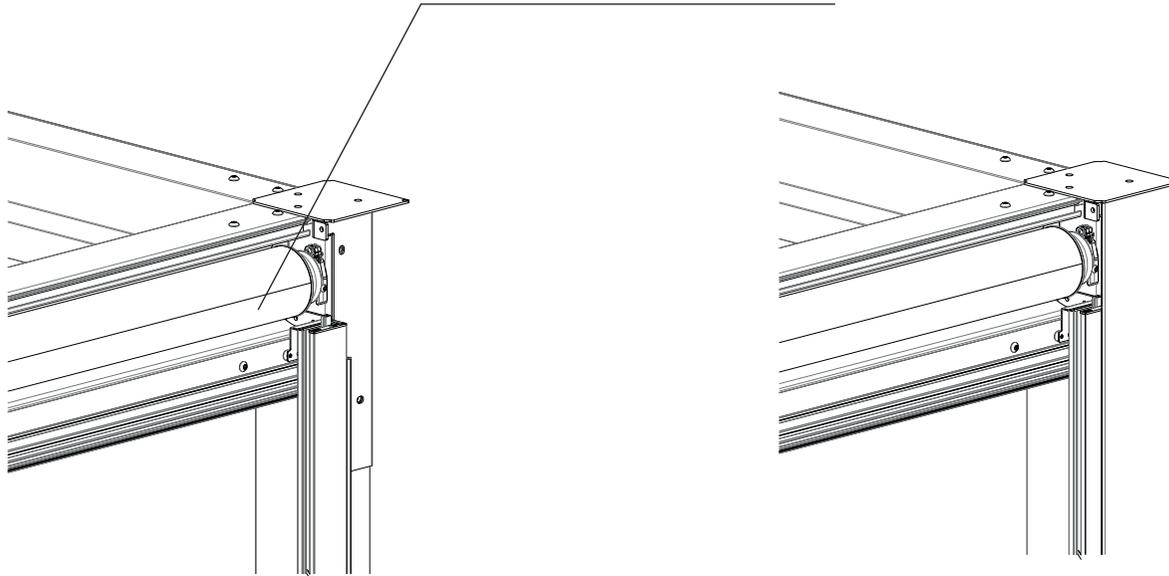
**In this case it is advisable to order the structure without predispositions. In this way the pillar and beam covers will be supplied.**

## SWING BRIO CANVAS FABRIC

	Maximum width (cm)	Maximum height under beam (cm)	Fabric type
SWING BRIO Cristal	500	275	Cristal, Cristal M2 and Cristal RES
SWING BRIO Filtering	500	275	Sunworker, Soltis 86, Insect screen, Eclissi (white, ivory, grey), Lac 650 SL, Precontraint 302 Matt
SWING BRIO Filtering	600	275	Glassrope



Roller tube incorporated in the beam



Measurements are expressed in mm

# IMAGO® SWING MAGIKO<sup>B</sup>

SWING MAGIKO B is a vertical closure that can be rolled up on runners with the purpose of protecting from sun, rain and wind, composed of aluminium structure and roll-up canvas.

The protection cassette completely integrated in the structure can be inspected for check and maintenance of the roller tube with 78/100mm diameters depending on the width.

The small side runners (33x33 mm) are fully integrated in the pillar and provided with canvas fastening system.

SWING MAGIKO B is driven by a 220 Volt motor reducer (electric drive) with integrated receiver.

The canvas is available with filtering fabrics.

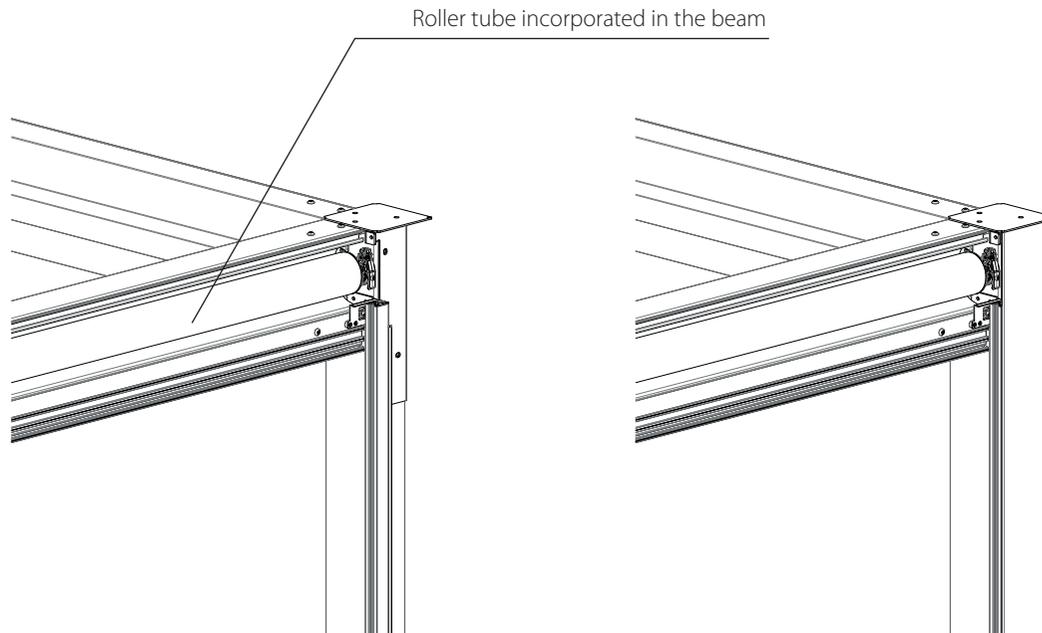
**NOTE: SWING MAGIKO B motor in IMAGO® applications is always fitted on the RH (view from inside the structure).**

**NOTE: SWING MAGIKO B can be ordered after the structure.**

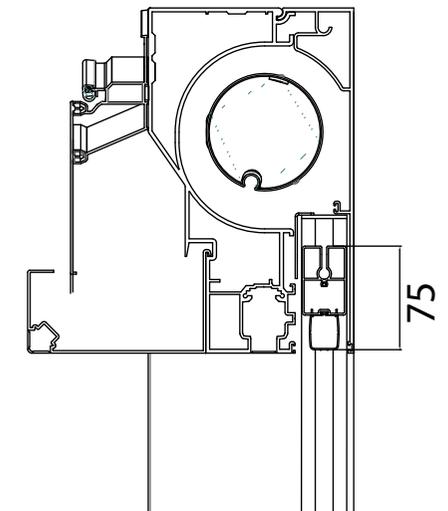
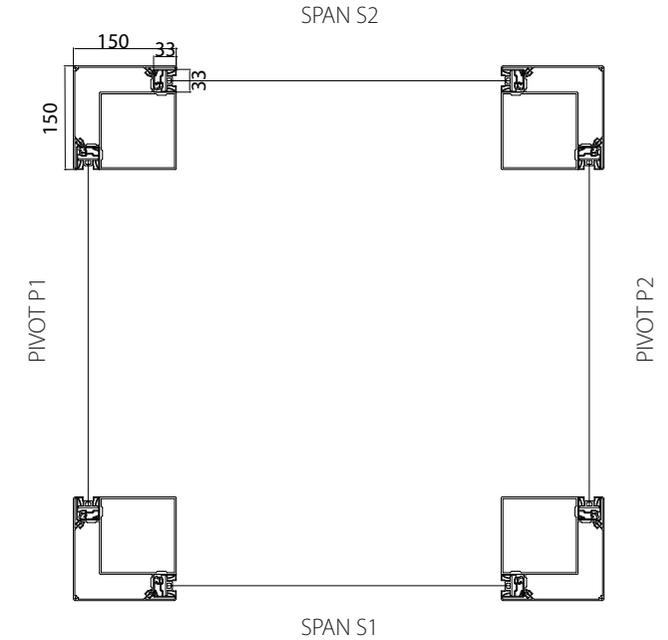
**In this case it is advisable to order the structure without predispositions. In this way the pillar and beam covers will be supplied.**

## SWING MAGIKO B CANVAS FABRIC

	Maximum width (cm)	Maximum height under beam (cm)	Fabric type
<b>Filtering SWING MAGIKO B</b>	500	275	Sunworker, Soltis 86, Insect screen, Eclissi (white, ivory, grey), Lac 650 SL, Precontraint 302 Matt
<b>Filtering SWING MAGIKO B</b>	600	275	Glassrope



Roller tube incorporated in the beam

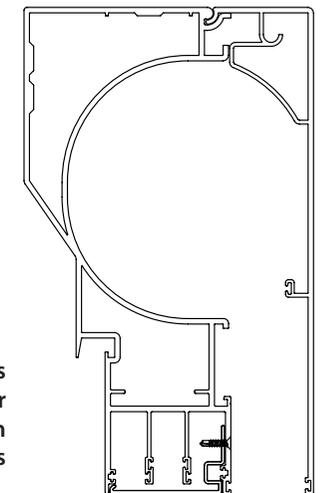
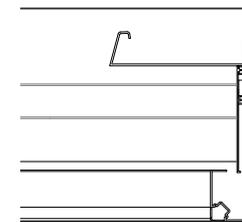
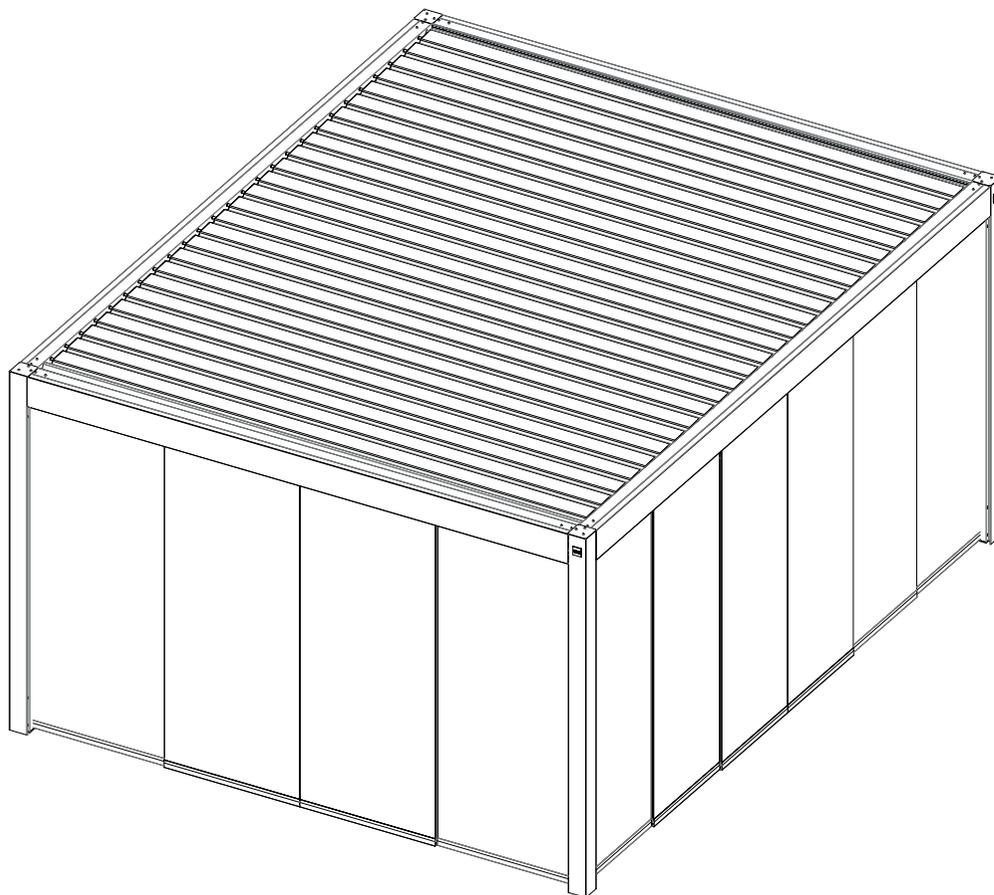


Measurements are expressed in mm

# IMAGO® INTEGRATED GLASS DOORS

The GLASS DOOR fully integrated in the side beam is a horizontal sliding glass door system custom-made for protection against wind and rain, made up of an aluminium structure and glass panels. The frame, being integrated in the upper part of the structure, is provided only in the 3-way version with all the panels next to the first one and allows the lateral or central opening of the whole surface. The structure is composed of extruded aluminium section bars. Epoxy powder coating except for the lower runners and supplied accessories, available in anodised aluminium version only. The glass (in accordance with UNI EN 12211/12210 – RESISTANCE TO WIND LOAD - Class 4) is a safety single tempered sheet, HST tested and can be 8 or 10 mm thick. Between the glasses a gasket can be present, that ensures a better tightness. The sliders are provided with silent wheels, supported by ball bearings with wear-resistant sliding surfaces with reduced maintenance. The sliders can be adjusted in height up to 5 mm and have a maximum load capacity of 80 kg/door.

**NOTE: the glazing can only be installed on the structure if it is requested in the order (dedicated beams). If Domino is used, it is advisable to order them at the same time.**



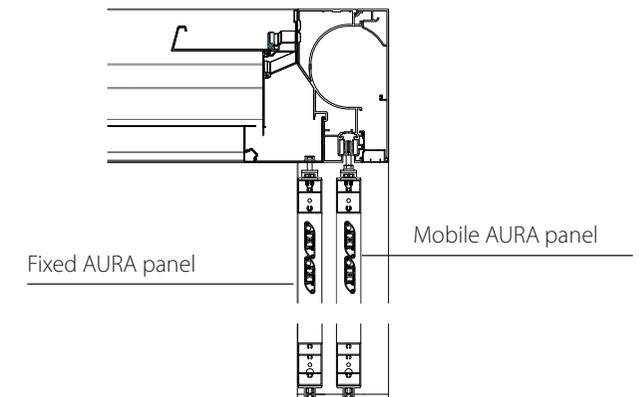
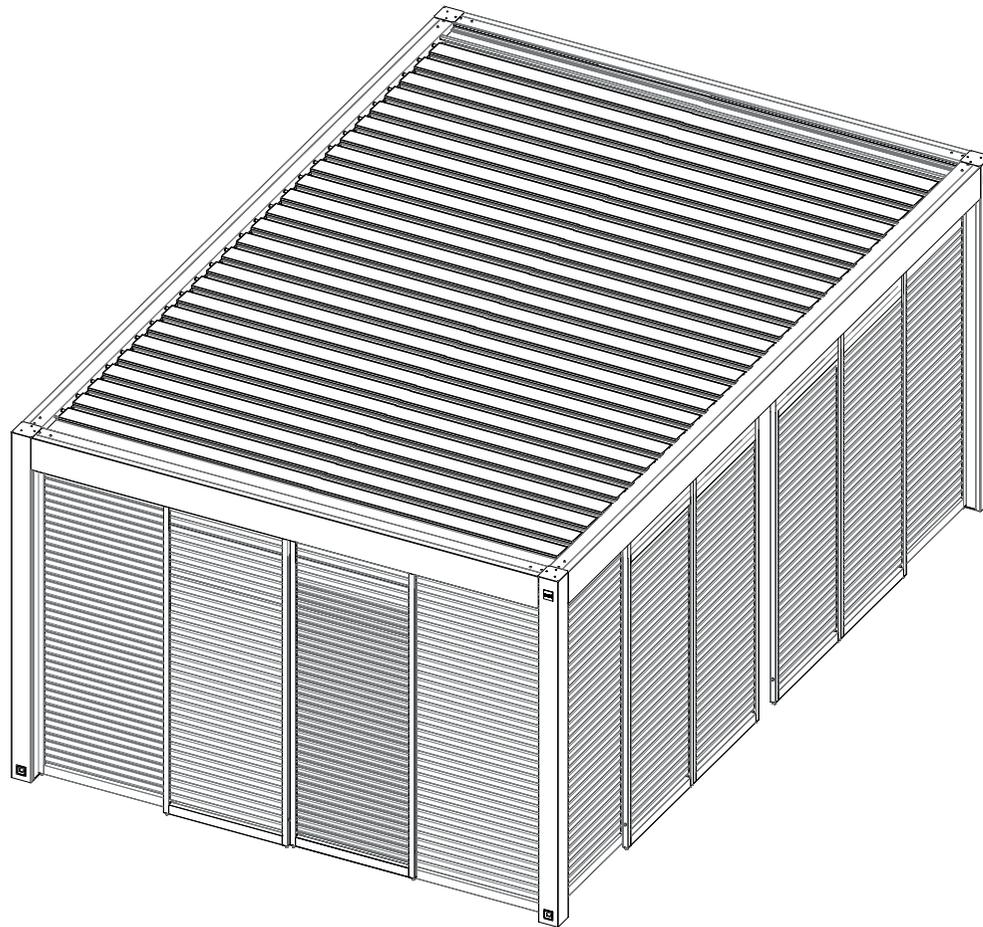
If the customer decides not order the glass doors at the same time as the structure, a cover strip for the runners can be ordered, which can be removed at a later stage to install the glass doors.

