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# OFFENHAUS

## OUTDOOR LIVING



### **We Bring Professionalism and Quality Together**

As **Offenhaus Outdoor Living**, we offer quality and aesthetic solutions to outdoor living spaces with our team of architects and engineers. We can meet all the needs of your outdoor life with our wide range of products such as aluminum glass systems, pergola systems and shading systems.

### **Architect Support**

An architect account representative is assigned to each client. Our architects present your projects with drawings and 3D visualizations of the application area and follow up the order until product delivery. You can make a video call with our architects for after-sales installation support and other questions.

### **Why Choose Offenhaus?**

- \* Expert staff
- \* High quality products
- \* Aesthetic solutions
- \* Wide range of products
- \* Customer focused service
- \* Service in more than 15 countries
- \* 24/7 customer support
- \* Architect/engineer support

**Have Your Dream Outdoor Living Space With Offenhaus!**



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**BIOCLIMATIC SYSTEMS**



# AIROFFEN BIOCLIMATIC SYSTEM



**Airoffen** is a marvel of innovation and engineering. It has a unique mechanism that can be opened up to **3/4** when the panels are retracted. Thanks to this feature, while creating a pleasant atmosphere outdoors on sunny days, it also provides comfortable protection in rainy or windy weather.



**Airoffen** is easy to use thanks to its smart automation systems. Integrated features such as sun sensors, wind sensors and rain sensors automatically optimize the operation of your system and create an **ideal climate**. Combining the magnificent beauties of nature with a modern design, **Airoffen** is the most effective way to create the living space of your dreams.



**Airoffen**'s elegant design fits into any space and is the perfect **aesthetic** complement. It can be personalized with various color and material options.

