

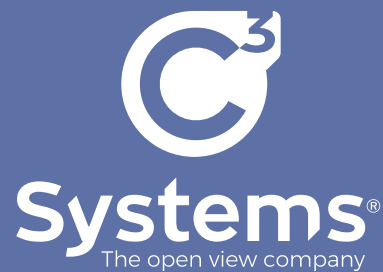
seesky bio[®]

Bioclimatic pergola

*Cutting-edge
technology for an
efficient and
adaptable space*



Looking to the future



At C3 Systems, we innovate with efficient and sustainable products, offering a personalized service that has allowed us to stay at the forefront and make a difference.

Seesky BIO is renewed to design more comfortable and intelligent spaces. Its adjustable slat system regulates temperature and light, providing comfort all year round. Technology, design, and efficiency to improve your quality of life.

Thank you for your trust, and here's to many more years together!





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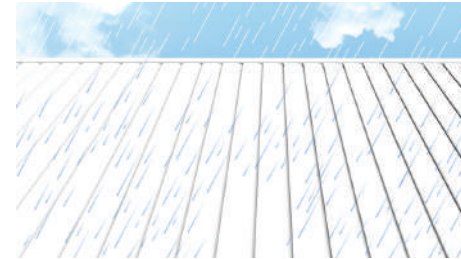
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SMART SOLAR PROTECTION



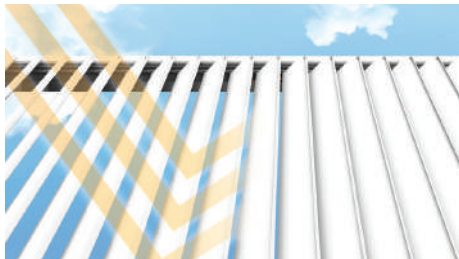
VENTILATION

With the different degrees of orientation of the slats, the temperature can be regulated naturally and ventilation in the room is maintained thanks to the passage of air, optimizing the energy efficiency of the space.



RAIN PROTECTION

Specially designed roof aluminum slats collect water and using a pipeline system take collected water through lateral columns to the outside.



UV RAY RADIATION PROTECTION

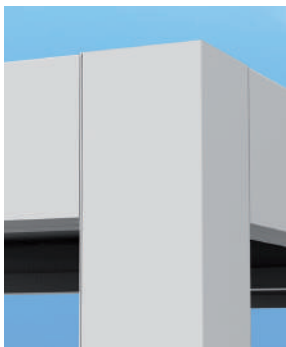
Thanks to the motorized adjustable slats with different degrees (45°, 90° and 135°) we avoid direct exposure to ultraviolet rays and achieve the maximum possible protection.



INTEGRATED HOME AUTOMATION

360° connectivity: integration with the different protocols most used in automation and full compatibility to create environments with all the technological devices installed.

UNION BETWEEN BEAMS AND PILLARS



The union between the beams and the pillars is made by anchoring and internal fixing with **hidden screws**, achieving an elegant, modern and high-quality finish. In addition, you only need one pillar for the union of successive pergolas.

SEALING GASKETS



With the sealing gaskets at the junction of the machined profiles in the Beam-Pillar fastening, we significantly reduce potential water leaks in the pergola structure, achieving greater efficiency and optimizing the system's waterproofing.

TECHNICAL DETAILS



PIPELINE DRAINAGE IN PILLAR

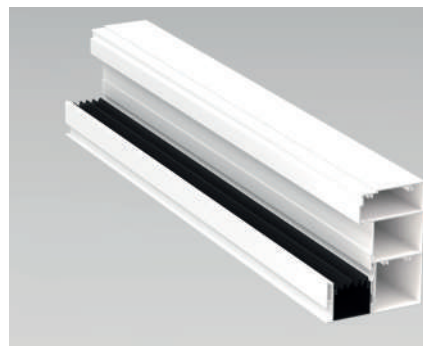
The pillar in "U" allows drainage through any of the pillars of the pergola.