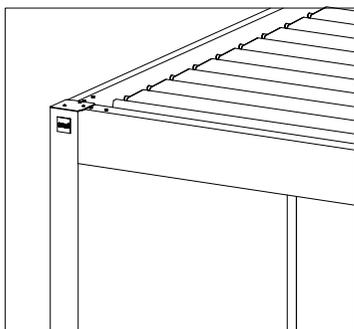
# IMAGO® INTEGRATED AURA PANELS

The AURA PANELS fully integrated into the side beam are a horizontal sliding system custom-made for sun protection. This system consists of panels composed of an aluminium frame and aluminium or wood blades, fixed or manually adjustable.

The frame, being integrated in the upper part of the structure, can have only 1 runner so the panels placed at the ends and adjacent to the pillars are fixed and not sliding.

**NOTE: Aura panels must be ordered at the same time as the structure; they cannot be installed on the structure at a later date.**

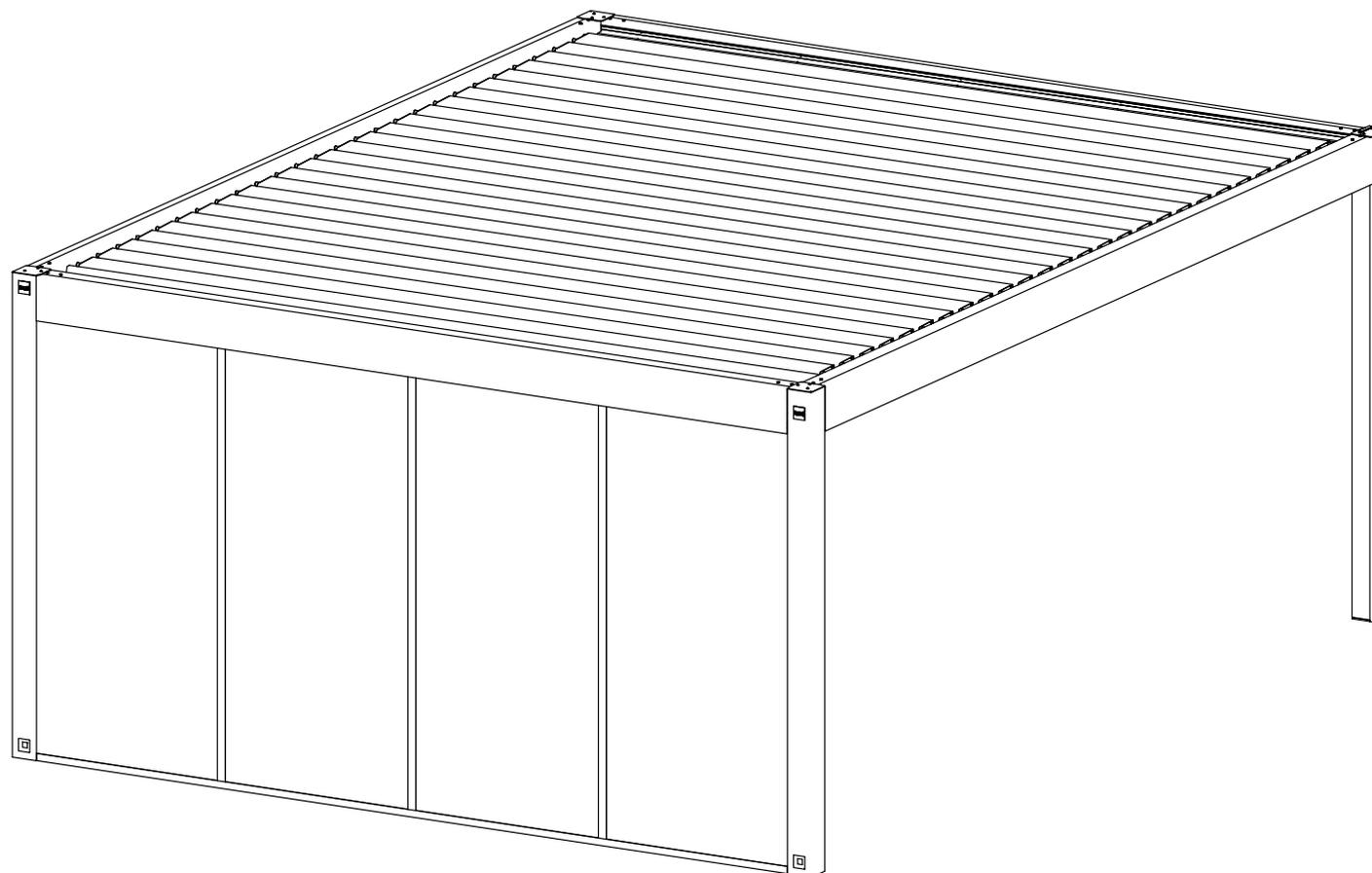




The aluminium FIXED PANELS included in the side beam and inside the pillars have been designed to create a space that can be used all year round. They consist of an internal frame, to which aluminium sheets are fixed.

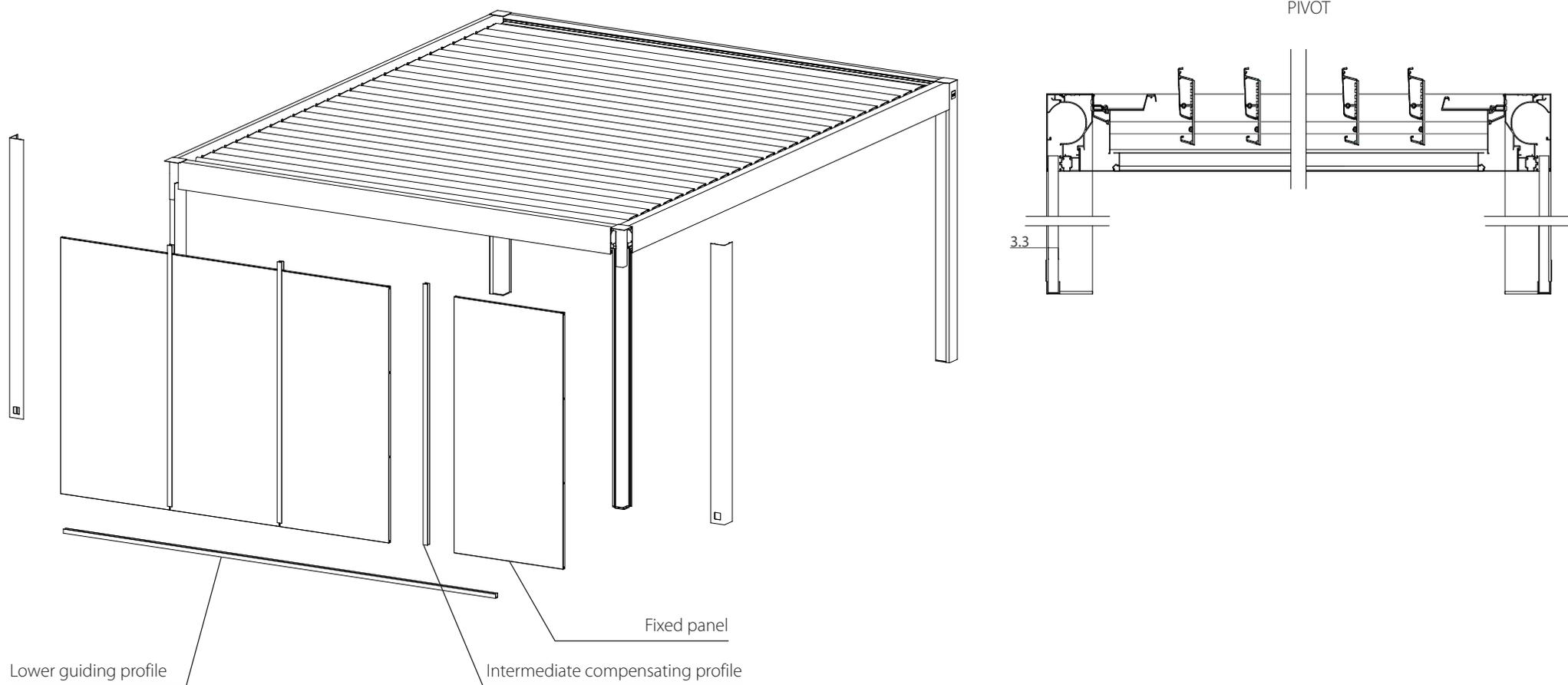
**NOTE: Fixed panels can only be installed on the SPAN sides of the structure.  
For any other configuration please ask to your sales contact for price and feasibility check.**

**NOTE: Fixed panels can be ordered after the structure. In this case it is recommended to order the structure without the predispositions.  
The covers can be removed when the panels are installed.**



# IMAGO® FEATURES OF IMAGO® FIXED PANELS

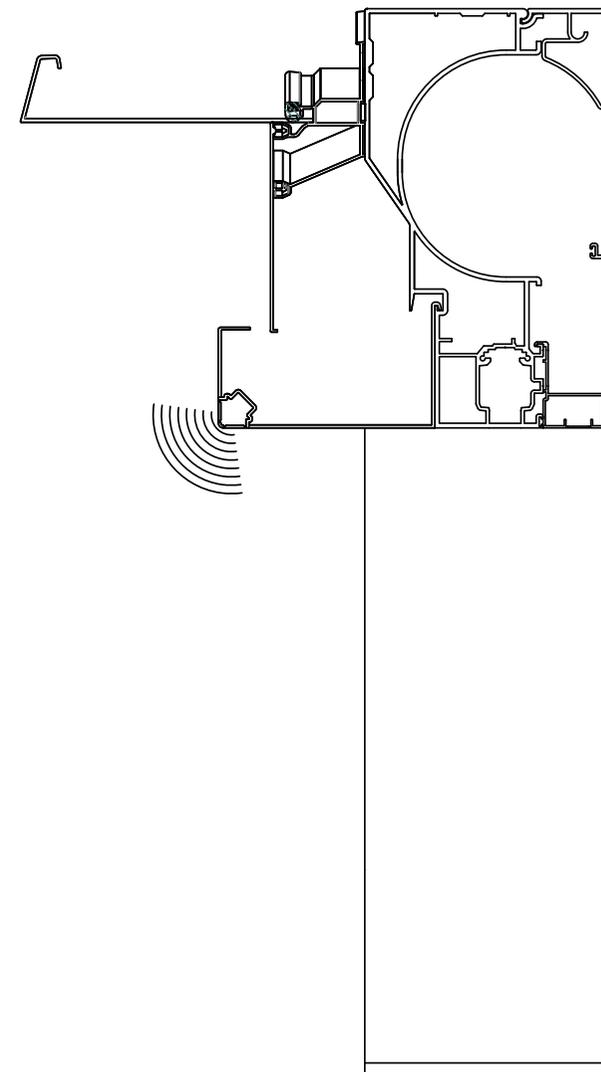
The total thickness of the system of fixed panels is 4 cm at the intermediate compensating profiles. Otherwise the thickness of the panel is 3.3 cm.



Measurements are expressed in cm.

