

CATALOGUE


®
porta

by STUDIO DESIGN

About Us

Guided by the idea of bringing our customers closer to what we do, we created the brand PORTA by Studio Design. The establishment of this brand was preceded by almost two decades of experience in the field of sun protection, as well as in the production of windows and doors on both domestic and international markets.

Our mission is to make your living space more comfortable and to enrich the time you spend in your residential or commercial property with a new dimension. With our solutions, you can reserve a piece of nature just for yourself, thereby enhancing your living environment.

The products we offer are divided into three main groups: pergolas (classic and bioclimatic), ZIP systems, and glass systems. Behind the Porta by Studio Design brand stands a highly skilled team of professionals directly involved in the production and distribution process. This ensures that we achieve the best results, as the link between production and end customers is particularly close.

The production process is carried out with state-of-the-art equipment, guaranteeing maximum quality of the final products. In addition, our production line includes our own facility for the powder coating (plasticisation) of aluminium profiles.

To be even closer to our customers, we have opened the Porta Centre. In this showroom and retail space, you can explore the entire range of Porta brand products – and much more. Visit us at the Porta Centre, where our expert staff will provide you with all the necessary information about the products you are interested in.



®
porta

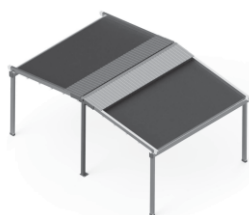
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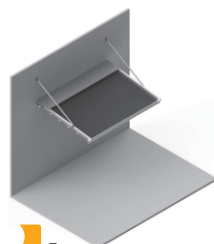
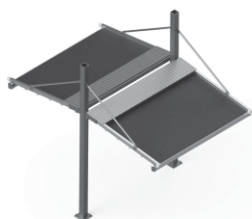
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PERGOLAS

Perfect sun protection.
Modern extension of living space.
Comfort and enjoyment in your home
garden or at your commercial property.




primus

standy-d

standy

hangy

selfie

PERGOLA BIOCLIMATIC


skyroll

In its original meaning, a pergola refers to an outdoor structure consisting of columns placed on a defined surface, supporting a fabric sunshade. The concept of the pergola originates from the Mediterranean courtyard architecture and dates back to ancient times.

Over the years, the pergola has been further developed, with materials and manufacturing technologies modernised, while its essence and purpose have remained unchanged. Today, pergolas are made of aluminium components combined with modern and durable fabrics, enhanced by electric motors, lighting, and other functional additions.

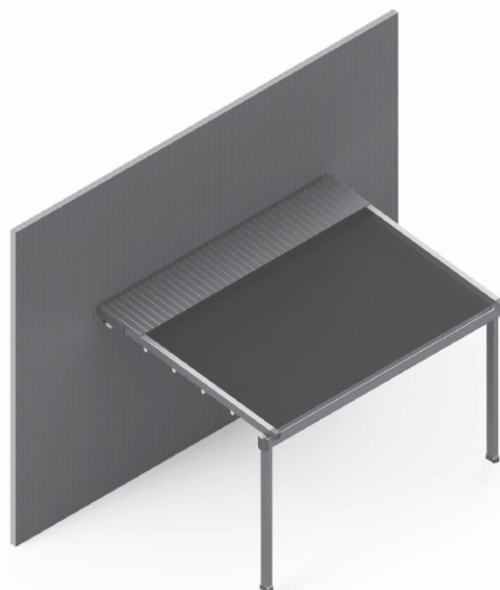
Pergolas are mainly used in the hospitality sector but are also increasingly found in residential properties. They are chosen by those who wish to modernise and expand their property in a functional way, creating additional attractive space as well as effective sun protection.

In the following, we present the types of pergolas we offer.

primus PERGOLA CLASSIC

The Primus model represents the basic form of the pergola from which all other models are derived. This model is fixed to the rear wall of the building, while the front part is supported by columns.

With its appealing design, the Primus pergola integrates perfectly into both commercial and residential properties, rightly earning the title of the most sought-after model. Its simple structure has contributed to the affordable price of the Primus pergola.

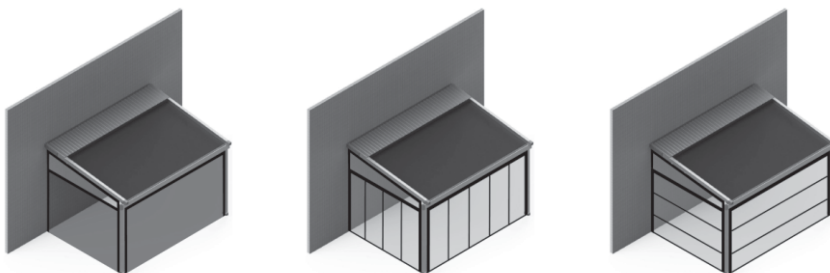


ADDITIONAL OPTIONS:

ZIP System

Sliding Glass System

Gio Glass System



The Standy pergola is a variation of the Primus model. The main difference lies in the installation principle. This pergola is supported by columns both at the front and at the rear, which means that its installation does not require attachment to the building wall.

As a result, the range of applications for this model is particularly wide.