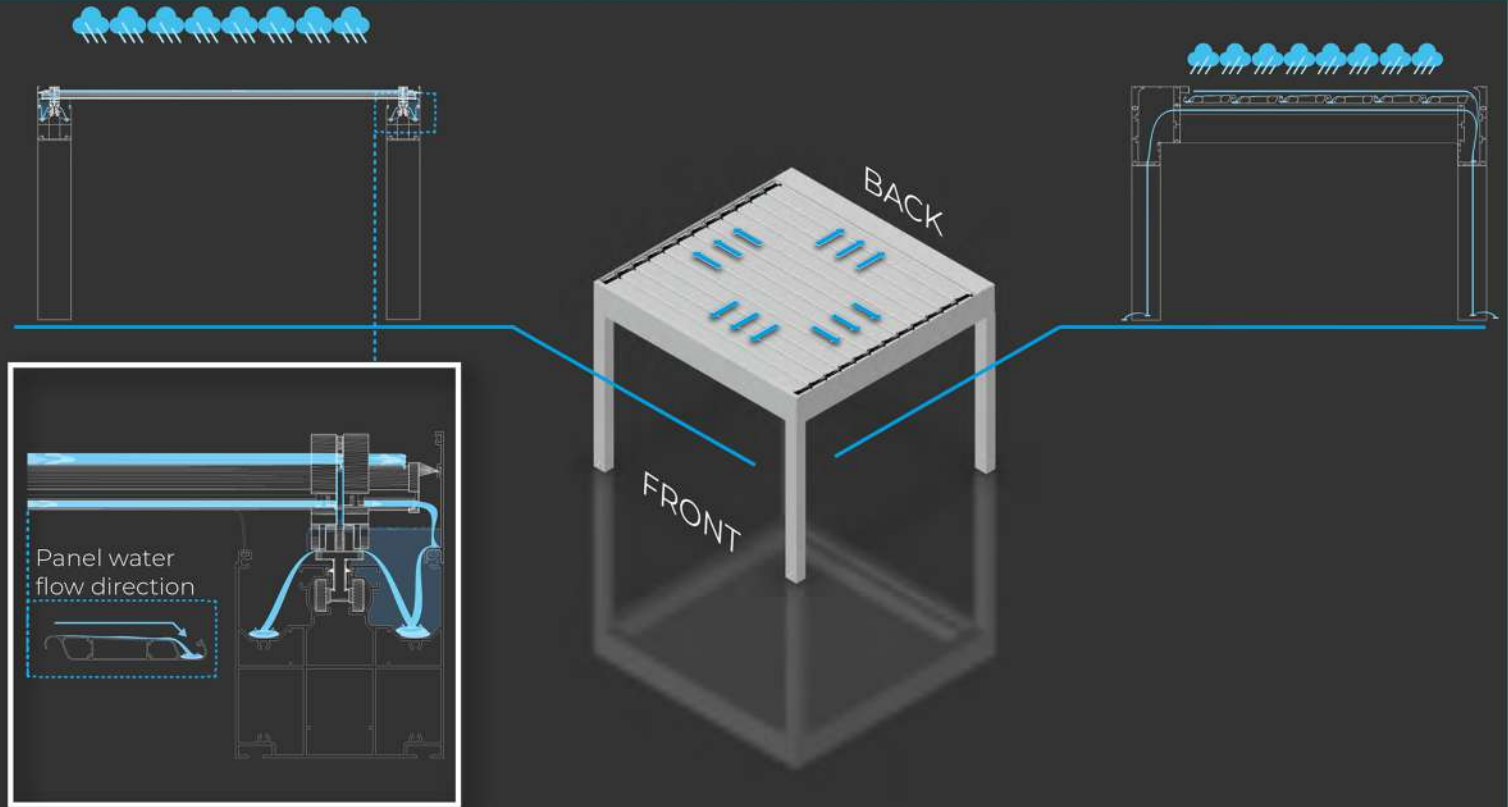


This product is a product that will increase your quality of life not only in terms of aesthetics but also in terms of **sustainability**. Its bioclimatic design minimizes environmental impacts while conserving