Novelty 2025



HIGH CAPACITY GUTTER

Seesky BIO features a new high-capacity gutter designed for optimal drainage. Its increased capacity ensures efficient water evacuation, enhancing performance and protecting the space. In addition, thanks to its camera, it facilitates the integration of the Seeglass RUN 2 and 3 top profile.



ANTISPLASH SYSTEM (PATENTED)

Seesky-bio features a modern antisplashing system for inside protection and dirt collection.



RECORDABLE COLUMN

The installation and maintenance of pergola is very easy and comfortable thanks to the recordable column.

This option is very useful where there is not much space to tighten screws and adjust inside cables.

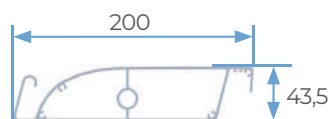


SLATS WITH POLYSTYRENE *Optional*

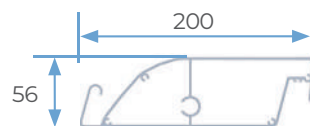
Adding polystyrene into slats allows us to create a sound isolation when it rains.

SECTIONS

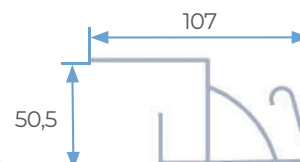
① **STD SLAT**



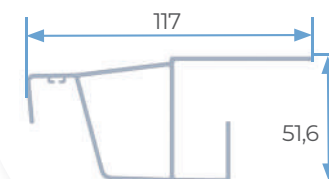
② **XL SLAT**



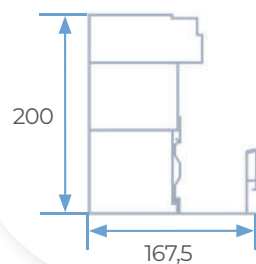
③ **FRONT SLAT COVER**



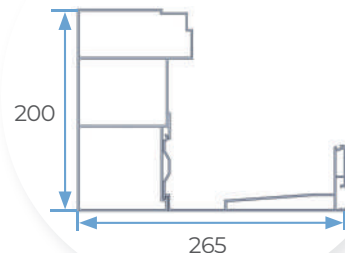
④ **BACK SLAT COVER**



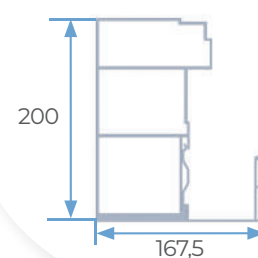
⑤ **STD BEAM**



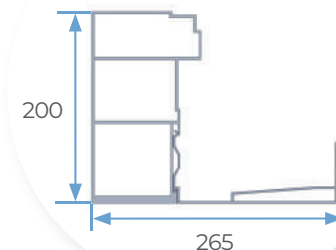
⑤A **STD BEAM + HIGH CAPACITY GUTTER**



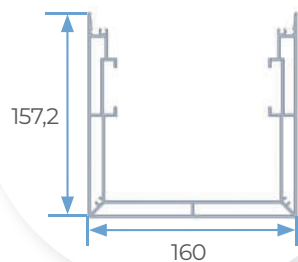
⑥ **HEAVY BEAM**



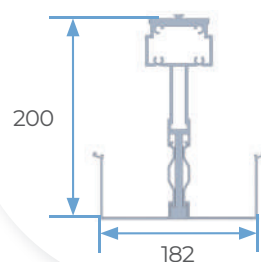
⑥A **HEAVY BEAM + HIGH CAPACITY GUTTER**