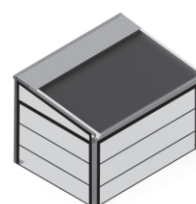
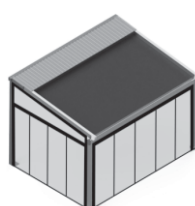
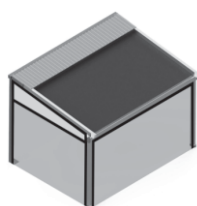


ADDITIONAL OPTIONS:

ZIP System

Sliding Glass System

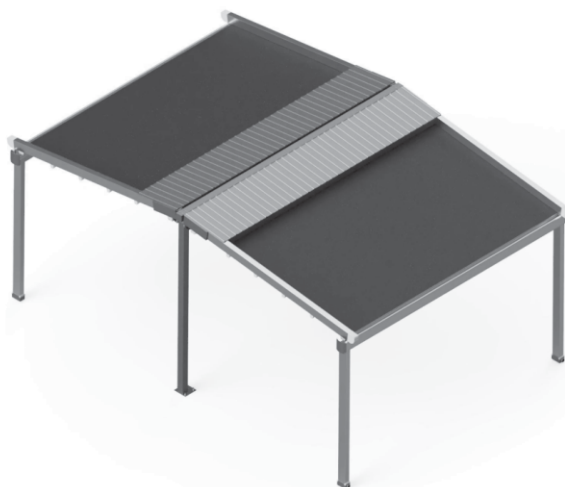
Gio Glass System



standy-d PERGOLA CLASSIC

The Standy-D pergola is a model designed for covering large areas. Columns are positioned in the centre, with the guides extending to the left and right.

This model is ideally used in the hospitality sector, particularly for covering large terrace areas.

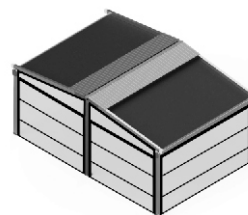
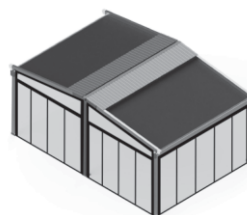
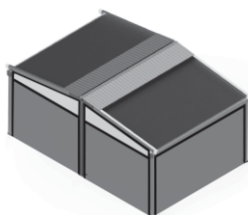


ADDITIONAL OPTIONS:

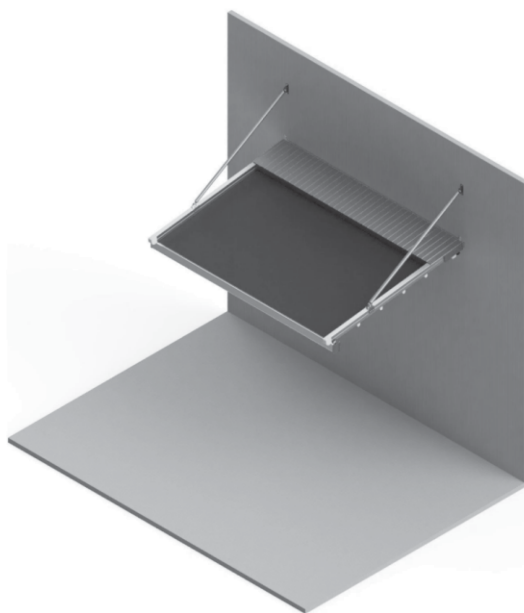
ZIP System

Sliding Glass System

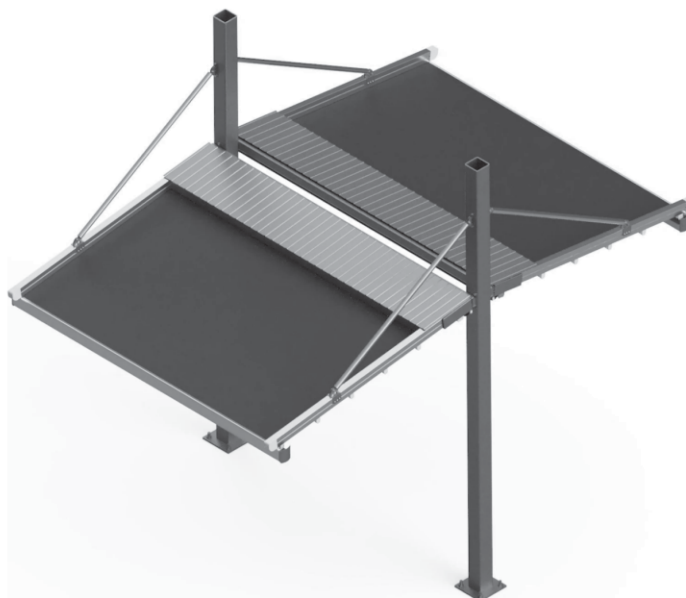
Gio Glass System

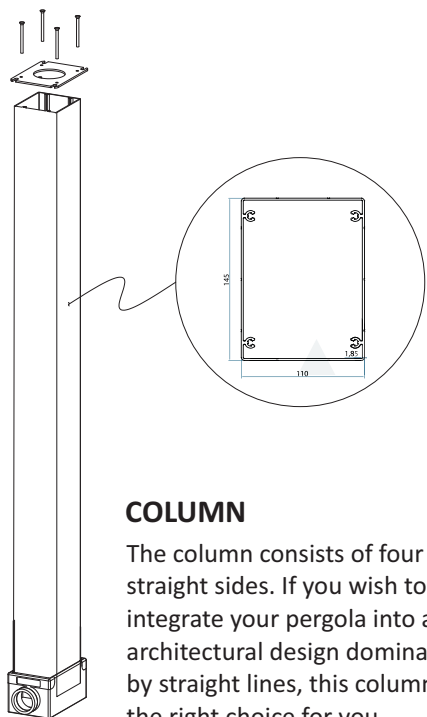


The Hangy pergola is a model that is fixed at two points on the building wall. This model is particularly practical for specific locations where space is limited and it is not possible to install columns on the ground.



The Selfie pergola model features a central structure with guides attached to the middle support, extending to the left and right. This model is suitable for covering large areas, and its installation does not require columns at the ends.

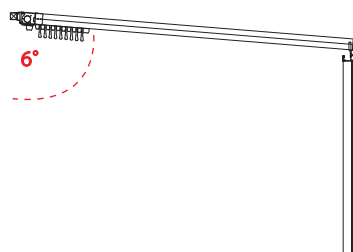
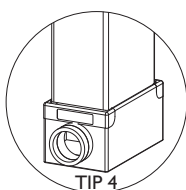




COLUMN

The column consists of four straight sides. If you wish to integrate your pergola into an architectural design dominated by straight lines, this column is the right choice for you.