energy. It makes the most of **natural light** and **ventilation** while simultaneously controlling indoor **temperature** and optimizing **energy** consumption.

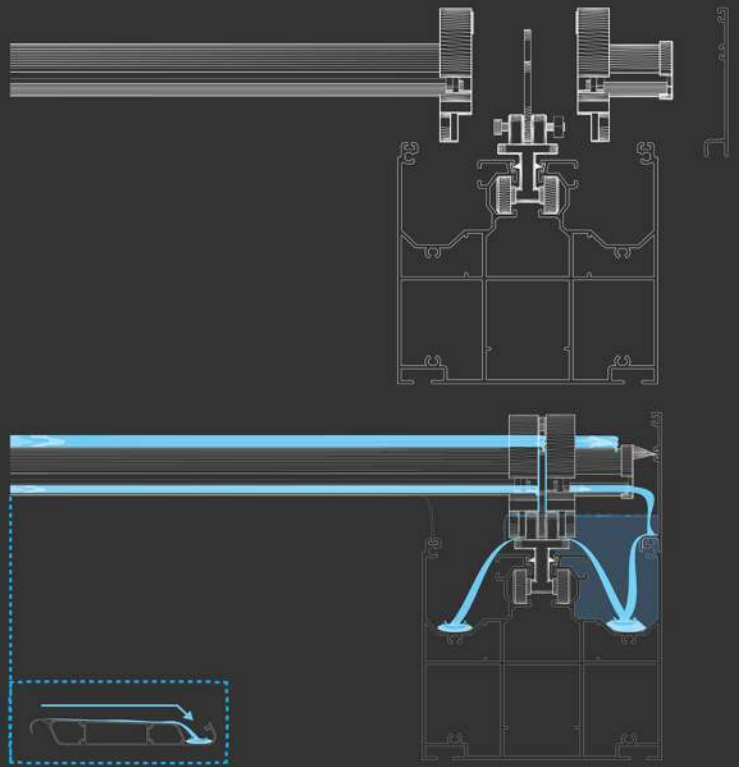
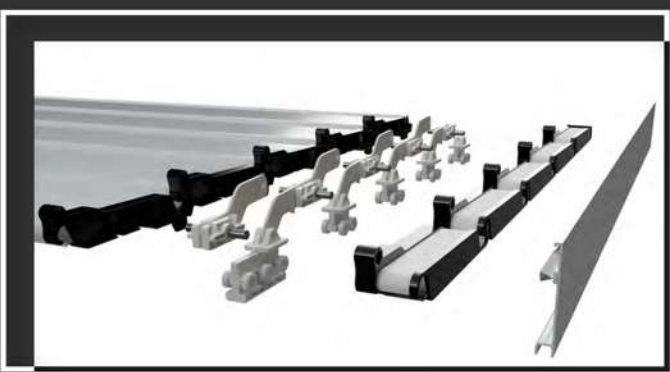