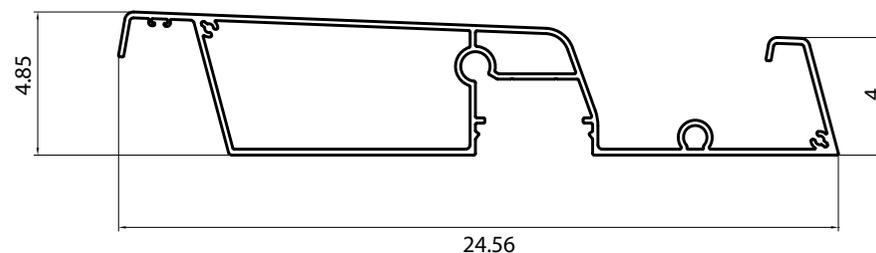
# IMAGO® LED LIGHTS INTEGRATED IN THE GUTTER

Basic profile	Aluminium, powder-coat finish, available in all standard Corradi colours.
Strip covers	Special plastic diffuser to spread light uniformly.
LEDs	Available in: - 3000 K white light with 790 lm/m (120 LED/m) IP67 = suitable for outdoor use - RGB light with 430 lm/m (120 LED/m) IP65 = suitable for outdoor use <b>The LEDs can be operated and dimmed (only white) using a multi-channel transmitter (not included).</b>
Command	Orders with LED lights integrated along the entire perimeter of the gutters include the control unit and power supply. With the control unit you will need a remote control (not included). The LED lights connected to the same control unit cannot be activated singularly.
Integration	The LED system is integrated in the gutters. The LED system can only be ordered together with IMAGO® (integration at a later time is not possible).
LED length	<b>The LEDs are only available along the entire length and perimeter of the gutter.</b>

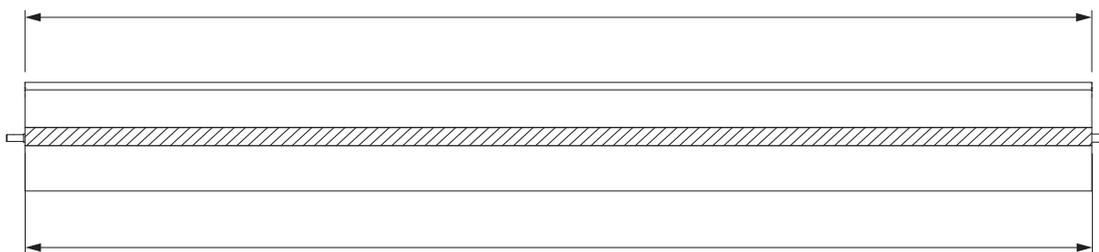


# IMAGO® LED LIGHTS INTEGRATED IN THE BLADES

Basic profile	Aluminium, powder-coat finish, available in all standard Corradi colours.
Strip covers	Special plastic diffuser to spread light uniformly.
LEDs	Available in: - 3000 K white light with 790 lm/m (120 LED/m) IP67 = suitable for outdoor use <b>The LEDs can be operated and dimmed using a multi-channel transmitter (not included).</b>
Command	Orders with LED lights integrated in the blades (1, 2, 3 blades) include the control unit and power supply. With the control unit you will need a remote control (not included). The LED lights connected to the same control unit cannot be activated singularly.
Integration	The LED system is integrated in the blades The LED system can only be ordered together with IMAGO® (integration at a later time is not possible).
LED length	<b>The LEDs are only available in a length equal to the entire blade</b>



BOTTOM VIEW OF BLADE WITH LED  
Blade length \*



**LED length = Length of the blade**

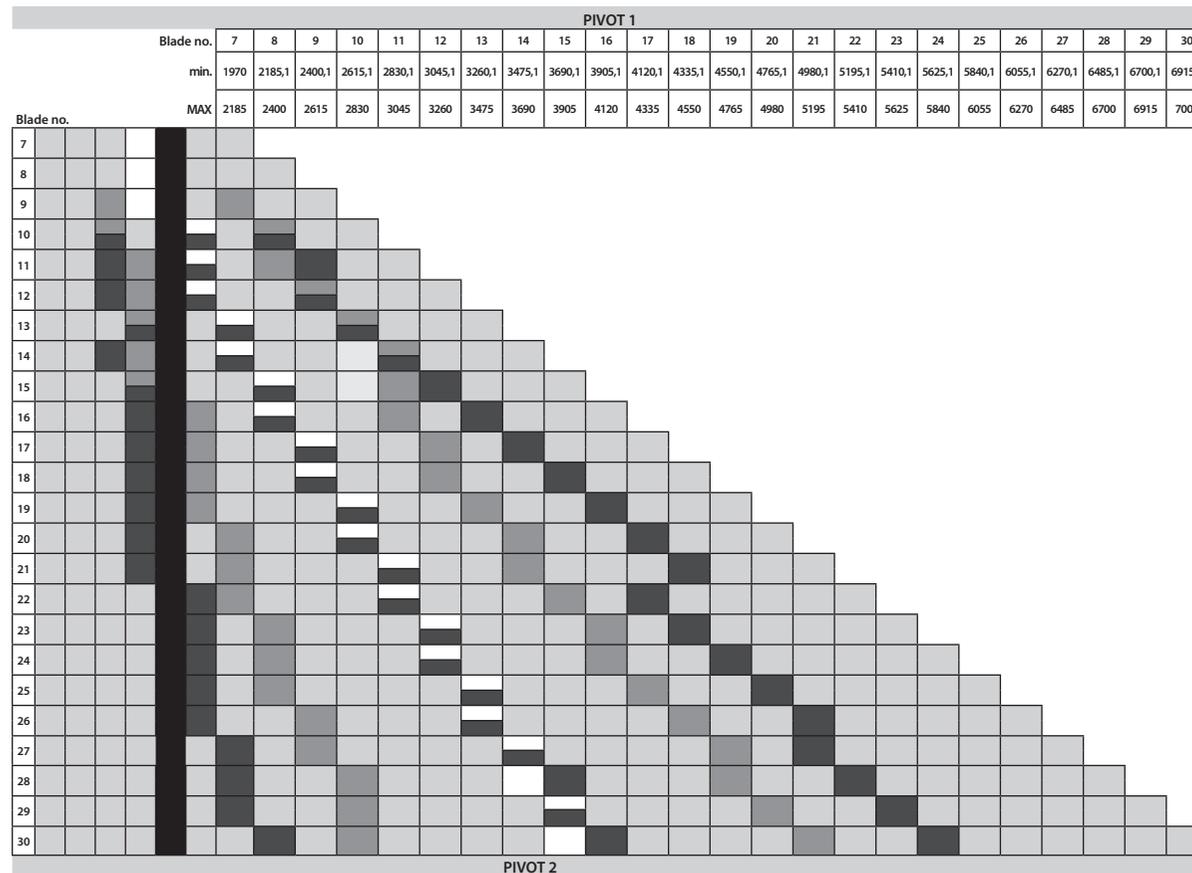
\* Blade length:  
For IMAGO® single module: SPAN - 36 cm  
For IMAGO® additional module on the SPAN side: SPAN - 36 cm  
For IMAGO® additional module on the PIVOT side: SPAN - 21 cm

Measurements are expressed in cm

If no specifications are provided by the customer, Corradi will supply the blades with LEDs in order to make the lighting as uniform as possible in the illuminated area, according to the standard positions of the blades with LEDs indicated in the following tables:

Blade with LED in case of 1 illuminating blade  
  Blade with LED in case of 2 illuminating blades  
  Blade with LED in case of 3 illuminating blades  
  Motor

## POSITION OF ILLUMINATING BLADES IN SUN PROTECTION CONFIGURATION



If a custom configuration is desired, specify the blade number (calculated starting from SPAN S1) where lighting is wanted.

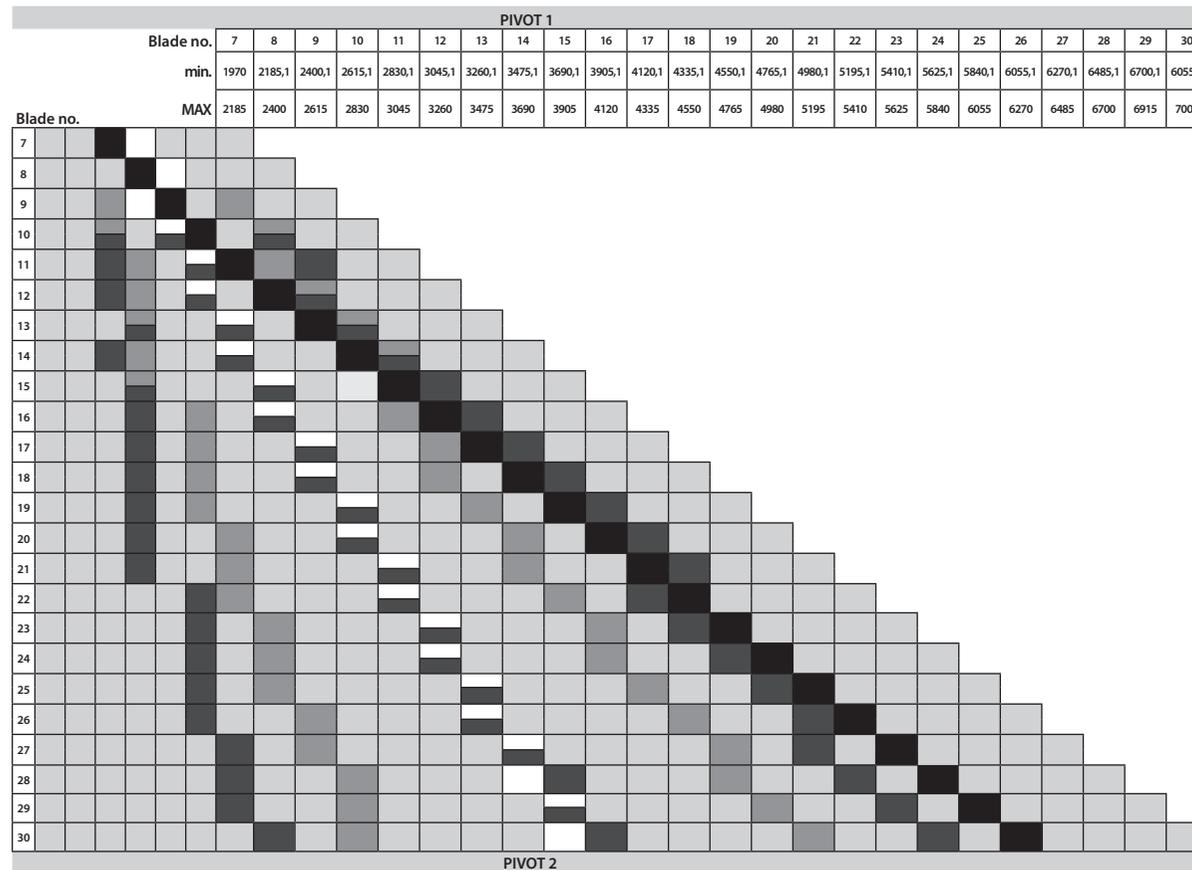
**NOTE The blade connected to the motor cannot have illumination.**

Measurements are expressed in mm

If no specifications are provided by the customer, Corradi will supply the blades with LEDs in order to make the lighting as uniform as possible in the illuminated area, according to the standard positions of the blades with LEDs indicated in the following tables:

- Blade with LED in case of 1 illuminating blade
- Blade with LED in case of 2 illuminating blades
- Blade with LED in case of 3 illuminating blades
- Motor

## POSITION OF ILLUMINATING BLADES IN PASSAGE OF LIGHT CONFIGURATION

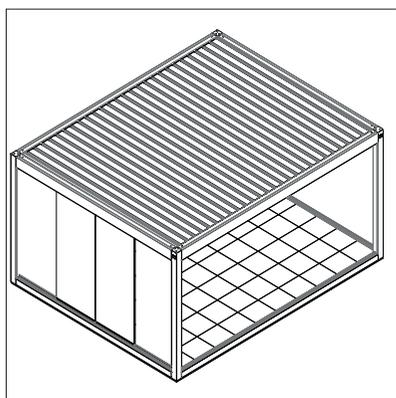


If a custom configuration is desired, specify the blade number (calculated starting from SPAN S1) where lighting is wanted.

**NOTE The blade connected to the motor cannot have illumination.**

Measurements are expressed in mm

# DOMINO PLATFORM



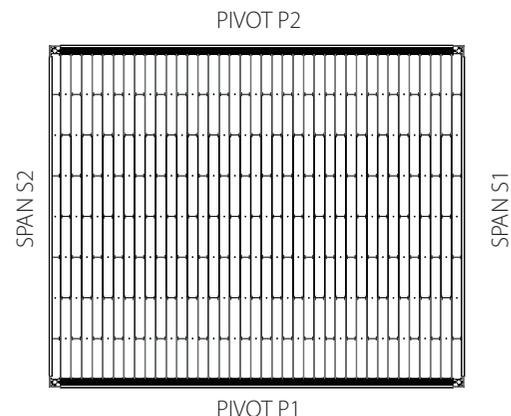
DOMINO is the platform designed to complete IMAGO® that combines continuous linear aesthetics and functionality, acting as ballast thanks to the anchorage system of the pillars at the end of the platform.

In addition, DOMINO can integrate the gutter drain by conveying the waste water underneath the supporting structure. The standard version with visible drains positioned on span or pivot pillars remains available if integration is not recommended.

The structure is composed of a modular load-bearing aluminium frame, with perimeter beams and internal crossbeams, and a system of finishing covers that emphasize the continuity of the structure and reinforce the play of

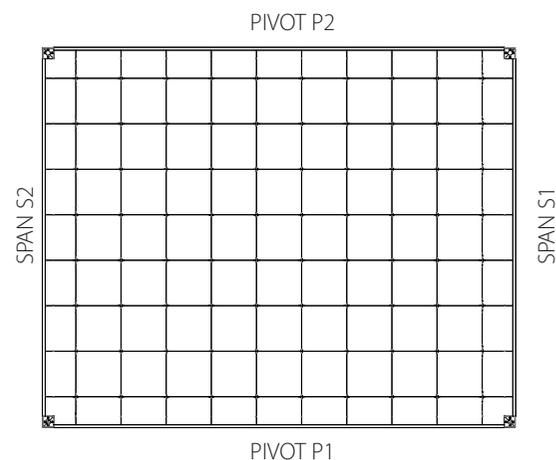
colours proposed in the bicolor version of IMAGO®.

DOMINO can also be installed on areas that are not perfectly flat, as it is designed to compensate for a maximum height difference of 4 cm. The deck is raised and adjustable and varies from a minimum height of 17.7 cm to a maximum height of 21.7 cm. The finish - not supplied by Corradi - is at the customer's discretion and can be made of wood, ceramic, stone or other material, provided that the thickness of the covering is between 2 and 2.5 cm. For materials other than ceramic or stone, it is compulsory to ballast the structure by placing on the supporting frame a correct number of washed gravel tiles (size 40x40x3 or 50x50x3 cm) in correspondence of the compartments of each internal crossbeam of the structure placed under the walking surface. If the platform finish needs to be cut, it is advisable to choose machines suitable for the thickness to be processed.