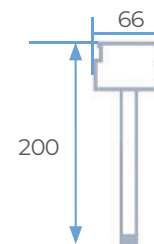
⑦ **RECORDABLE "U" PILLAR**



⑧ **UNION BEAM (A)**



⑨ **UNION BEAM (L)**



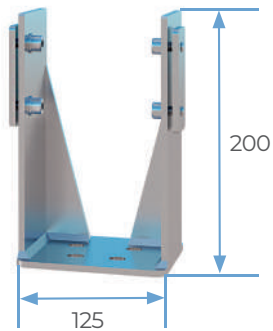
VARIETY OF CONFIGURATIONS

A -SUPPORT TYPES

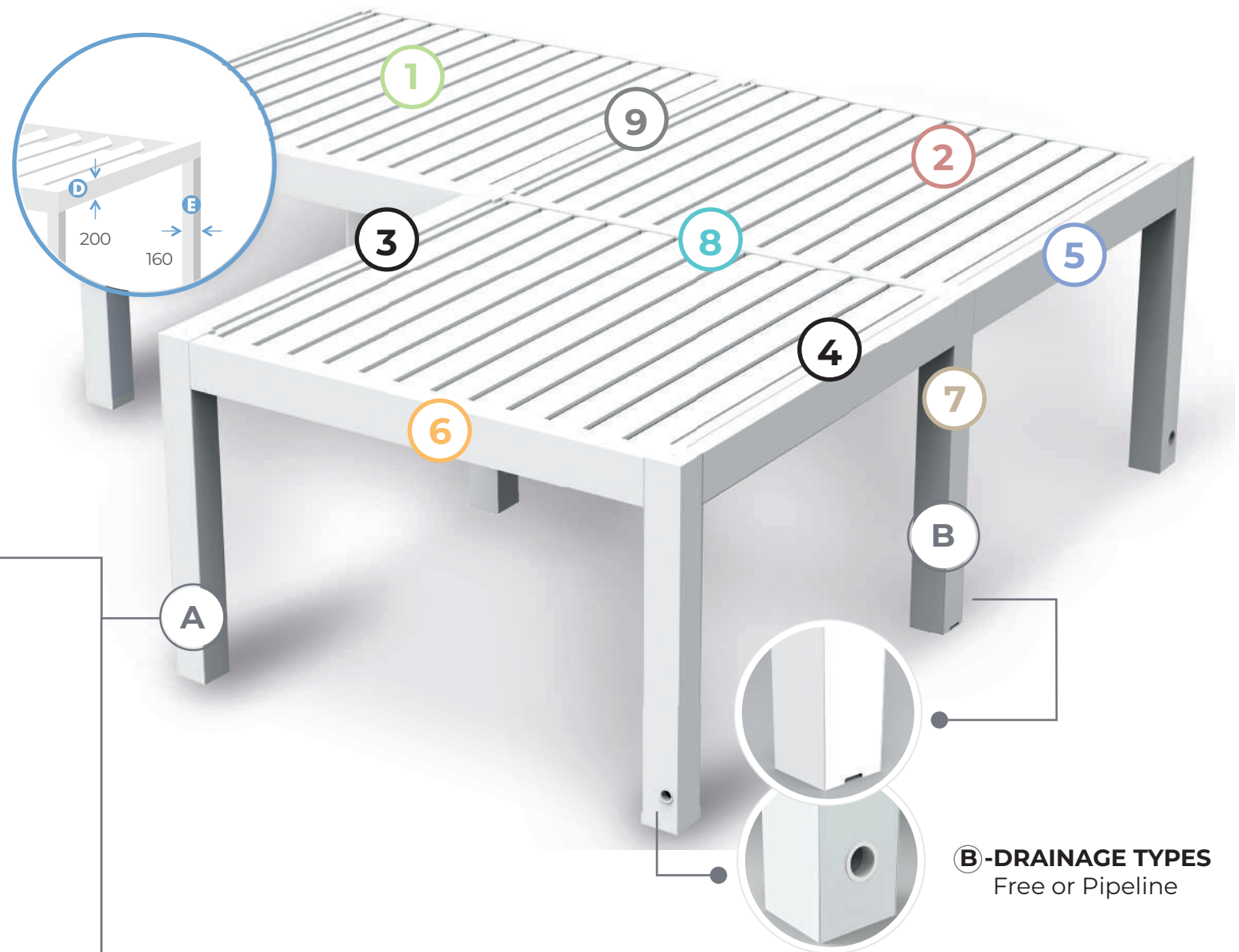
- Adjustable
- Adjustable reinforced



Adjustable Reinforced Support



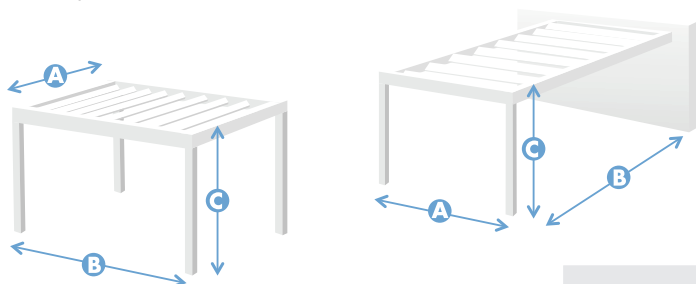
Adjustable Support



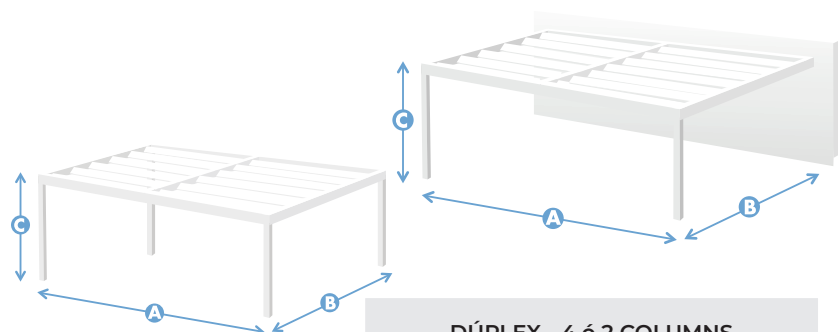
B-DRAINAGE TYPES
Free or Pipeline

MAXIMUM DIMENSIONS

Seesky-bio can be custom made using different variations, depending on where the installation will take place so it can be adapted to customer's needs.



4 6 2 COLUMNS		
A	Maximum width	4.700 mm