**Airoffen** is the perfect solution for those who want to make an environmentally responsible choice.

## DETAILS OF AIROFFEN

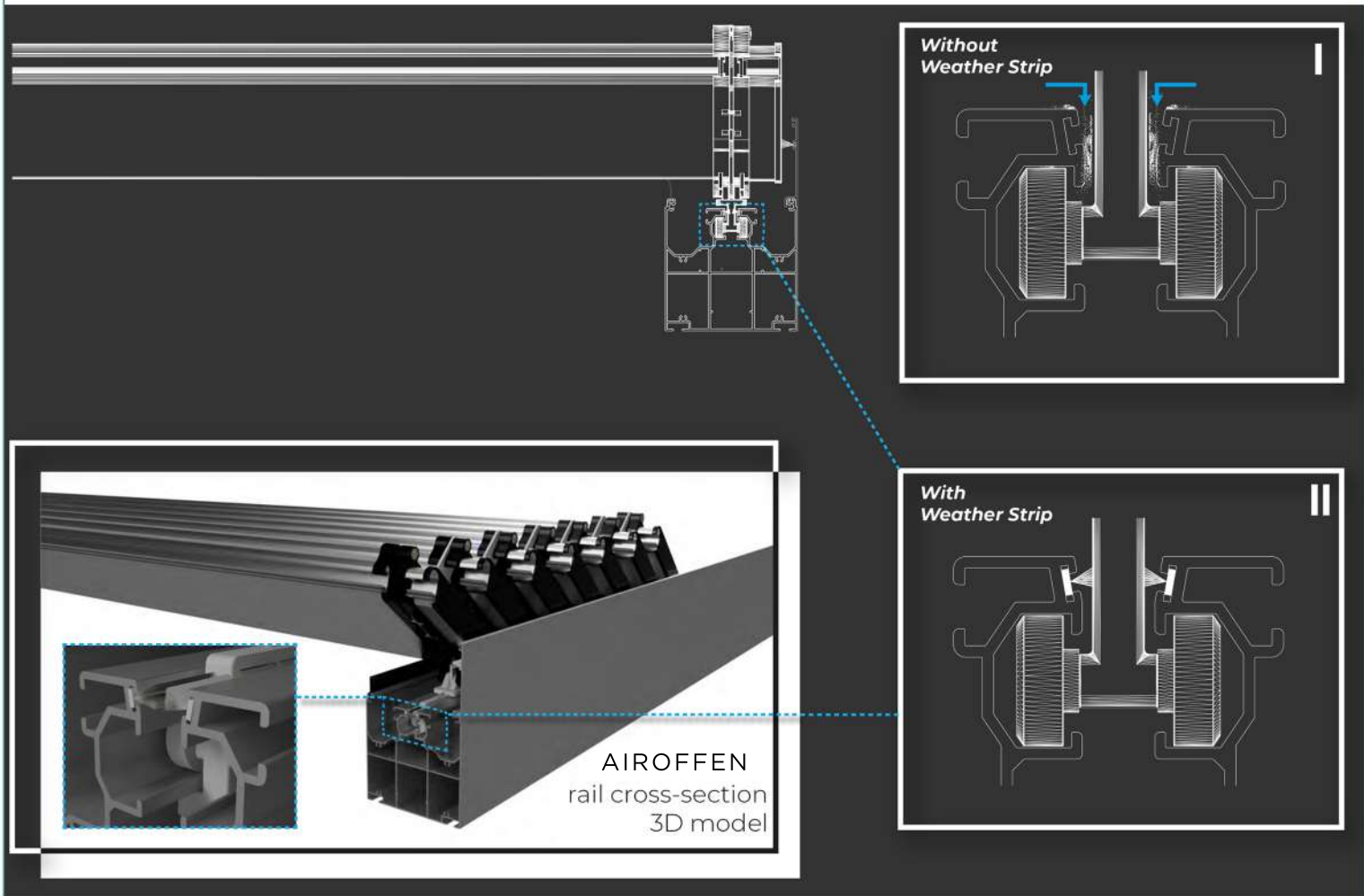


In our new generation **Airotfen** models, we made special additions to the water drainage solutions in the rail-panel junction points and side cover designs. The water, which is directed sideways from the panel-rail junction point over the panel, is transferred to the double grooves in the rail for water discharge. If under heavy rain conditions, excess water puddle occurs and the water overflows to the sides, it cuts the water on the side covers and directs it to the gutters.





In our **Airoffen** models, each panel is specially designed. They collect the water accumulated in the back and small part. The movement of water begins sideways with the groove formed by the folds on the back.

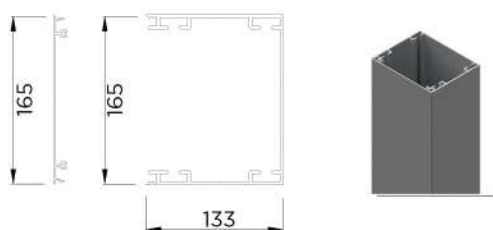


In our new generation **Airoffen** models, we are supplying two-sided slots that move through the rails, in order to keep the movement of the cars perfectly always, to add weather strip to the rails. With these slots, dust and small particles are prevented from entering the car path. The movement of the panel continues with the quality of the first day.