### TECHNICAL DATA OF DOMINO WITH SLATS

Unladen weight/sqm	kg ≈ 10
Weight/sqm with ballast (outdoor tiles 40x40x3/50x50x3 cm)	kg ≈ 75/90
Capacity/sqm	kg 400
Length of side parallel to the internal connection profiles (side perpendicular to the slats)	Pivot
Length of side perpendicular to the internal connection profiles (side parallel to the slats)	Span

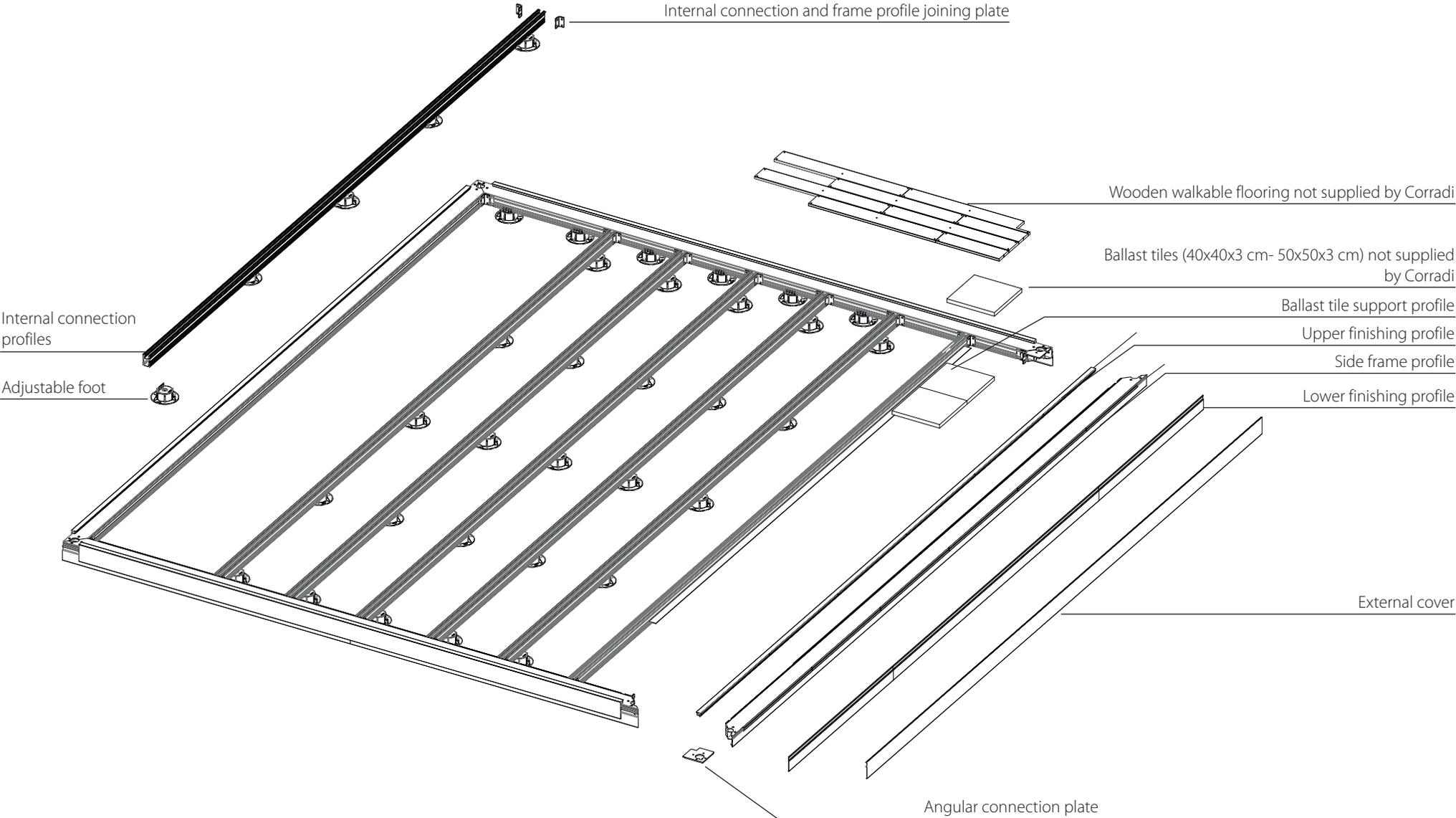


### TECHNICAL DATA OF DOMINO WITH TILES (recommended dimensions 60x60x2 cm)

Unladen weight/sqm	kg ≈ 10
Weight/sqm with tiles (60x60x2 cm)	kg ≈ 50/60
Capacity/sqm	kg 400
Length of side parallel to the internal connection profiles	Pivot
Length of side perpendicular to the internal connection profiles	Span

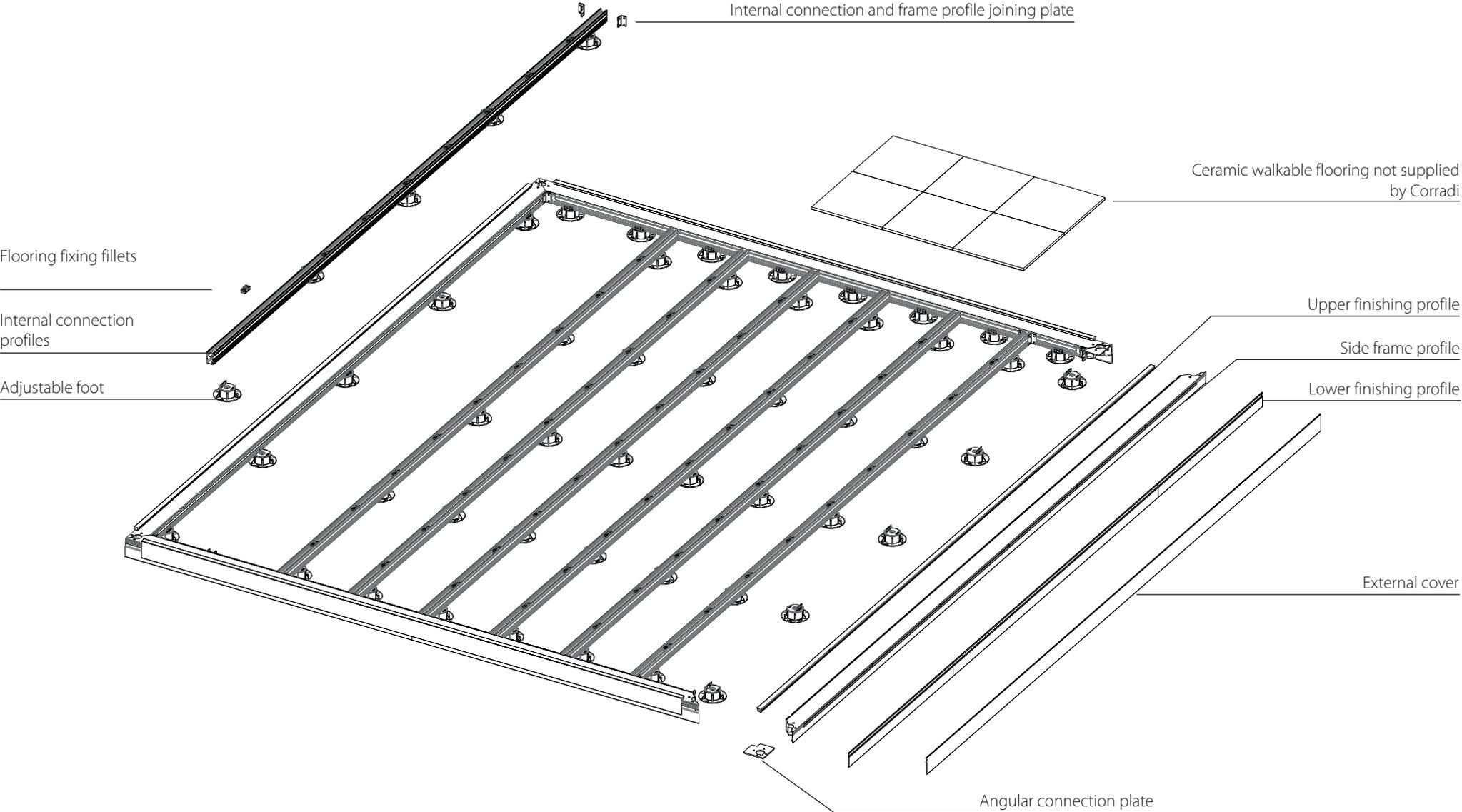
# DOMINO PLATFORM

WALKABLE FLOORING WITH SLATS



# DOMINO PLATFORM

WALKABLE FLOORING WITH TILES (THE USE OF 60x60x2 cm TILES IS RECOMMENDED)

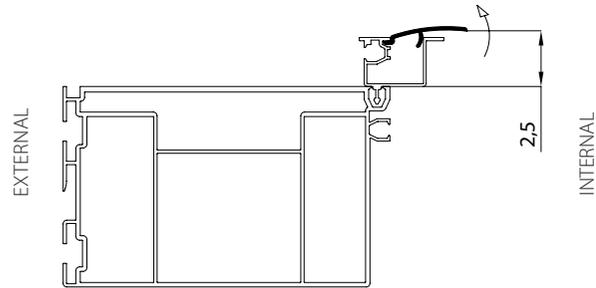


# DOMINO PLATFORM

## DIMENSIONS OF VERSION WITHOUT INTEGRATED PROFILES

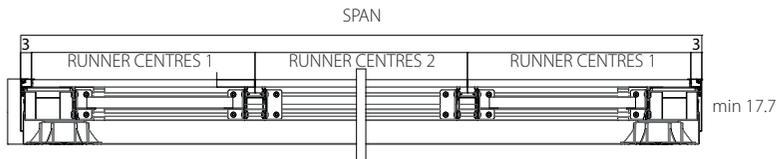
This version uses slats and/or tiles perfectly integrated in the platform where their eventual cut is hidden below the upper finishing profile.

COMPENSATION PROFILE DETAIL

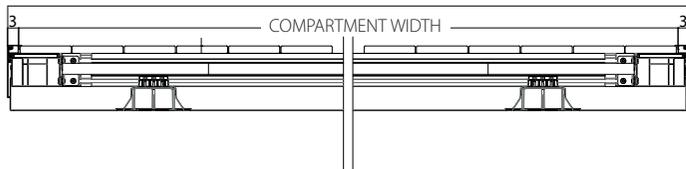


**ATTENTION: this profile is not compatible with Aura sliding panels and MyGlass glass doors**

Max. adjustment 4 cm

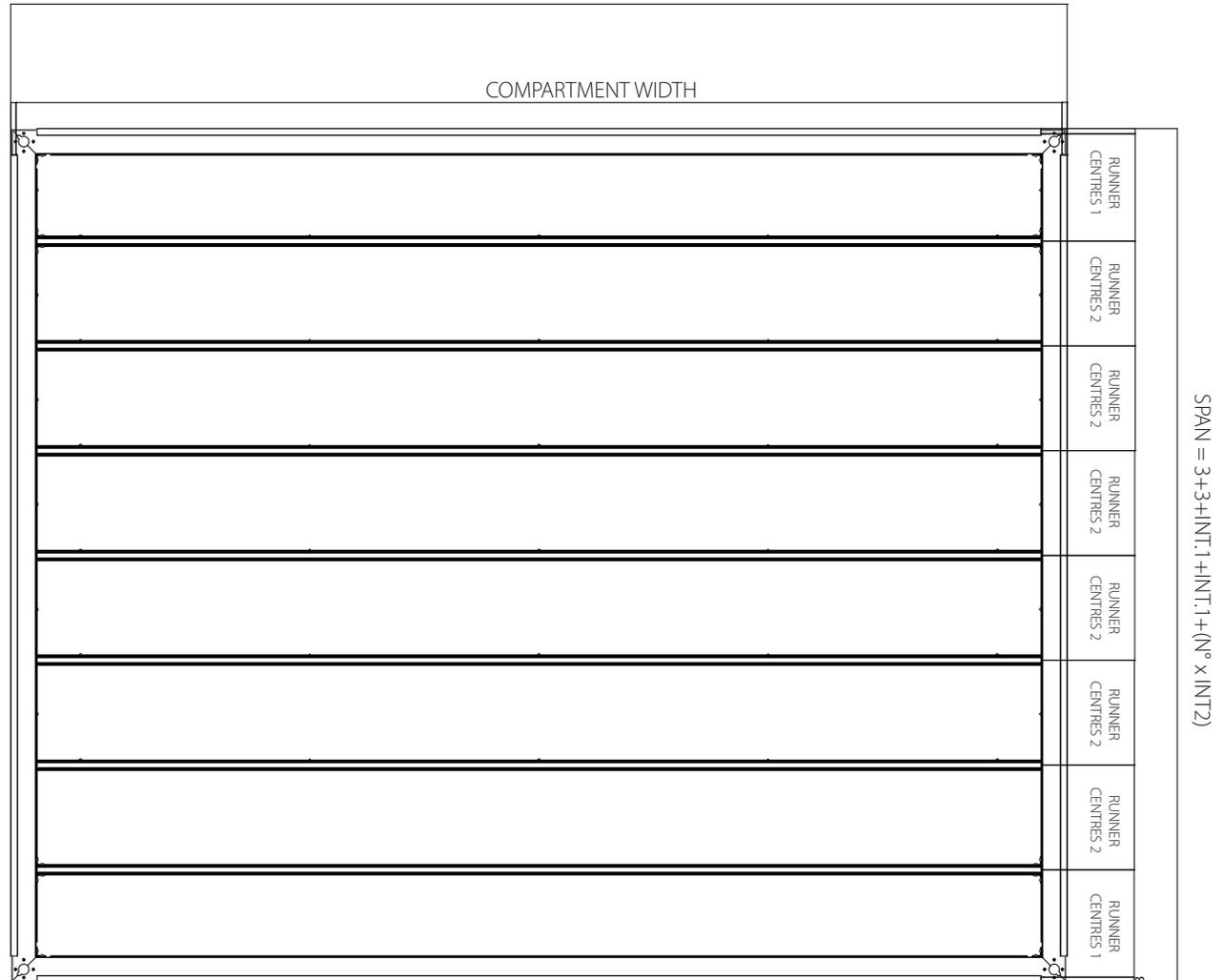


PIVOT



Measurements are expressed in cm

PIVOT = 3+3+COMPARTMENT WIDTH

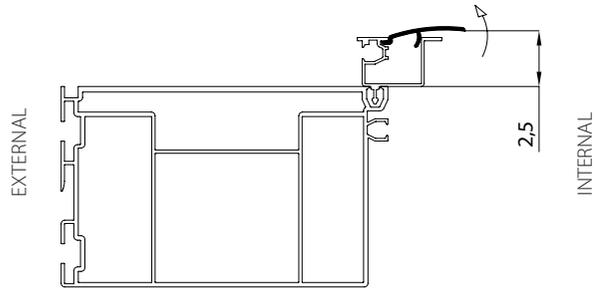


# DOMINO PLATFORM

## DIMENSIONS OF VERSION WITH INTEGRATED GLASS DOOR PROFILES

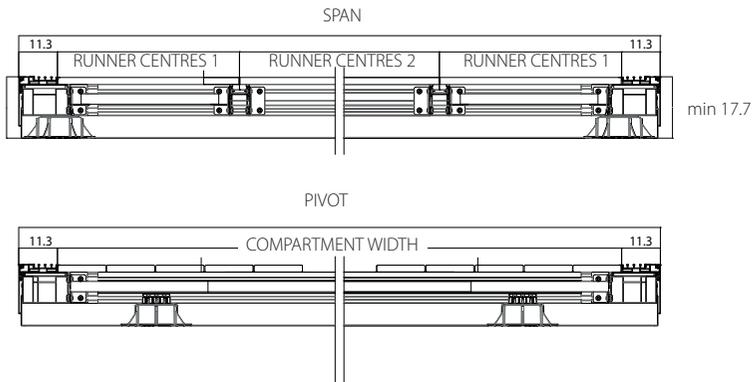
This version uses slats and/or tiles perfectly integrated in the platform where their eventual cut is hidden under the angular profile of the glass door, the lower runners of the latter are also integrated in the platform creating a pleasant aesthetic effect.