DRAINAGE



All pergola models are installed at a minimum angle of 6 degrees. This aspect is extremely important to ensure proper water drainage, to prevent accumulation on the surface, and to allow free flow into the drainage system integrated into the front part of the structure.

Water Flow and Drainage Capacity (Standard: TS EN 12056-3)	
Gutter Capacity	1,49 L/S
Drainage Capacity	1,20 L/S
Required Drains	32 m2/1kom

Under heavy rainfall conditions (0.031 L/s)

It is very important that the surface of the pergola withstands weather conditions such as rainfall. Our pergolas are equipped with a uniquely developed system called Disaster Discharge. This means that in the event of sudden and heavy rainfall, the water is properly channelled through the drains, ensuring that your living space is not put at risk.

LIGHTING

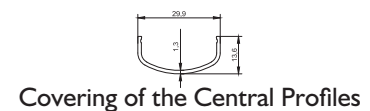
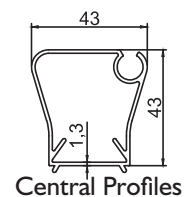
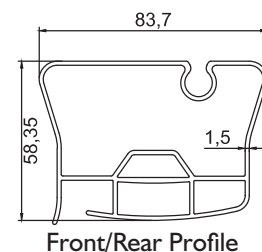
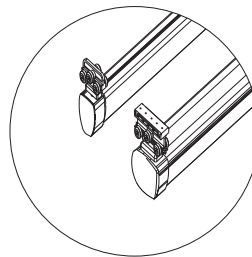
A very important component of the pergola is the lighting, as when the fabric is closed, it creates a perfect atmosphere beneath.



LED diodes are installed in the central profiles of the fabric, covered with a plexiglass casing.

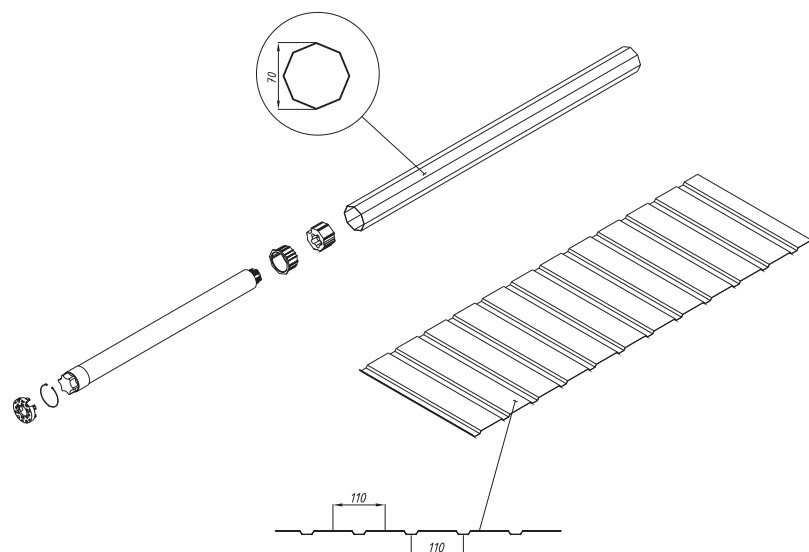
PROFILES FOR THE FABRIC

The fabric is mounted on specially developed profiles that enable its installation and connection with the roll-up and roll-down system.



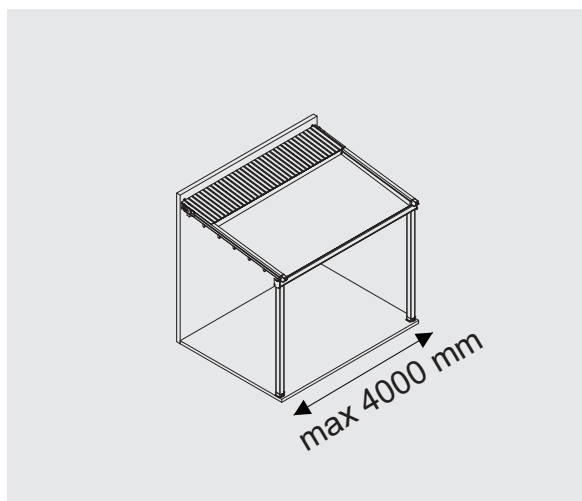
MOTOR PROTECTION

The pergolas are equipped with high-quality Cherubini motors of worldwide renown. The construction is designed to provide the motor, in addition to its installation position, with mechanical protection against external influences, thereby ensuring its flawless operation and durability.