B	Maximum lenght	6.450 mm
C	Maximum height	3.000 mm



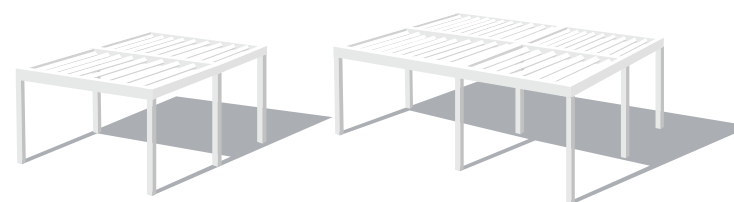
DÚPLEX - 4 6 2 COLUMNS		
A	Maximum width	6.500 mm
B	Maximum lenght	6.450 mm
C	Maximum height	3.000 mm

VARIETY OF CONFIGURATIONS

Seesky-bio can be custom made using different variations, depending on where the installation will take place so it can be adapted to customer's needs. There are 4 different configurations.

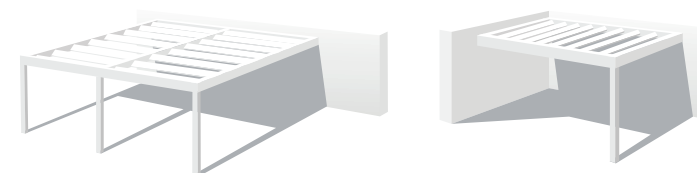
A ISLAND

The most common configuration, installed with 4 columns.



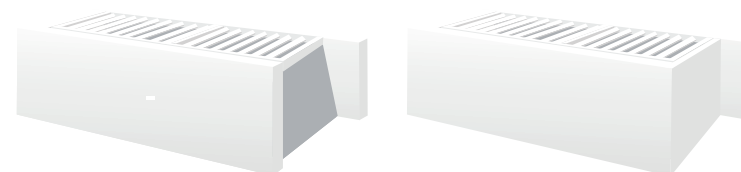
B PORTICO

Mixed configuration of 2 types of supports: columns and wall supports.