COMPENSATION PROFILE DETAIL



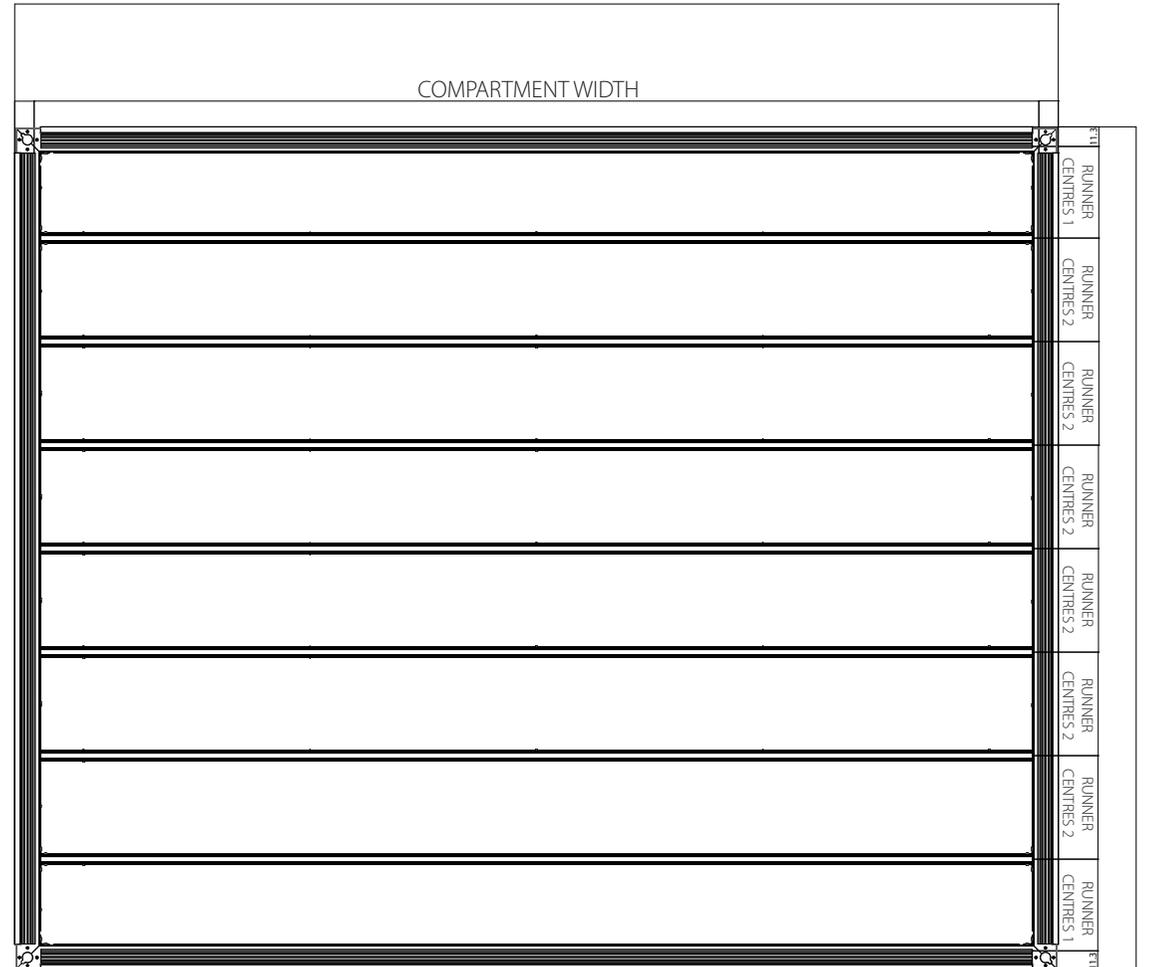
**ATTENTION: this profile is not compatible with Aura sliding panels and MyGlass glass doors**

Max. adjustment 4 cm



Measurements are expressed in cm

$$\text{PIVOT} = 11.3 + 11.3 + \text{COMPARTMENT WIDTH}$$

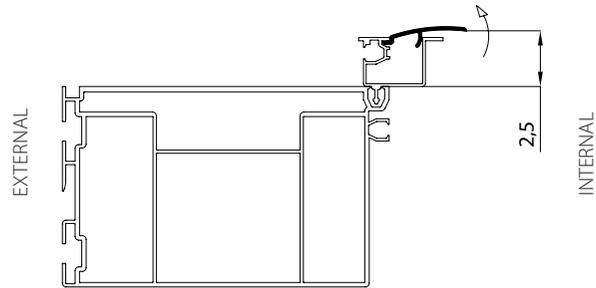


# DOMINO PLATFORM

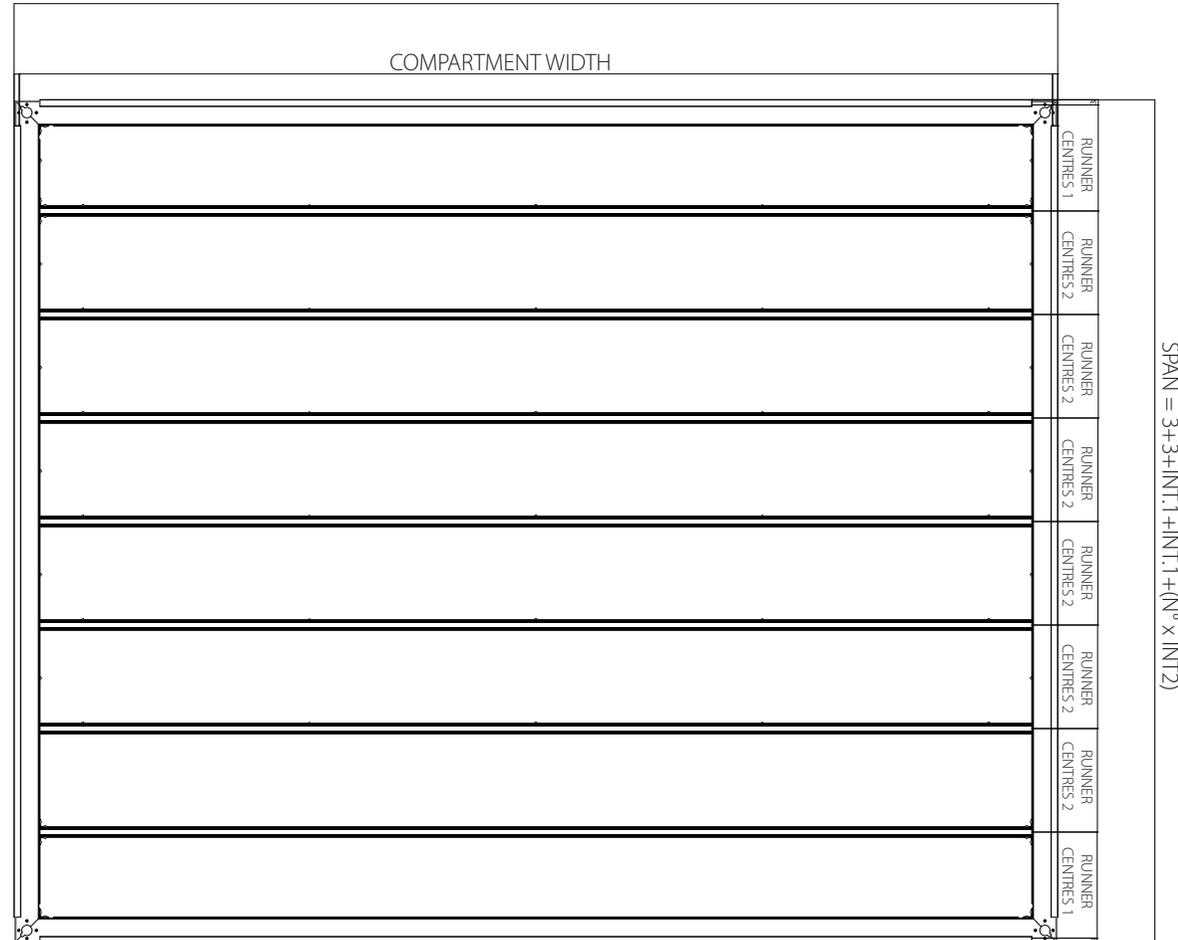
DIMENSIONS OF VERSION WITHOUT PROFILES INTEGRATED WITH AURA PANELS

This version uses slats and/or tiles perfectly integrated in the platform where their eventual cut is hidden under the upper finishing profile, the lower runners of the Aura Panels are fixed to the upper part of the chosen flooring.

COMPENSATION PROFILE DETAIL

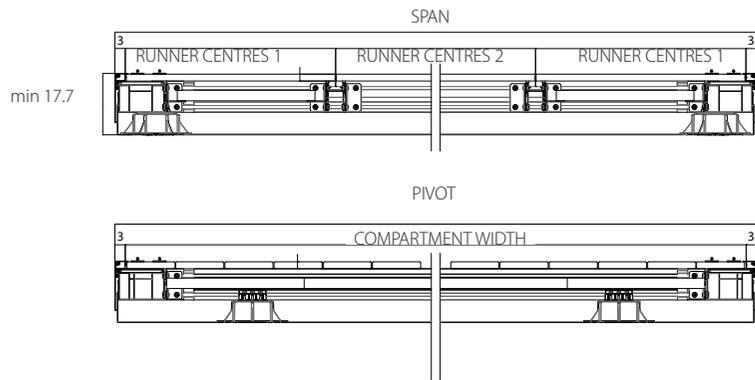


$$\text{PIVOT} = 3+3+\text{COMPARTMENT WIDTH}$$



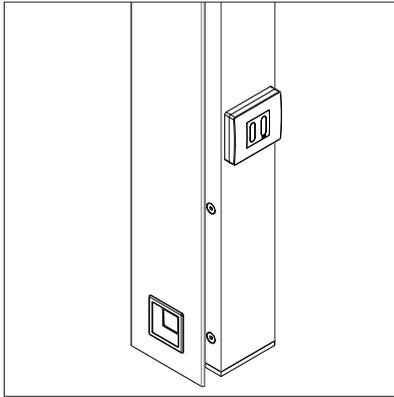
**ATTENTION: this profile is not compatible with Aura sliding panels and MyGlass glass doors**

Max. adjustment 4 cm



Measurements are expressed in cm

# IMAGO® POWER SOCKETS



The range of power sockets supplied by Corradi to complete IMAGO® is designed to create a 360° comfort space for the user.

They are easy to install and IP55-certified water-proof. Thanks to watertight caps and enclosures, the system is protected against any risk of humidity, dust, jets of water, inclemency of the weather. The IP55 caps are available in two colours: anthracite and white.

Two combinations are available:

- No. 2 Italian dual standard sockets, 2P+E 16A-250V
- No. 1 Universal socket 2P+E 16A-250V
- No. 1 Italian dual standard socket, 2P+E 16A-250V and No. 1 USB, 5V 2.1A

**NOTE** It is possible to install these combinations on side pillars only together with perimeter fasteners such as: Swing Magiko and Swing Brio. Therefore, in the presence of perimeter fasteners such as fully glass or Aura sliding glass doors, it is not possible to install electrical sockets. Instead, it is possible to choose between these combinations regardless of the side fastener type on the intermediate pillars, as the electrical socket will be installed on the internal side of the pillar.

Italian dual standard socket, 2P+E 16A-250V

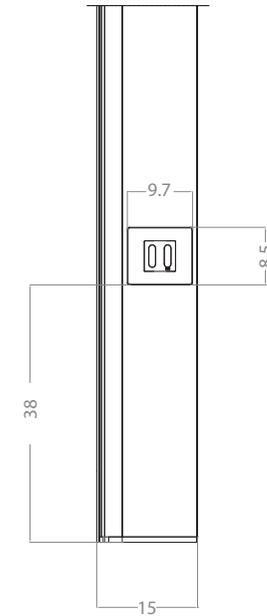
Universal socket 2P+E 16A-250V

USB socket, 5V 2.1A



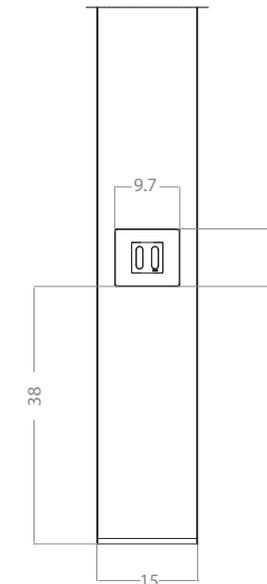
## PILLAR-MOUNTED

Standard H= 38 cm

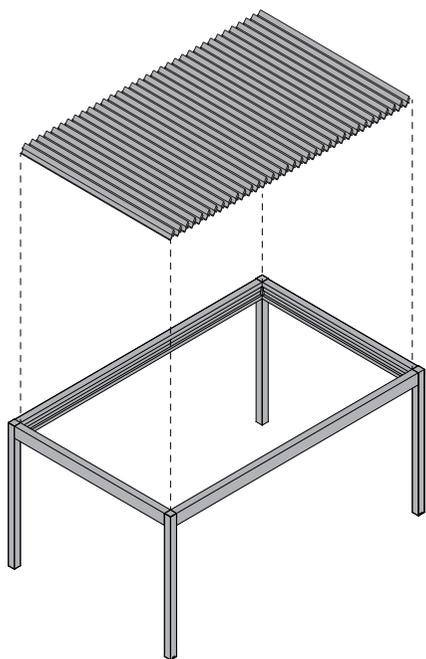


## INTERMEDIATE PILLAR-MOUNTED

Standard H= 38 cm

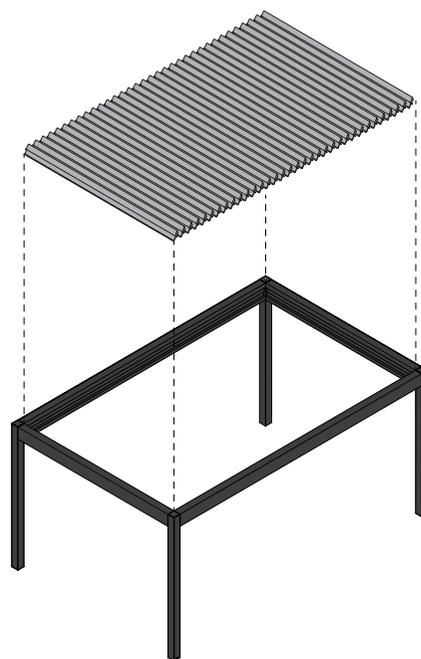


IMAGO® is available in the following colour combinations:



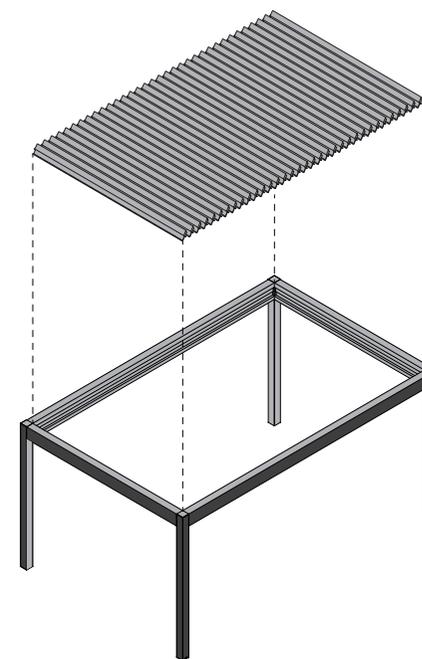
### SINGLE COLOUR VERSION

Blades in the same colour as the structure



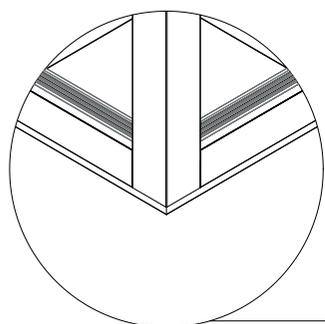
### BICOLOR CLASSIC VERSION

Blades in a colour different from the structure



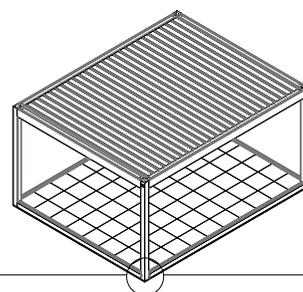
### BICOLOR COCOON VERSION

Inside of structure and blades in a colour different from the outside of the structure



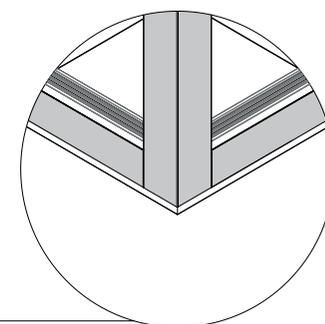
### SINGLE COLOUR VERSION

External cover and upper finishing profile in the same colour.