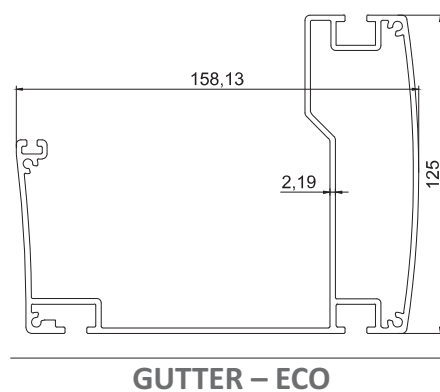
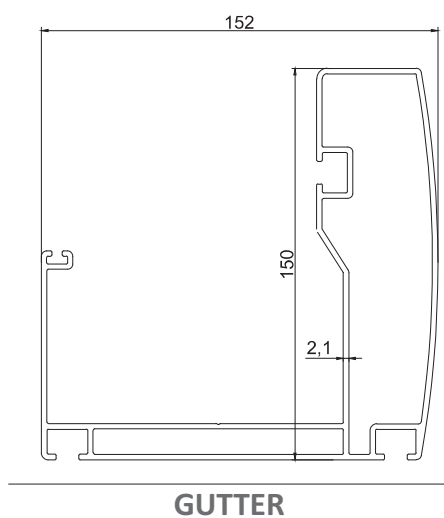
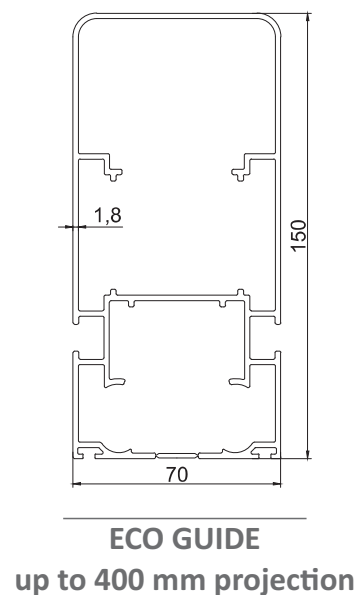
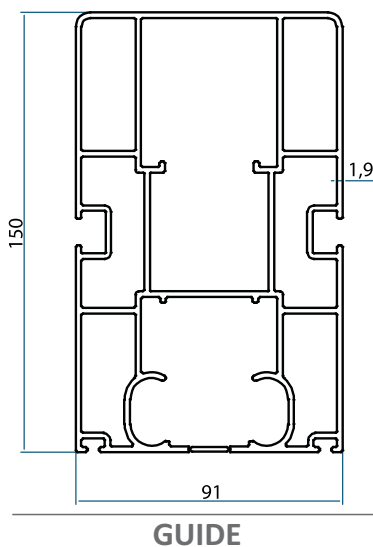
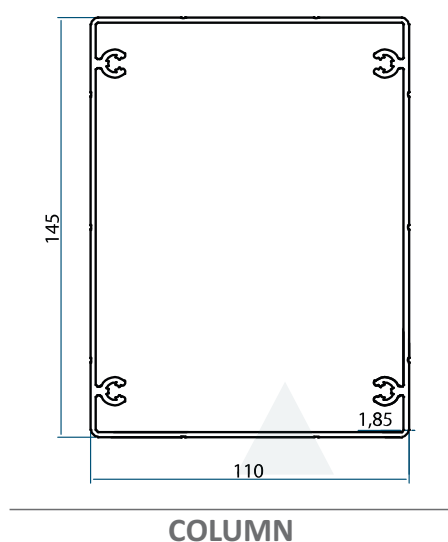
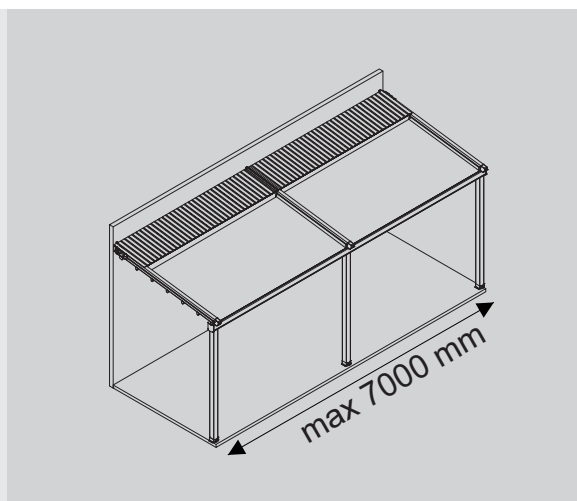


Each pergola type has a specific range of width and projection within which it can be manufactured. Depending on the size of the area, it is possible to combine several modules into a functional unit. In addition to the basic type with 2 guides, we also offer systems with 3 guides.

2 Guides



3 Guides



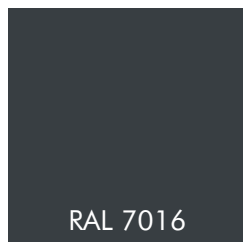


In addition to the fabrics we use, we have prepared an interesting colour palette for the aluminium parts of the structure.

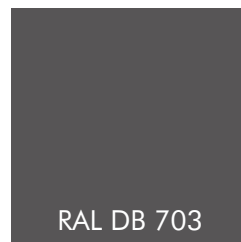
The colours are available in the CLASSIC, TEXTURE, and SPECIAL variants and are characterised by high durability and resistance to weather conditions.



RAL 9016
Smooth finish / Gloss
Fine finish / Matt



RAL 7016
Fine finish / Matt



RAL DB 703
Fine finish / Matt



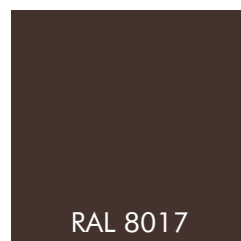
RAL 9005
Fine finish / Matt



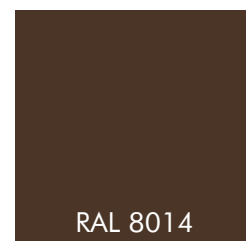
RAL 9001
Fine finish / Matt



RAL 9006
Smooth finish / Matt



RAL 8017
Fine finish / Matt



RAL 8014
Fine finish / Matt



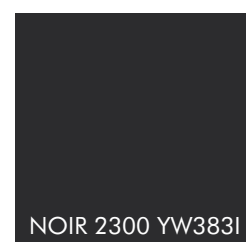
ANTU Y2209I



2700 SABLE YW353F

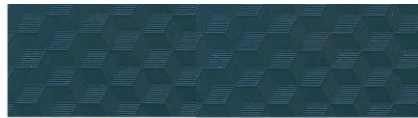
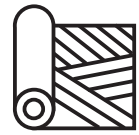


COPPER SW 325I



NOIR 2300 YW383I

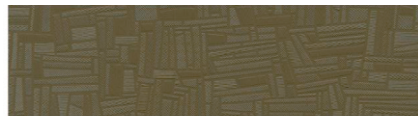
Option to choose additional colours from the RAL chart.