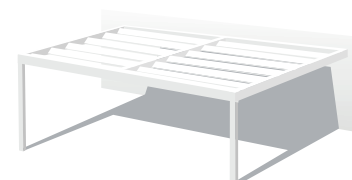
C INBETWEEN CONFIGURATION (WITHOUT COLUMNS)

For this configuration only wall supports are used.



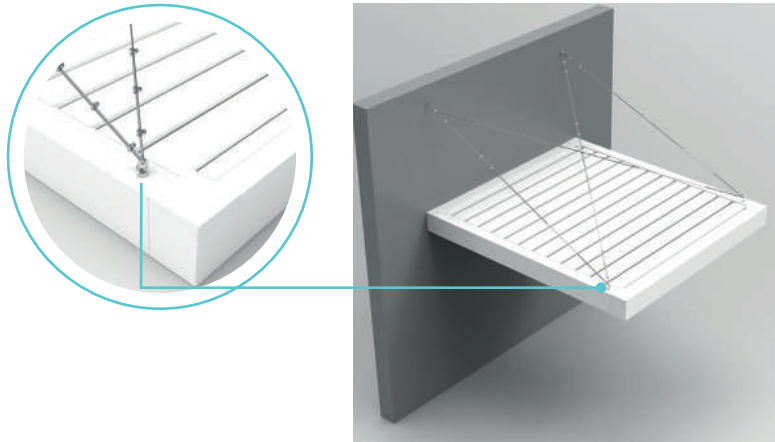
D DÚPLEX

Pergola connection without intermediate columns.



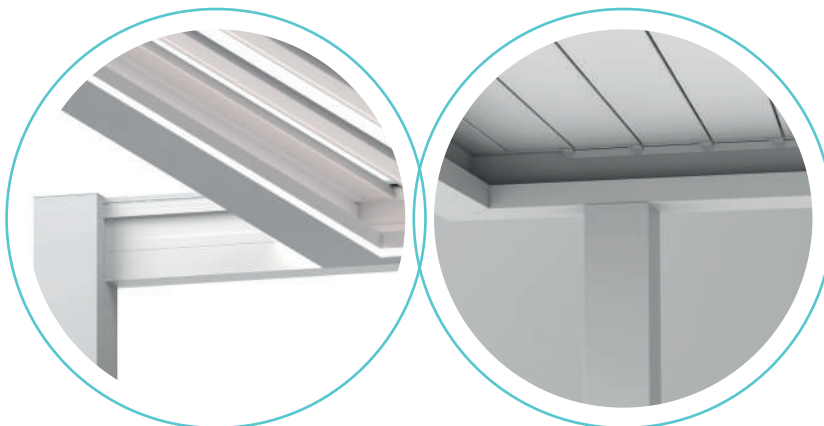
CABLE ATTACHMENT

There is a possibility of fastening pergola to the wall and allowing an installation without columns.



SHIFTEN COLUMN

Pergola can be adapted to existing structures thanks to shifted column option (maximum 1000 mm).





Vertical decorative pillar

The vertical decorative pillar, made of aluminium, provides an elegant and functional solution for outdoor spaces. Its minimalist design allows you to create light and shadow effects, add privacy and enhance the architecture with modern, balanced lines. Resistant, versatile and easy to integrate, it adapts to different configurations to delimit spaces or decorate and complement existing structures. An aesthetic and durable option that transforms any area into a more sophisticated and contemporary environment.