### BICOLOR COCOON VERSION

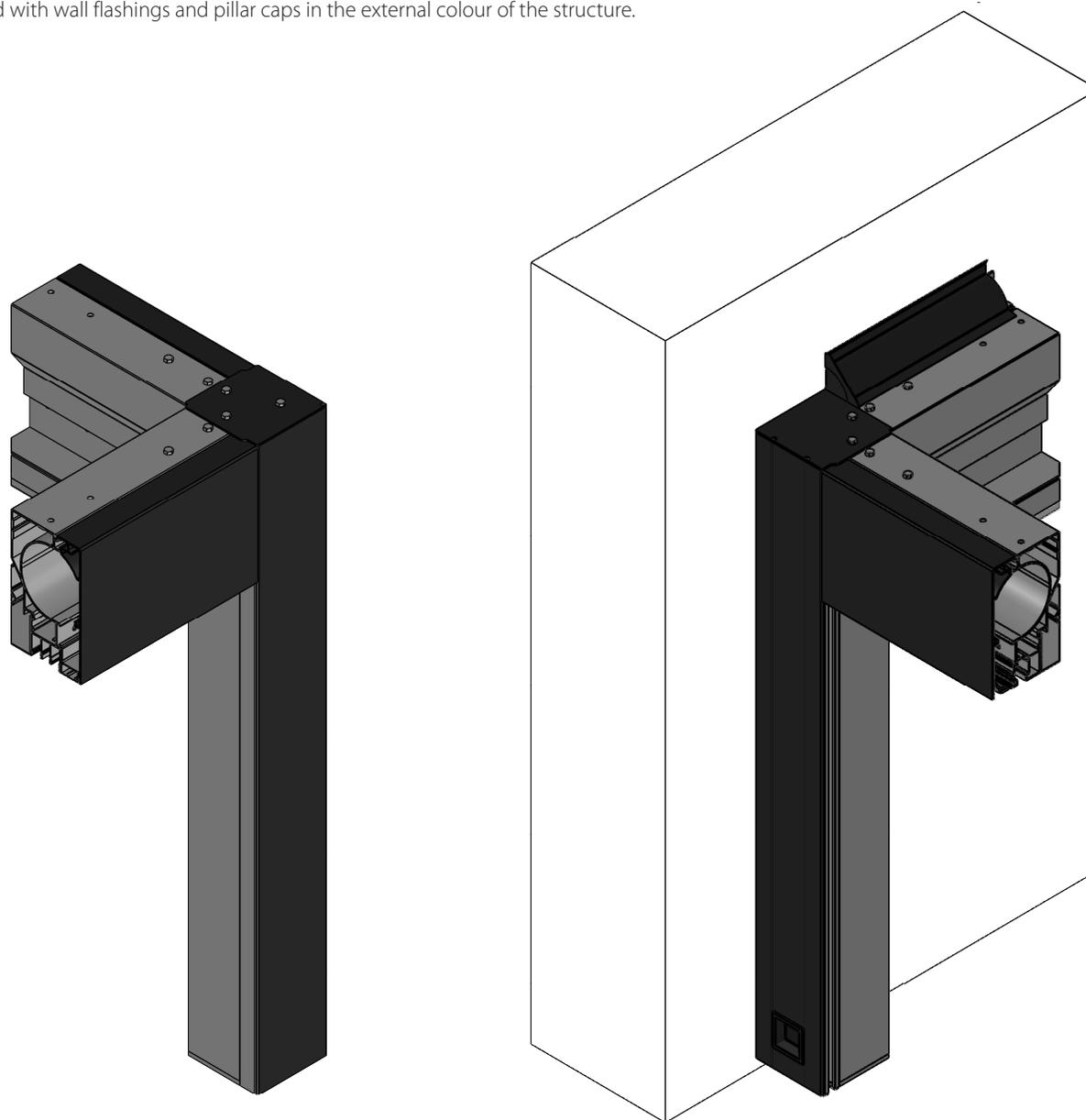
External cover in a colour different from the upper finishing profile.

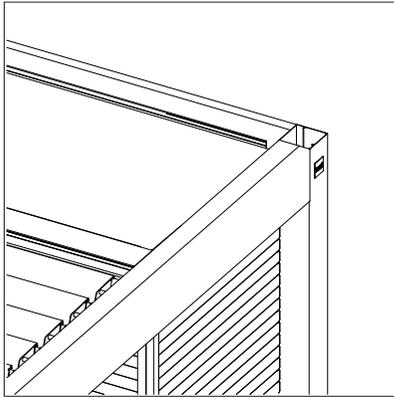


# IMAGO® COLOUR COMBINATIONS

## BI-COLOR VERSIONE COCOON

In the *cocoon* version, IMAGO® will be supplied with wall flashings and pillar caps in the external colour of the structure.

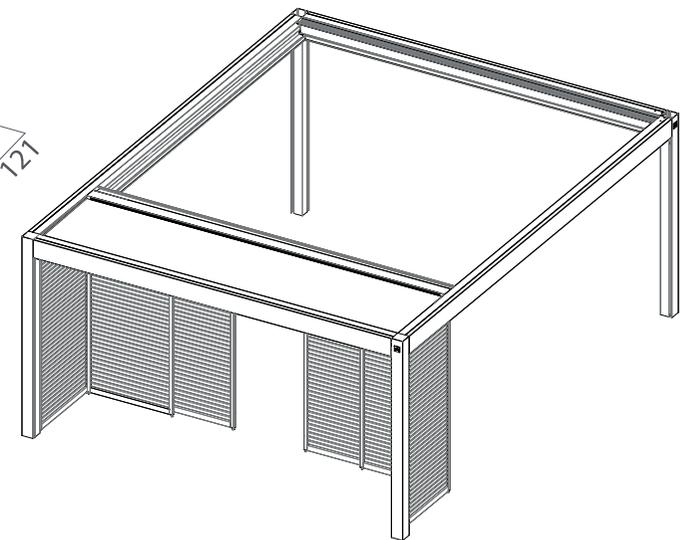
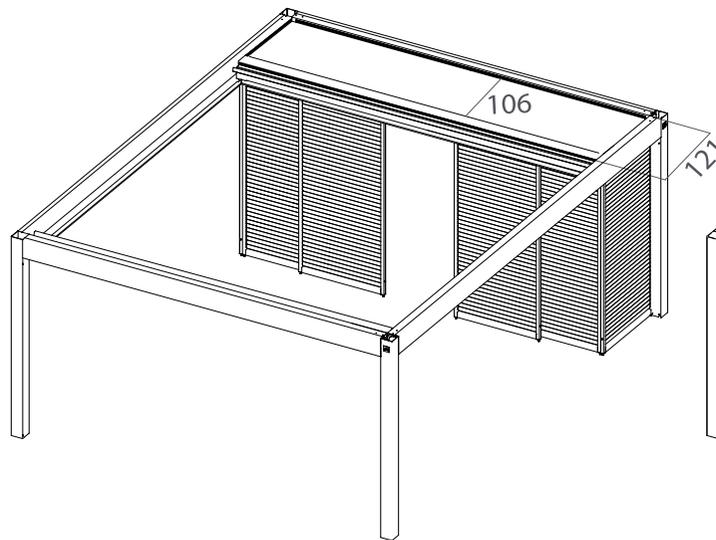
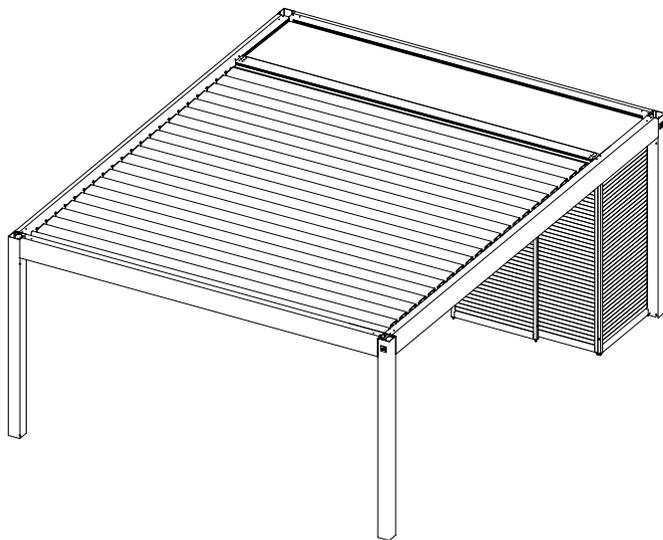




PRIVATE is an IMAGO® optional able to design the internal spaces of the structure: a private corner that can be used as a dressing room, storage for chairs and loungers, wardrobe, table settings...

PRIVATE consists of a partition of fixed and sliding brise-soleil panels secured to an additional intermediate beam and a fixed transparent Plexiglass cover to allow illumination from above. PRIVATE is available in fixed 106 cm projection size (internal compartment).

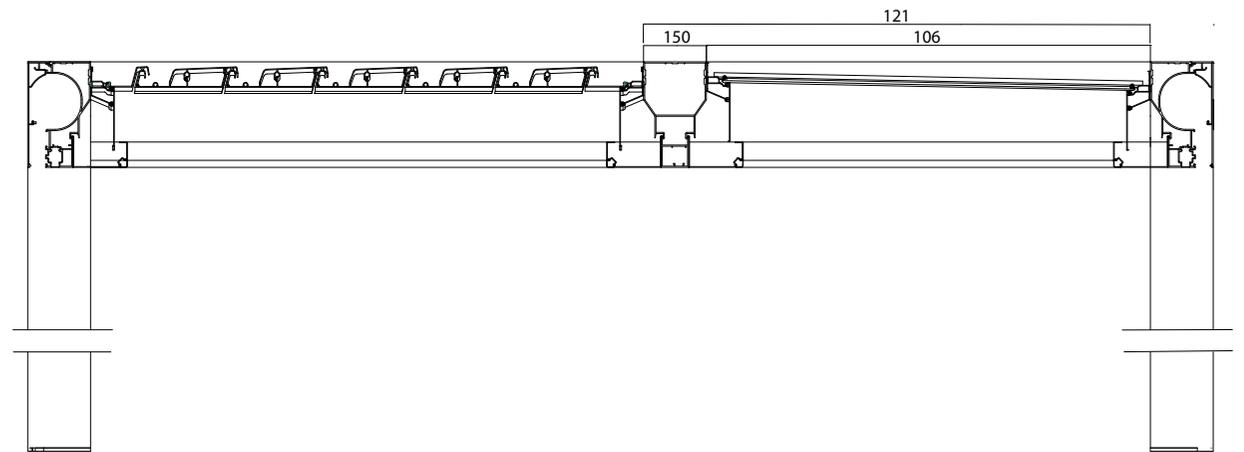
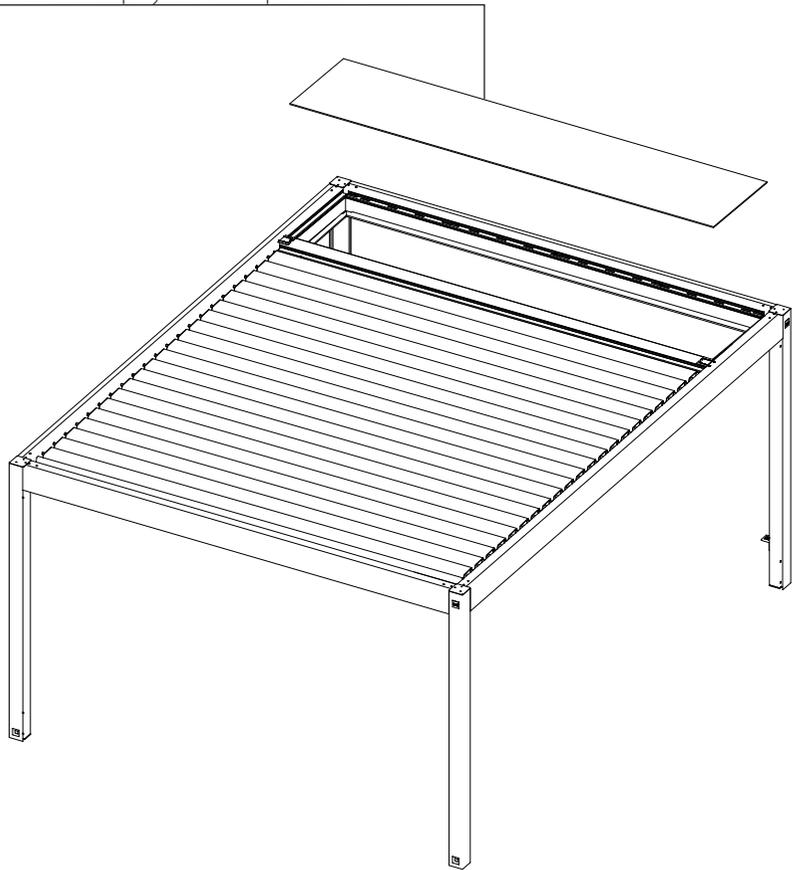
It will be possible to install 3000 K or RGB lights (integrated in the gutter profile) inside the PRIVATE module, on the perimeter.



## UPPER COVER

PRIVATE upper cover consists of a 10 mm thick compact polycarbonate panel, transparent, resistant to UV rays and inclemency of the weather. The panel is integrated inside the structure and is fastened through a system of gaskets and stainless steel plates to ensure correct rain resistance. In case of PRIVATE option installed, the two delimiting pillars must be used for drainage to ensure adequate rain water discharge.

10 mm-thick polycarbonate panel



## INTERNAL PANELS

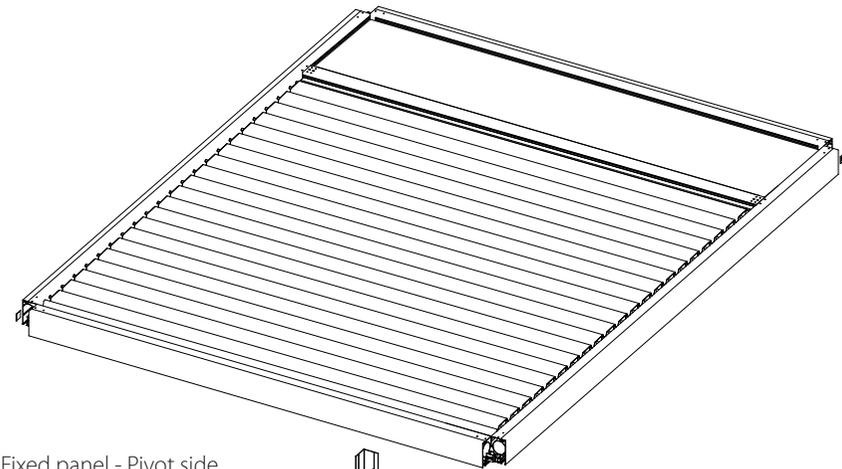
The PRIVATE space is delimited by the system of Aura panels, which can be sliding or fixed on floor runners.