7016				
3.00 m x 30-60 ml		Solar reflection (%)	16	
		Solar absorption (%)	84	
		Solar Factor	0.08	
		Thermal confort		
		Visual transmission (%)	0	
		Visual protection		



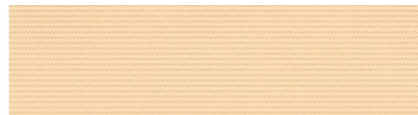
7511				
3.00 m x 30-60 ml		Solar reflection (%)	68	
		Solar absorption (%)	32	
		Solar Factor	0.03	
		Thermal confort		
		Visual transmission (%)	0	
		Visual protection		



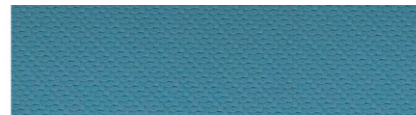
7510				
3.00 m x 30-60 ml		Solar reflection (%)	16	
		Solar absorption (%)	84	
		Solar Factor	0.08	
		Thermal confort		
		Visual transmission (%)	0	
		Visual protection		



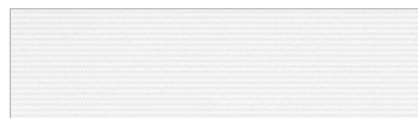
7512				
3.00 m x 30-60 ml		Solar reflection (%)	45	
		Solar absorption (%)	55	
		Solar Factor	0.05	
		Thermal confort		
		Visual transmission (%)	0	
		Visual protection		



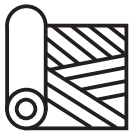
7678				
3.00 m x 30-60 ml		Solar reflection (%)	68	
		Solar absorption (%)	32	
		Solar Factor	0.03	
		Thermal confort		
		Visual transmission (%)	1	
		Visual protection		



7668				
3.00 m x 30-60 ml		Solar reflection (%)	30	
		Solar absorption (%)	70	
		Solar Factor	0.07	
		Thermal confort		
		Visual transmission (%)	0	
		Visual protection		



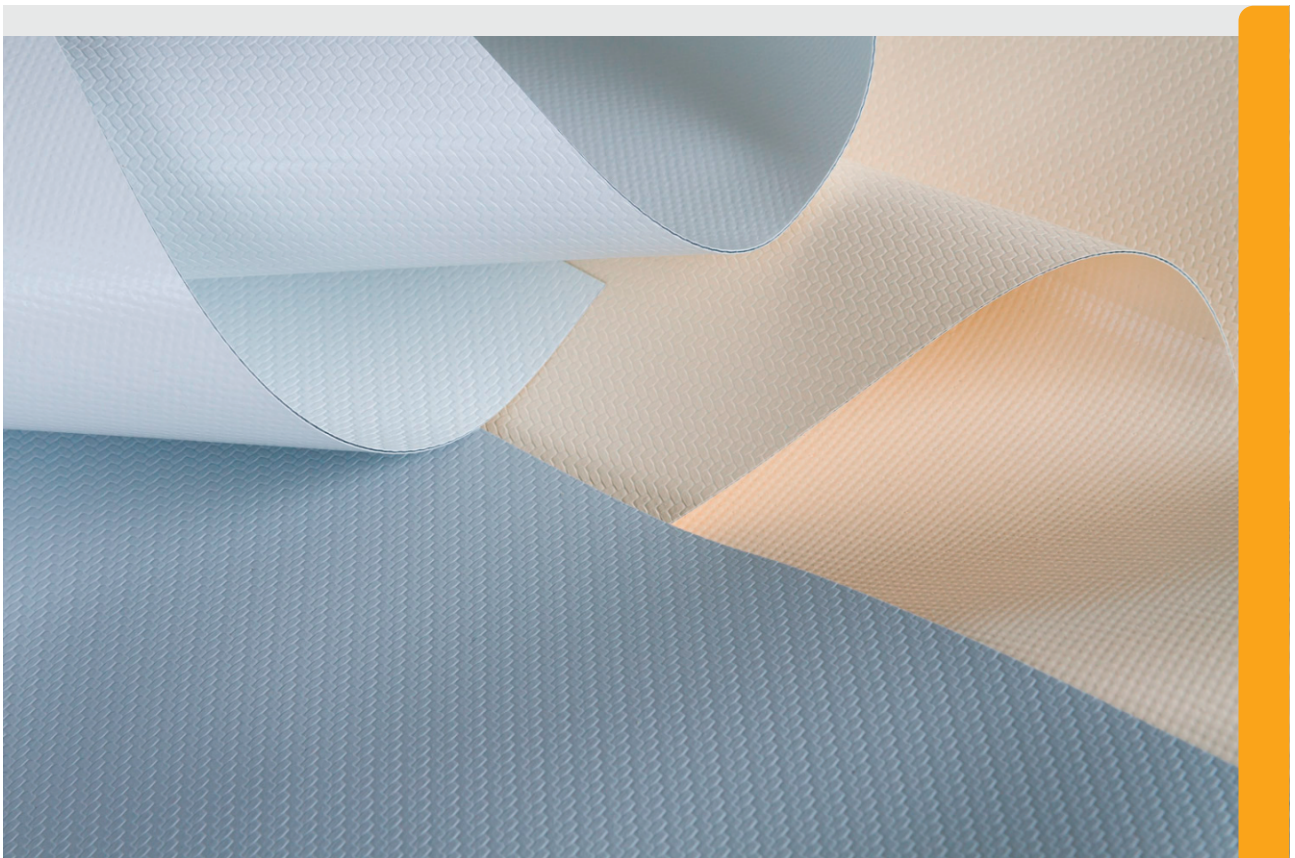
7677				
3.00 m x 30-60 ml		Solar reflection (%)	72	
		Solar absorption (%)	28	
		Solar Factor	0.02	
		Thermal confort		
		Visual transmission (%)	2	
		Visual protection		



The fabrics we use are distinguished by the highest quality and durability. Their composition consists of particularly high-grade materials that contribute to resistance and resilience against weather conditions. Modern architecture is exciting and brings with it a variety of interesting ideas concerning colours. Therefore, we have prepared a colour palette in which we are certain you will find something to your liking. In addition to the basic colours, there are also 3D-structured fabrics.