TECHNICAL CHARACTERISTICS



High-quality extruded aluminium



Durability and stability over time

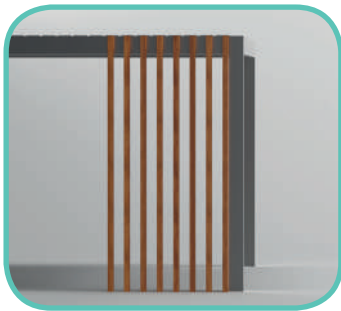


Weather resistance

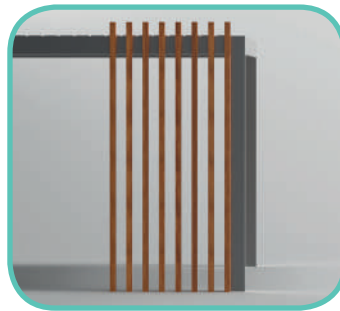


Easy installation and maintenance

CONFIGURATIONS



Flush exterior



Outstanding exterior

LIGHTING

There are three kinds of color options:

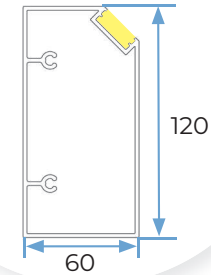
- Neutral white (3000K)
- Cold white (4000K)
- RGB



SECTIONS

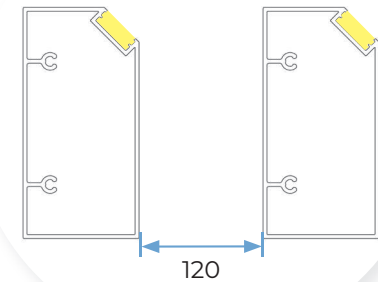
A

VERTICAL DECORATIVE PILLAR WITH LED



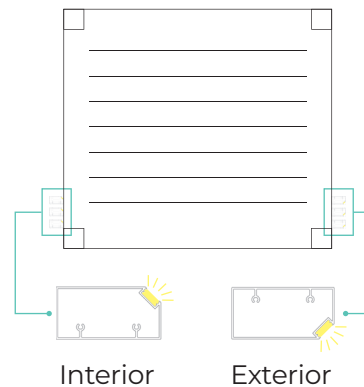
B

STANDARD STEP



Characteristics:

Low-consumption LED technology
Homogeneous linear distribution
Direct integration into 120x60 mm profiles
Compatible with automation systems





AUTOMATION

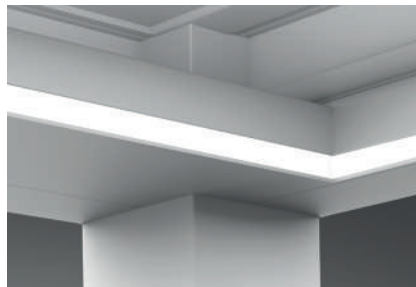
The Seesky BIO bioclimatic pergola offers the possibility of unifying home automation controls so that you can create the ideal environment in your home wherever you are.

Thanks to the home automation integrated into the available options of the pergola, it is possible to optimize the use of energy to the maximum. Live a unique experience where comfort and well-being become the protagonists. The quality of C3 Systems in a highly sustainable and efficient system.

The lighting LED is integrated into the pergola in two types of formats:



LED light in slat



Perimeter LED light

Also, there are three kinds of color options:

- Neutral white (3000K), cold white (4000K)
- RGB

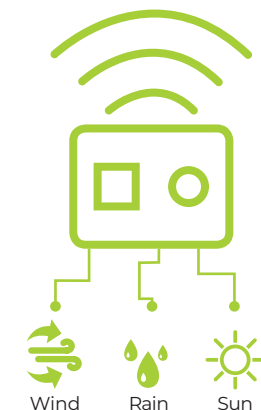
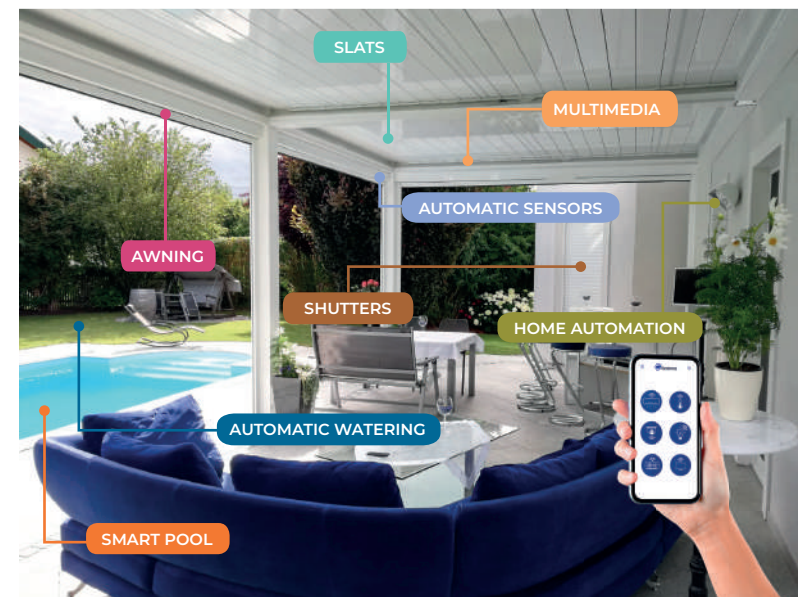
Climate sensors