They can be customised by choosing the most suitable configuration between:

- Fixed blades or adjustable blades
- Aluminium blades or wood blades (shrunk ash wood)

On pivot side, panels are fixed and anchored to the beam, with predetermined width of 106 cm.

On the front closure, instead, the panels are fixed to the intermediate beam. The Customer will choose the type of opening.



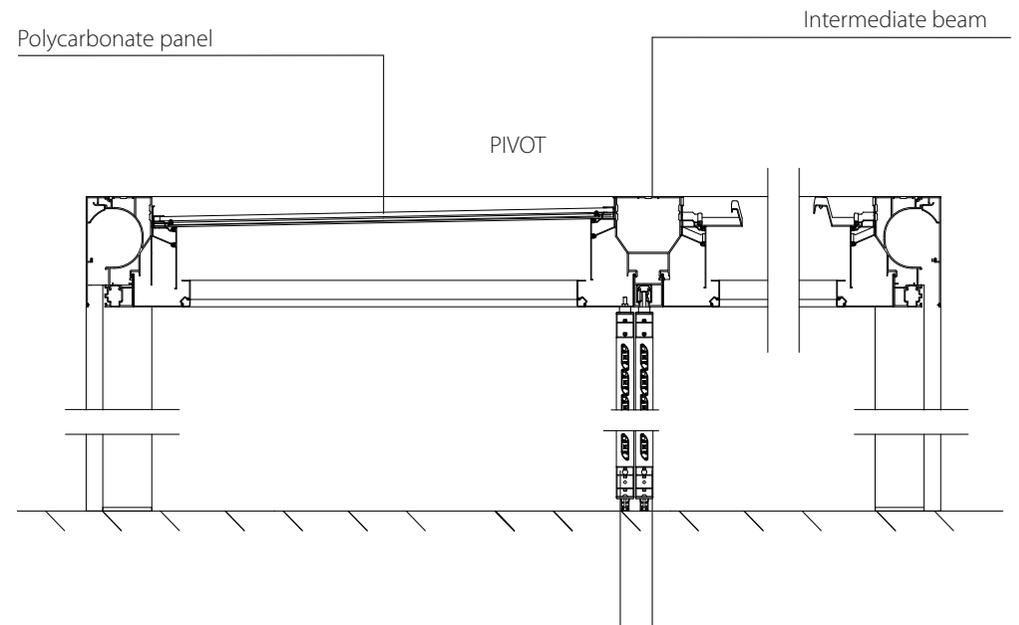
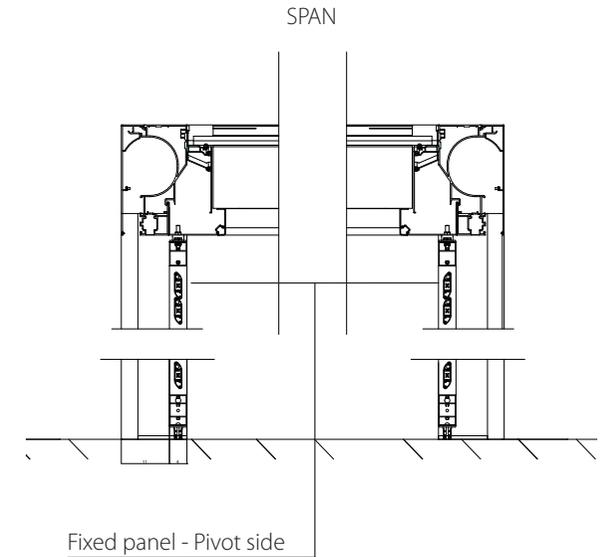
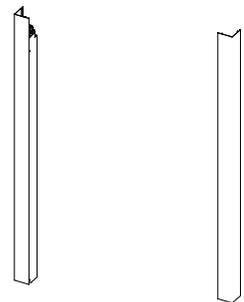
Fixed panel - Pivot side

Movable panel - intermediate beam

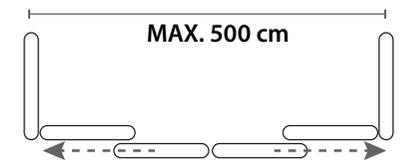
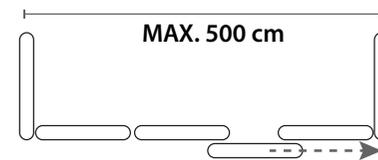
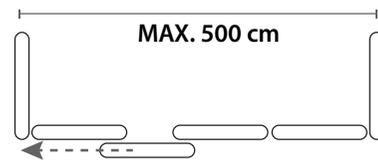
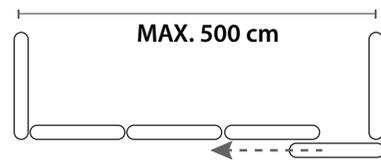
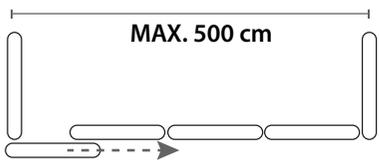
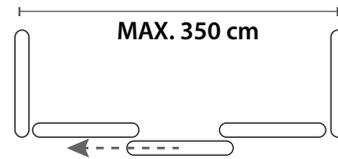
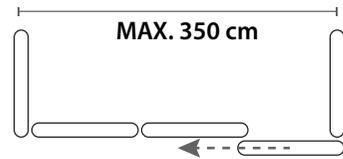
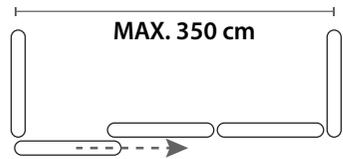
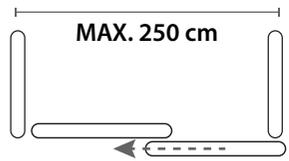
Fixed panel - Pivot side

Fixed panel - intermediate beam

Fixed panel - intermediate beam



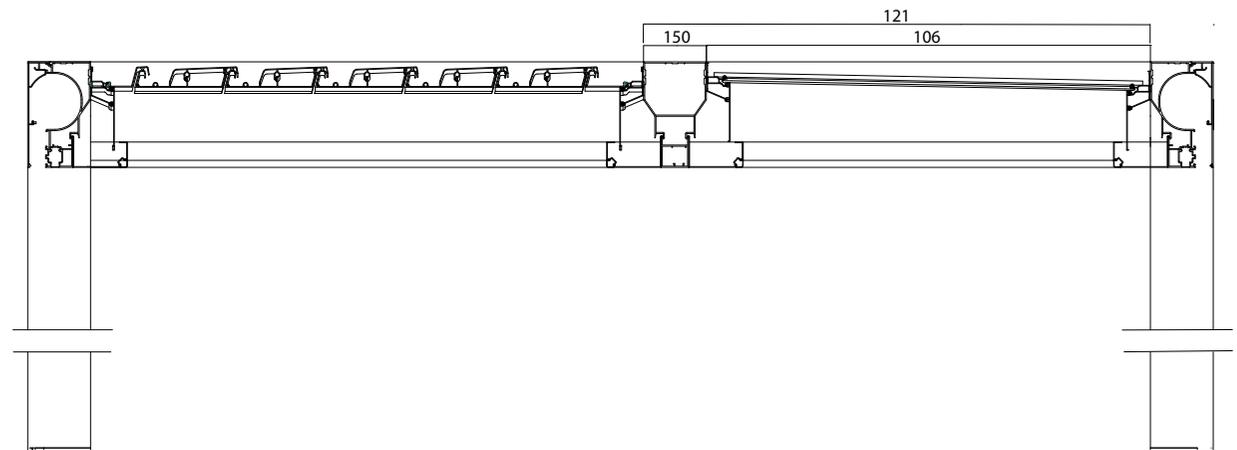
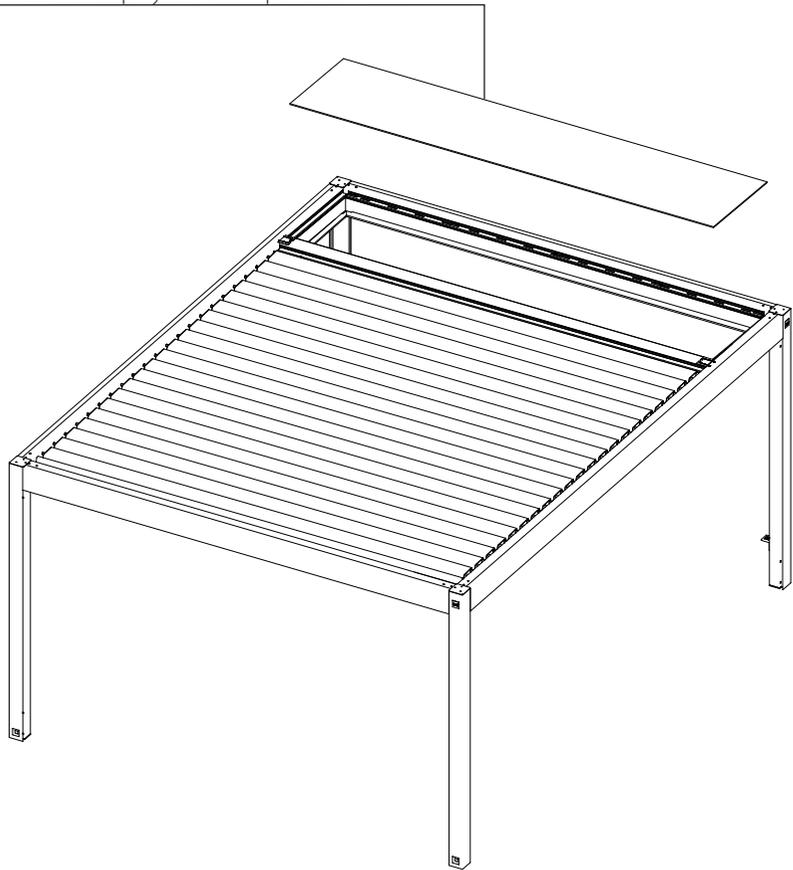
FRONT PANEL OPENING SYSTEM DIAGRAM



# IMAGO® LOOK AT THE SKY

LOOK AT THE SKY is an IMAGO® optional that consists in the distribution of blade roof with a part made of a 10 mm thick compact polycarbonate panel, transparent, resistant to UV rays and inclemency of the weather. The panel is integrated inside the structure and is fastened through a system of gaskets and stainless steel plates to ensure correct rain resistance. In case of LOOK AT THE SKY option installed, the two delimiting pillars must be used for drainage to ensure adequate rain water discharge.

10 mm-thick polycarbonate panel

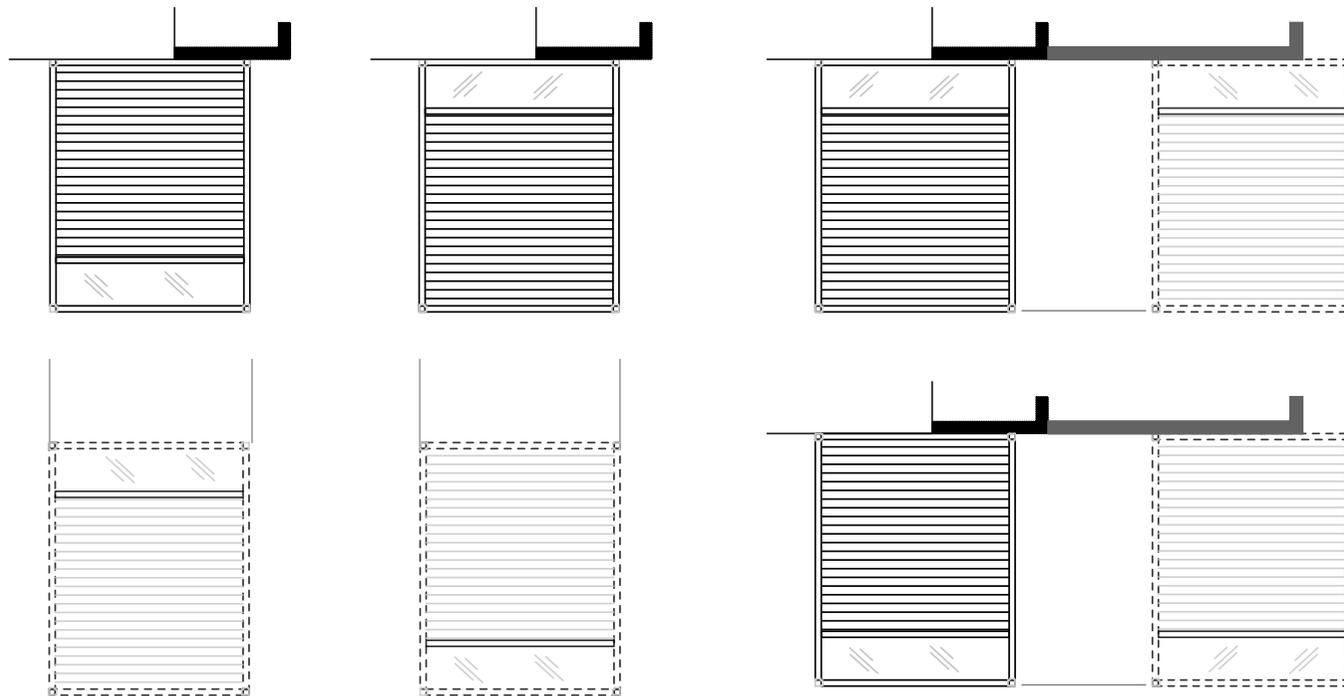


IMAGO®'s possible configurations with Private and Look at the Sky options, both with and without the Domino deck, are shown below. If the structure is set against a non-continuous wall, the visible part will be provided with cover for the beam in order to guarantee the same aesthetic effect as the other sides.

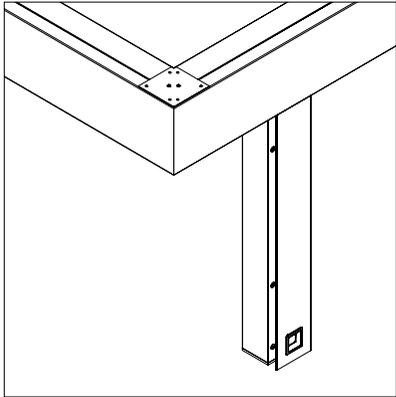
**ATTENTION: for all the following configurations, the presence of 4 pillars is fundamental to guarantee efficient water drainage.**

To request feasibility and quotations for different configurations, please ask to **your sales contact**.