Technical Properties

Fabric	100% PES, 1100 dTex
Weight	850 gr/m ² , DIN ISO 2286/2 1998
Curvature	LIN
Property	ABUV/SOP
Tensile Strength (Warp)	1.Jan
Tensile Strength (Weft)	EN ISO 1421/ 1988
Tear Resistance (Warp)	EN ISO 1421/ 1988
Tear Resistance (Weft)	DIN 53363 2003
Resistance to Chemicals	DIN 53363 2003
Heat Resistance	-30 / + 70C, DIN EN 1876/2 10998
Fire Resistance	NF P 92 507 2004



RIGHT OF DIM

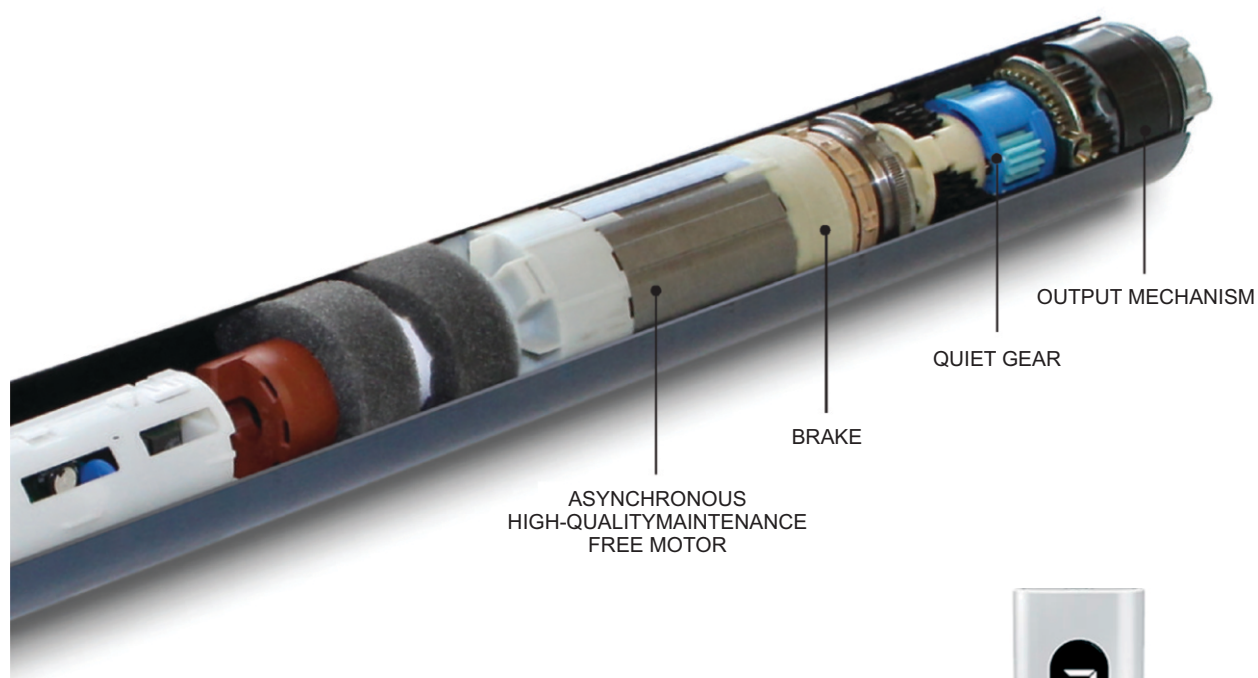




Our pergolas are equipped with high-quality motors from the CHERUBINI brand.

These motors are characterised by outstanding durability, precision, and manufacturing quality.

CHERUBINI



The SkyRoll belongs to the category of bioclimatic pergolas. Through a motor integrated into the system of aluminium plates that form the ceiling and rotate, you have the option of creating an open, closed, or semi-open ceiling structure.

The angles that can be set on the ceiling panels simultaneously provide protection, ventilation, and light control.

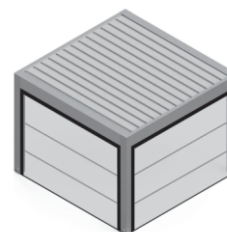
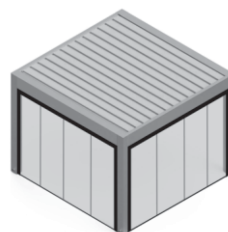
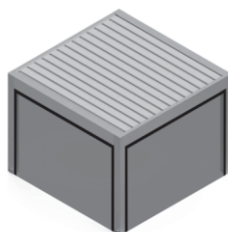


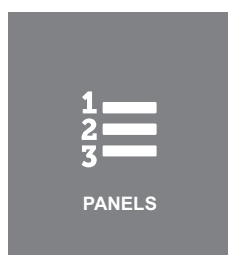
ADDITIONAL OPTIONS:

ZIP SYSTEM

Sliding Glass System

Gio Glass System

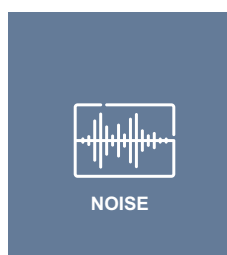




Aluminium Panels



Special solutions for drainage and protection against water leakage



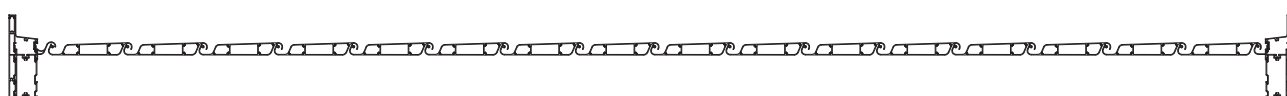
Quiet Mechanism



Simple system for lighting maintenance

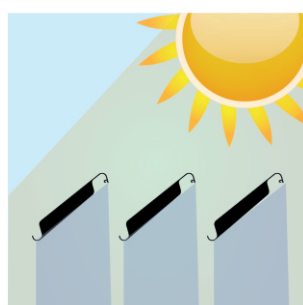


Easy assembly of components



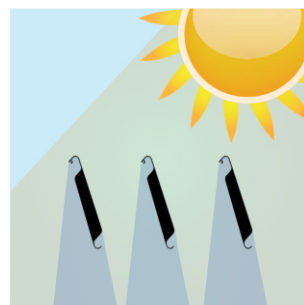
PROTECTION

When the ceiling panels are in the closed position, you are extremely well insulated and protected from external influences.



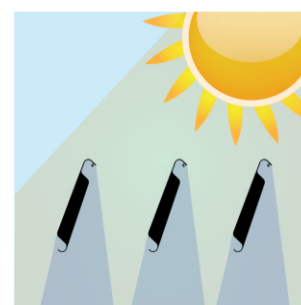
VENTILATION

By adjusting the panels to the desired position, you can create airflow exactly as it suits you.



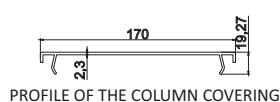
LIGHT CONTROL

Thanks to the movable panels, their position can be adjusted according to the sun's position throughout the day. This allows you to increase or reduce the light and thereby enhance the ambience.

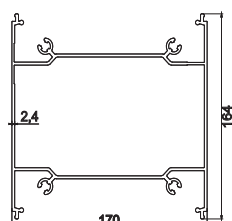


TEMPERATURE CONTROL

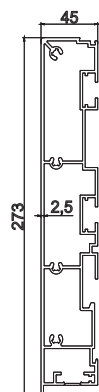
By adjusting the angle, you have the ability to regulate temperature differences within the desired limits.



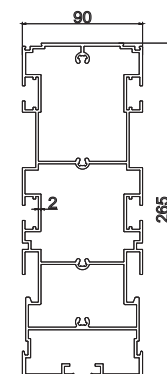
PROFILE OF THE COLUMN COVERING



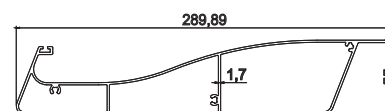
COLUMN PROFILE



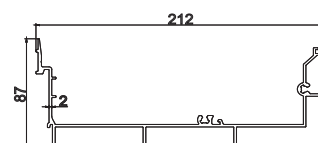
BEAM PROFILE



CENTRAL BEAM PROFILE



PANEL – LOUVRE



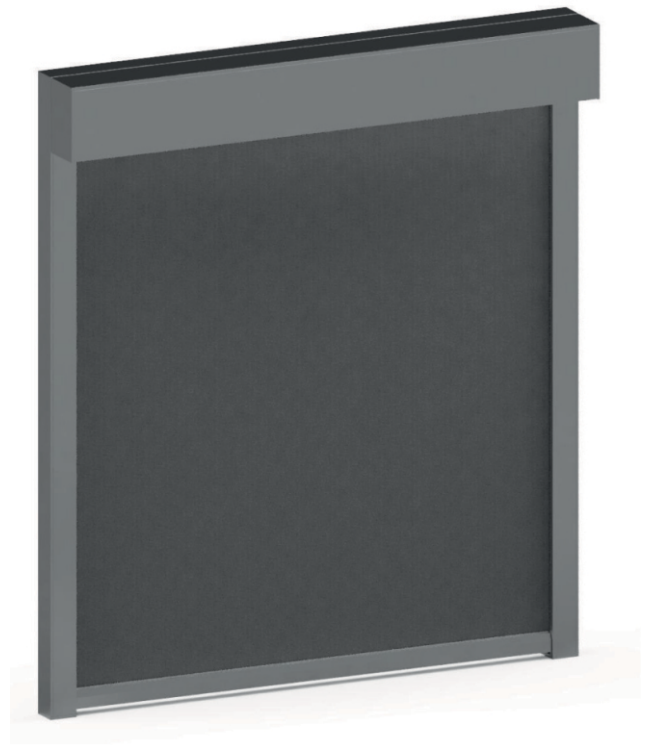
GUTTER PROFILE



ZIP SYSTEM STANDARD

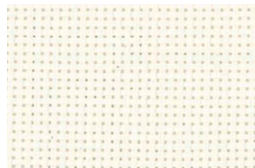
ZIP systems represent a modern solution for sun protection. They are installed externally, preventing the transfer of solar heat onto the glass. They are an easy-to-use and efficient solution, capable of blocking up to 97% of solar heat, thereby significantly reducing the need for air conditioning. Thanks to the high-quality materials from which they are made, ZIP systems are durable and resistant to weather conditions.

ZIP systems are the ideal complementary system for pergolas of the Classic and Bioclimatic series, but they can also be applied to other types of buildings.



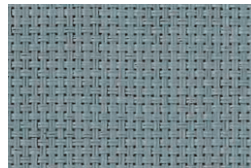
In our range, we offer fabrics for ZIP systems from the renowned Italian manufacturer Tenditalia.