Thanks to its climate sensors, the pergola can handle any adverse weather conditions and can also be configured according to the surrounding atmospheric conditions.

In case of rain, the slats close automatically to protect the space; if snow is detected and the temperature drops to 0°C, this sensor activates the opening of the slats to prevent accumulation; and in windy conditions, this sensor makes the system orient the slats to 90° to protect the structure.

In the event of simultaneous climate conditions, the system sensors automatically prioritize the wind signal, as it is the parameter that ensures the structural safety of the system.

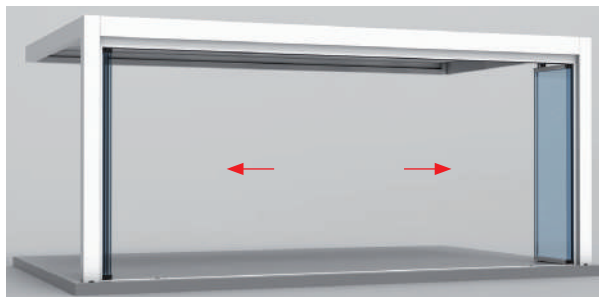
Exceptionally, when Seesky BIO has a perimeter enclosure, it can be configured so that the wind sensor operates in reverse, thus protecting the enclosures from wind action. This configuration is only applicable when the perimeter enclosure is complete.



SLIDING AND FOLDING GLAZING SYSTEMS

seeglass one sub

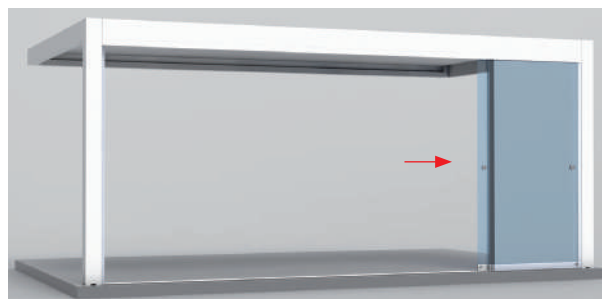
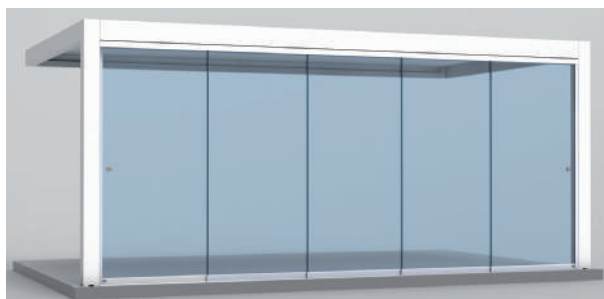
With sliding and folding system **seeglass-one-sub** you will protect the inside pergola without giving up the view and to open everything completely.



SLIDING SYSTEMS

seeglass run₂ run₃

With sliding systems **seeglass-run** you will protect the inside of the pergola without invading interior space.