## IMAGO® WALL-MOUNTED IMAGO® ON SPAN SIDE AND ADDITIONAL MODULES



# IMAGO® SHIFTED PILLAR



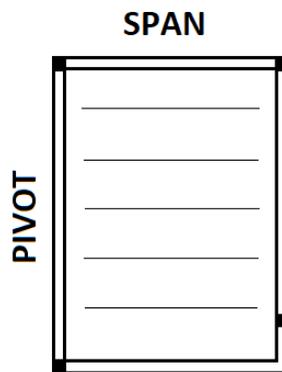
The **shifted pillar** along the pivot side of the structure allows greater flexibility and customization of each project. The 15 x 15 cm pillar can accommodate a downpipe and can be closed on the pivot side. It is also possible to install electrical sockets. 1 or 2 pillars can be shifted at the same time by up to 1/5 of the dimension of the pivot side.

When there are closures on three sides, and the pivot side is longer than 550 cm, IMAGO® has a class 5 wind resistance (UNI EN: 13561).

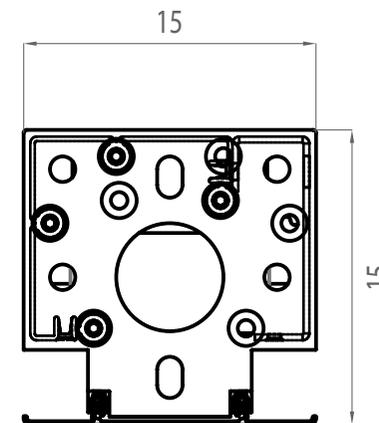
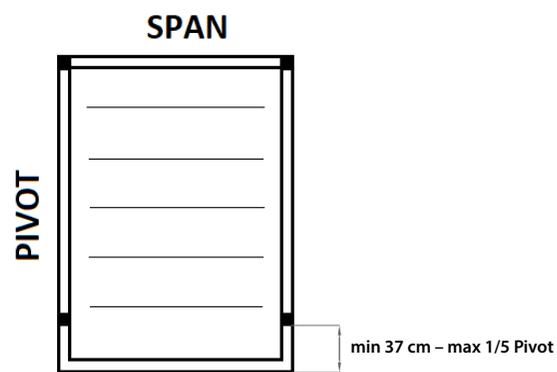
If the configuration of the structure is bicolour *Cocoon*, the external cover will have a different colour compared to the inside.

For all other configurations, please ask to **your sales contact**.

1 SHIFTED PILLAR



2 SHIFTED PILLARS

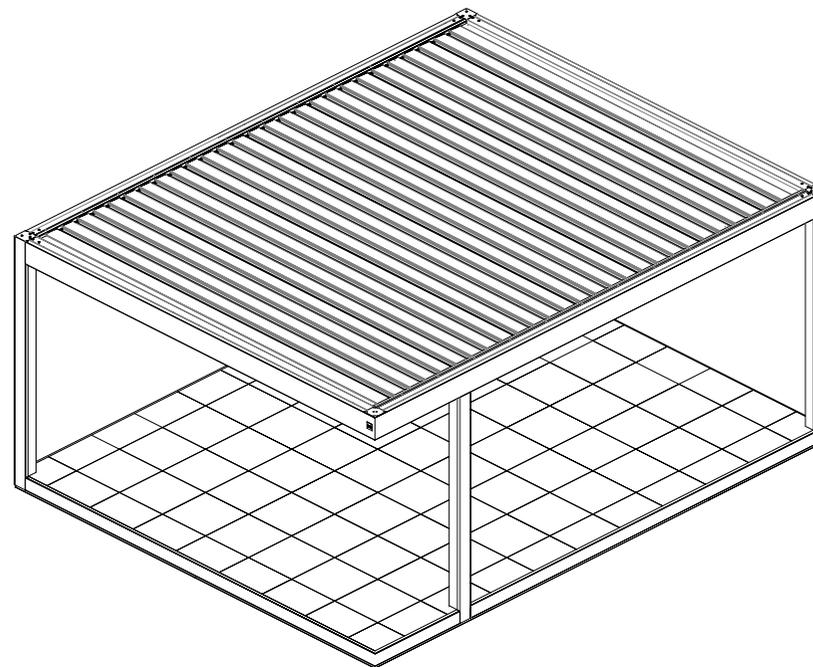
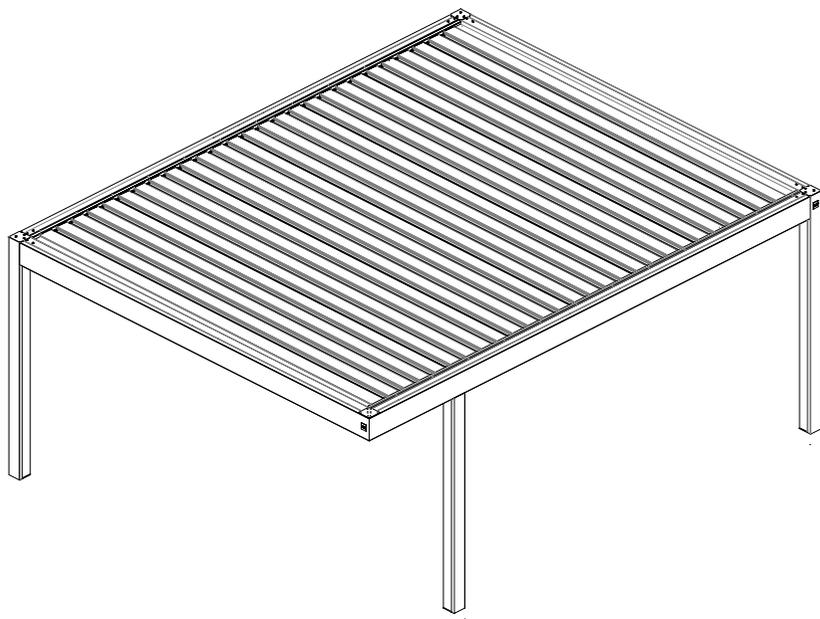
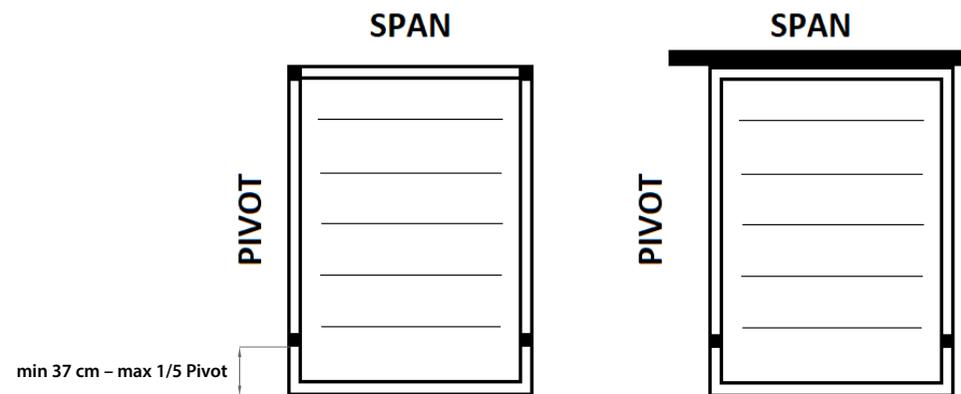


# IMAGO® SHIFTED PILLAR

## CONFIGURATIONS

Up to two pillars can be shifted in the **self-supporting** and **wall-mounted span side** versions, with or without **Dc**

For all other configurations, please ask to **your sales contact**.

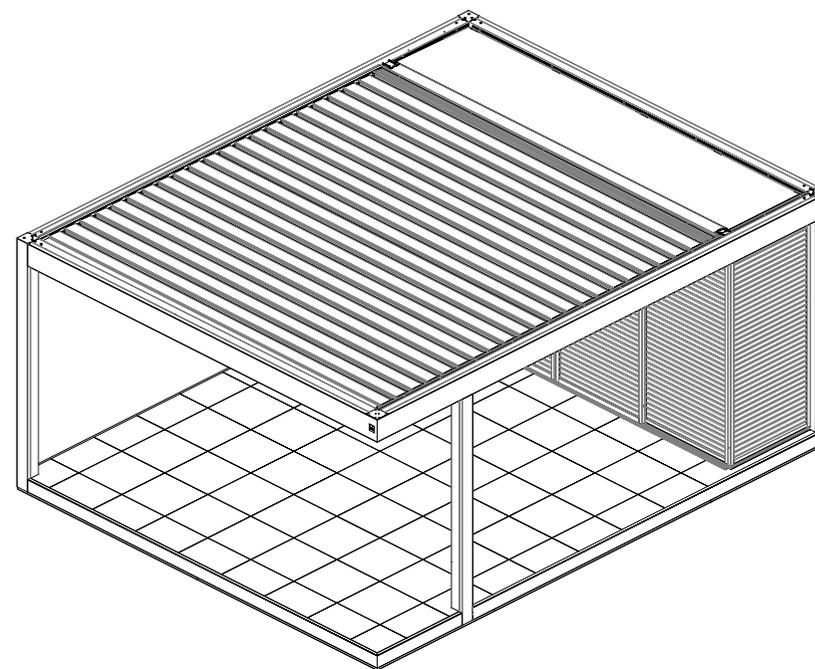
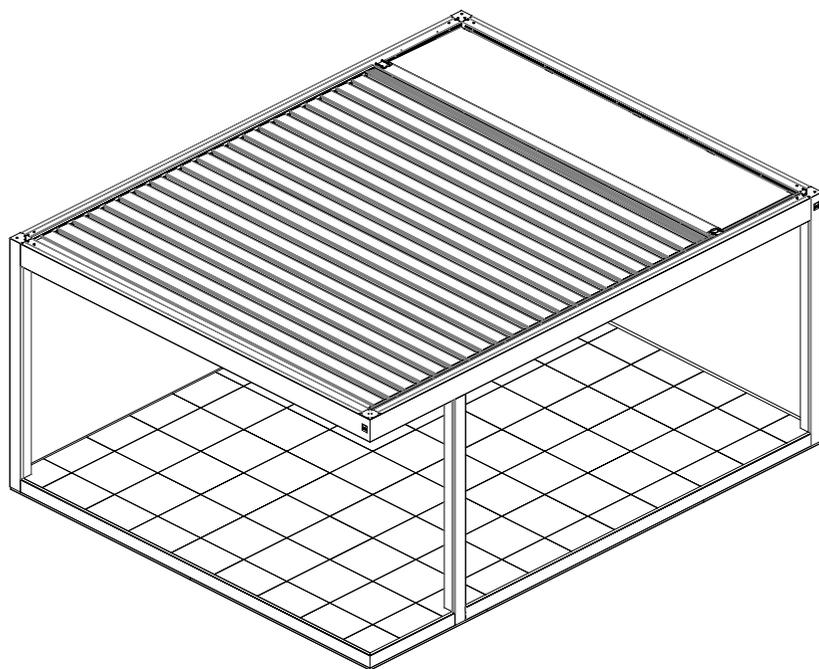


# IMAGO® SHIFTED PILLAR

## CONFIGURATIONS

The pillar can be shifted even with the **Look at the Sky** or **Private** module on the opposite side.

For all other configurations, please ask to **your sales contact**.



## WIB LINEAR MOTOR CONTROL

(code GC668002)  
Control of 1 linear motor with mechanical limit switches for bioclimatic structure.

## WIB LED WHITE

(code GC668003)  
Control for white LEDs, up to 4 lines, dimming.

## WIB LED RGB

(code GC668004)  
Control for RGB LEDs, up to 4 lines.  
Not dimming.

## REMOTE CONTROLS



**Arc 1**  
(1 channel)  
(code 05260)



**Arc 10**  
(10 channels)  
(code 05261)



**Flute 5**  
(5 channels)  
(code 05263)



**Visio 20**  
(20 channels)  
(code 1-GC694400)

## REMOTE MANAGEMENT VIA APP



### BTIME

(code GC661400)  
Android device designed to control the movements of the bioclimatic pergola via App.

## INTEGRATION WITH HOME AUTOMATION



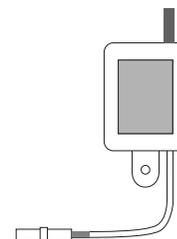
### MIR DCT

(code 05372)  
MIR DCT is the radio transmitter suitable for radio control. There are 3 dry contact inputs for application of control buttons or interfacing buttons with other devices.

## SENSORS



Sun/wind sensor, hardwired (min. 5 – max. 70 km/h) (code GC690110)  
Sun/wind sensor, battery (min. 5 – max. 70 km/h) (code GC690100)



WIB M20 rain and temperature sensor (code GC704700)

WIB M20 is the rain and temperature detection sensor. The sensor can be connected (through splitter) to up to two control units. Compatible with WIB Master system.

## BUTTON CABLE CONNECTION

4-pole extension cable for WIB technology (code GC710400)  
It can be connected directly to home automation or to the WIB M20 rain/temperature sensor.

# SOMFY IO MOTORS AND AUTOMATIONS



## PERGOLA IO LOUVER CONTROL

(code GC702500)  
Control in IO-home control technology used to control wired motorisation for pergolas with adjustable blades.  
Art. 1870814



## WHITE LED IO RECEIVER

(code GC702600)  
Control for up to 4 white LED sources, dimming.  
Art. 1822611



## RGB LED IO RECEIVER

(code GC702700)  
Control for up to 1 RGB LED, dimming.  
Art. 1822612

## REMOTE CONTROLS



### Situio 1 IO Pure

(1 channel)  
(code 05963-1PUR)  
Art. 1870314



### Situio 1 IO Iron

(1 channel)  
(code 05963-1TIT)  
Art. 1870318



### Situio 5 Var A/M IO Pure

(5 channel)  
(code GC702800)  
Art. 1870371



### Nina IO

(60 channels – 30 units)  
(code GC702900)  
Art. 1805251

## SETTING TOOL FOR BIOCLIMATIC PERGOLAS

### SET&GO IO



(code GC704100)  
Installation tool that can be used to make adjustments via computer on Somfy IO applications (**no MacOS**).  
Art. 9017035

This tool is used for programming products, but it cannot replace remote controls for ordinary handling and any subsequent interventions. **It is therefore necessary to purchase 1 or more remote controls.**

## INTEGRATION WITH HOME AUTOMATION

### DRY CONTACT IO



(code GC704400)  
IO radio transmitter capable of controlling all IO receivers. Not compatible with the LED RGB IO system.  
Art. 9018155 (code GC703400)

## SENSORS



### EOLIS IO 230V

(code GC703200)  
Façade sensor powered at 230V-50Hz for protection of the bioclimatic pergola in case of wind.  
Art. 1816092



### SOLIRIS IO 230V

(code GC703300)  
Façade sensor powered at 230V-50Hz to control the automatic closure of the bioclimatic pergola in case of wind and according to light intensity (sun).  
Art. 1870532



### ONDEIS 24V

Rain detection device powered at 230V-50Hz.  
Art. 9016344

## REMOTE MANAGEMENT VIA APP



### TAHOMA SWITCH

(code GC709300)  
Device connected to the home internet network that allows remote control and management of connected devices from Smartphones and tablets via dedicated App.  
Art. 1870594

**Tahoma Switch and Nina: These devices do not allow motor programming, therefore it is always necessary to purchase at least one remote control.**

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