0101



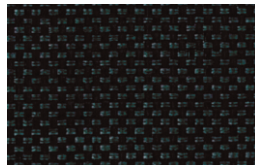
Cream

0505



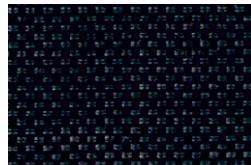
Grey

5951



Anthracite

5959



Black



Waterproof



Anti-allergenic



UV Protection



Suitable for
Recycling



High Tear
Resistance

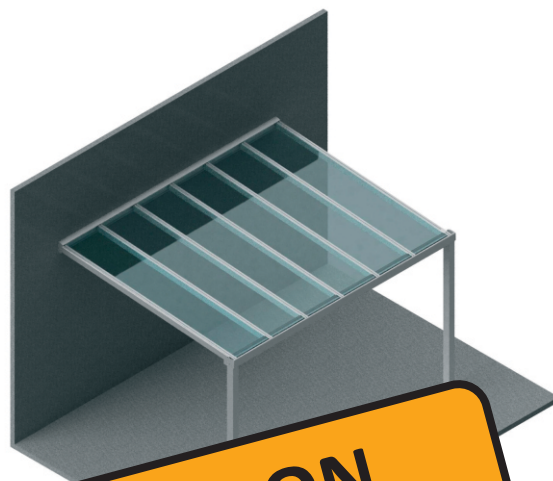


Certified



wintergarten

The wintergarten represents the most flexible space in modern architecture. It offers a wide range of uses, with its core idea being the extension of living space and the integration of the natural environment into the interior. High-quality materials ensure durability, solid thermal insulation, and low energy costs. A glazed roof combined with glass walls as an addition transforms the winter garden into a cosy space where you will feel comfortable.



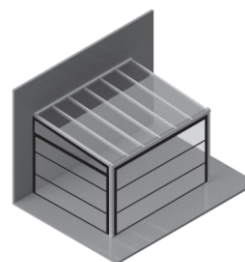
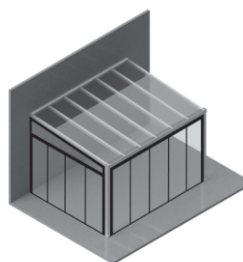
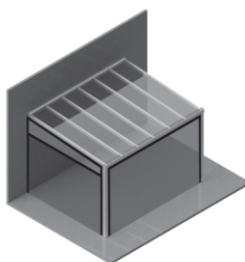
COMING SOON

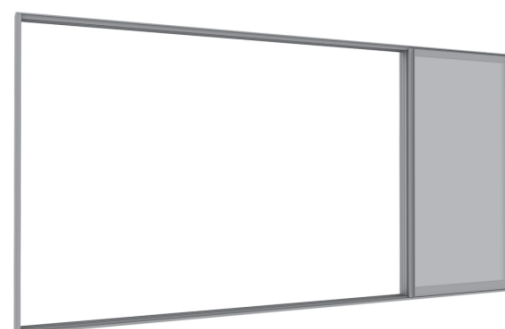
ADDITIONAL OPTIONS:

ZIP SYSTEM

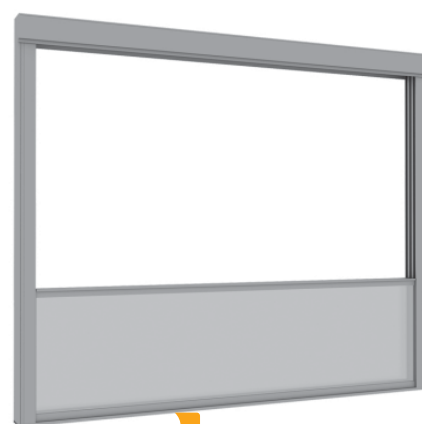
Sliding Glass System

Gio Glass System





 **slidepremium**



 **gio**

We create modern living spaces and enhance your comfort. For this reason, our range includes glass systems with different purposes of use. They can be installed on balconies, in combination with bioclimatic pergolas, or on auxiliary buildings in your garden. These are just a few examples of the wide range of applications for glass systems. Depending on the purpose and the type of property, there are several types of glass systems.

slidePREMIUM

Double-glazed sliding glass Slide Premium is a system that sets new standards. The comfort of the sliding glass system has been carefully developed and tested with regard to insulation and aesthetics. The system allows the use of 24 mm insulating glass. It features the globally renowned Roto Mark locking mechanism. The Roto Mark carriers differ from other products through smooth and balanced movement.



**HIGH
MANUFACTURING
QUALITY**

**ENHANCED
INSULATION
PROPERTIES**

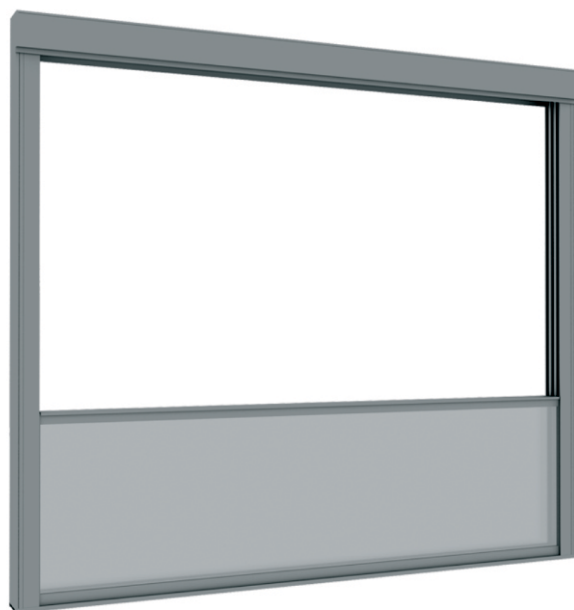
**HIGH-QUALITY
LOCKING
SYSTEM**

**EXTREMELY
EASY
TO OPERATE**





Gio is a glass system that moves along the vertical axis. Its recommended use is for enclosing pergolas, although it can also be applied to buildings with other structures. Side profiles enable the vertical movement of the glass (with two or three panels). The motor housing at the upper end of the system lifts the glass panels using steel chains. Each chain in the double-chain system has a load capacity of up to 1800 kg.



 **gio** DOUBLE GLAZING 4+16+4 mm





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