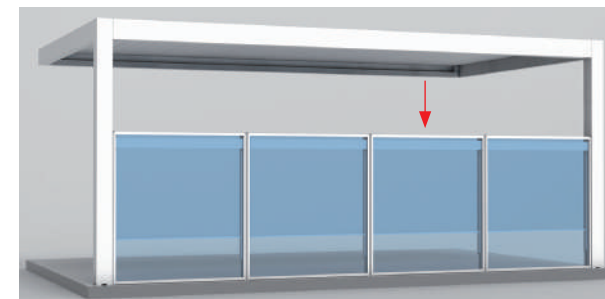
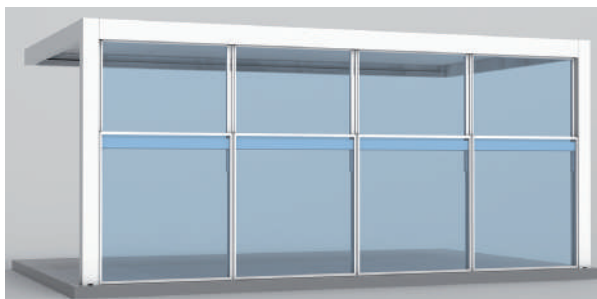


ADJUSTABLE WIND SCREENS

habitat win

Combined with adjustable windscreen **habitat-win**, protect the inside from windy weather.

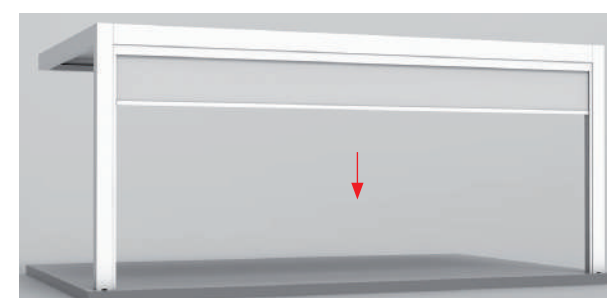
Also available in a fixed version with a door, with an opening of up to 180°. It provides permanent wind protection without compromising comfort.



SUN PROTECTING ZIP SCREEN

habitat zip

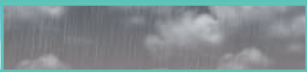
Sun protecting zip screens allow to protect the inside of the pergola from excessive heat and wind.



TESTING AND CERTIFICATES

Seesky bio comes with a 5-year warranty and complies with the quality and safety requirements established by ISO 1090 and CE marking. These certifications reflect C3 Systems, S.L.'s commitment to excellence, strict control in every phase of the manufacturing process, and compliance with European standards.

HIGHEST QUALIFICATION IN THE TEST*

		
Wind-strength UNE EN 1932:2014 CLASS 6 - 100 km/h	Watertightness UNE EN 14963:2007 210 l/m ² (hour)	Snow load UNE EN 12833 245 kg/m ²



***Tests performed after maximum measurements (6450x4700x3000mm.)**



5 year warranty*

Seesky BIO has a 5-year warranty on all components

**(See document in the client area - B2B).*



Guarantee of manufacturing quality and safety of products from manufacturers in the metal sector, including those of metal structures.



CE Marking

All our systems are approved by an official laboratory and in accordance with the requirements of the European Commission to bear the CE Marking seal. We have all the tests and certificates that comply with this regulation and we have a computer tool that makes it easier for the workshop to obtain this label.



Our new facility incorporates an advanced multi-metal powder coating plant, designed to apply high quality finishes to aluminium profiles and other metal accessories. This system complies with the most demanding international standards, including Qualicoat, Qualicoat Seaside and Qualimarine.

Thanks to a flexible process architecture, this plant allows the surface treatment of different metals through customisable configurations with specific recipes. This versatility not only guarantees an excellent finish, but also expands our production capabilities and opens up new business opportunities.



Why should we use aluminum for the systems of the future?

FOR ITS ENVIRONMENTAL ADVANTAGE

It is the only material that is 100% recyclable and reusable infinitely many times.

It is the only 100% sustainable and is effectively recycled. The high price of its scrap proves it.

The mineral with which it is produced is practically inexhaustible. It is the only one that promotes 100% circular economy.



MADE IN SPAIN



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ED. 13 - 2026

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