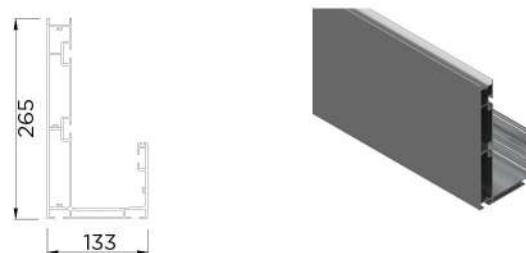




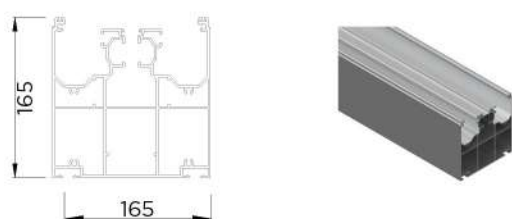
## PILLAR & CAP PROFILE



## GUTTER PROFILE



## RAIL PROFILE



## BOX PROFILE



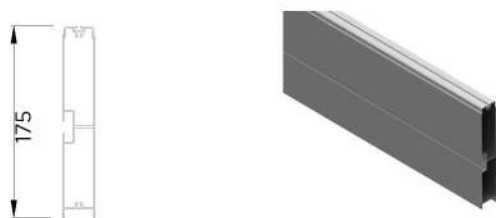
## PANEL PROFILE



## BACK GUTTER CAP



## TRAVERSE PROFILE



## RAIL SIDE CAP



## GUTTER TOP PROFILE



## BACK TRAVERSE PROFILE

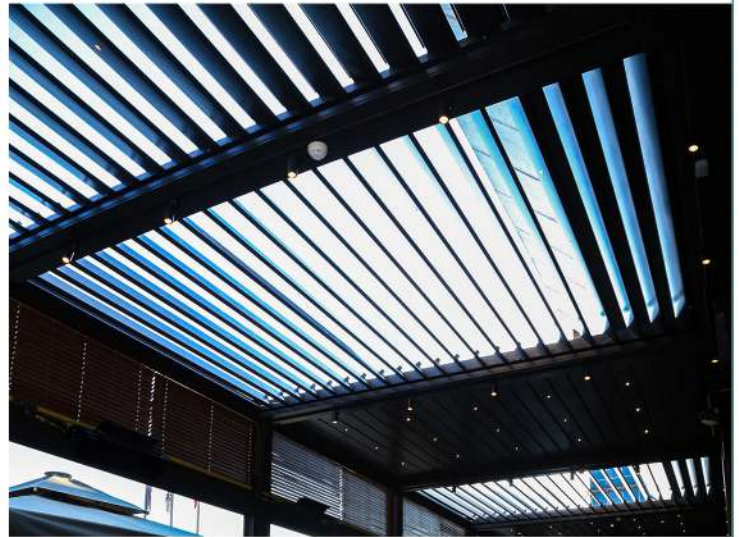


**Offenhaus** offers **Airoffen** bioclimatic systems in **DIN6060**, **DIN6061** and **DIN6062** quality, depending on all profiles used and where they are used.

## BIOFFEN BIOCLIMATIC SYSTEM



**Bioffen** is the “Bioclimatic” type pergola of the bioclimatic family that has the ability move on its axis. Via an engine that is integrated into the system, the aluminum panels that make up the ceiling gyrate and enable you to obtain an open, closed or semi-open ceiling structure.



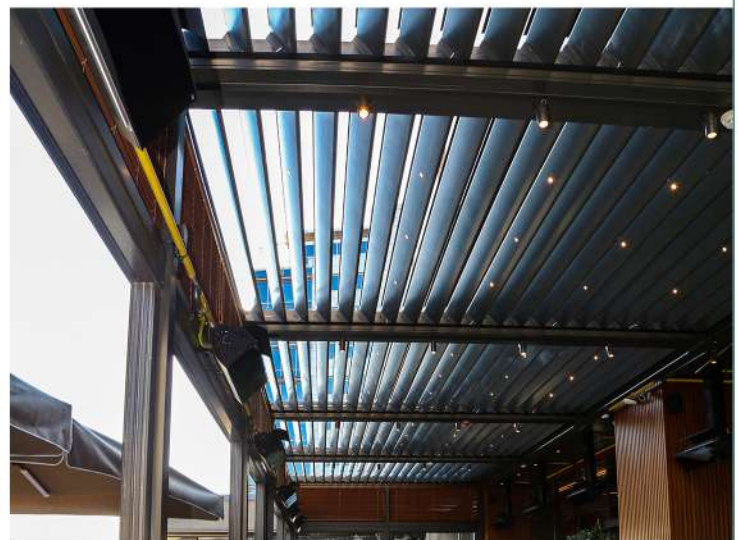
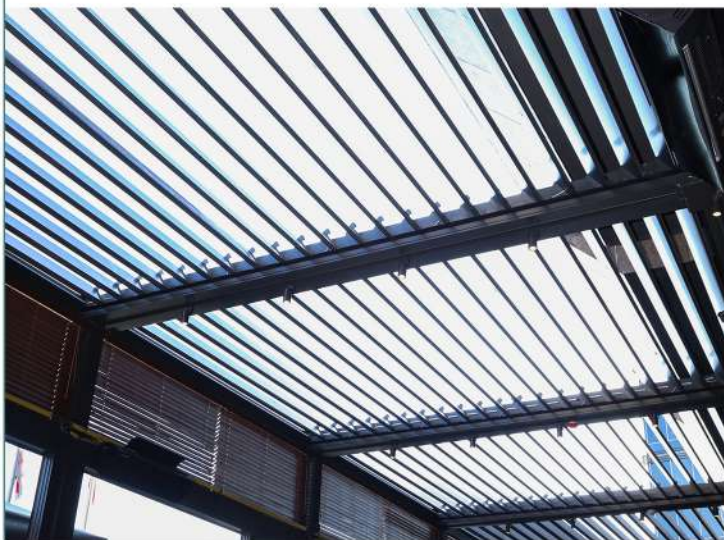
The angles that you will obtain at the ceiling panels gives you the options of protection, ventilation and light control, all at the same time. In addition to these, the polystyrene profiles that will be added to the system in line with your demand, will perfectly enable both “heat” and “sound” isolation at the ceiling panels.



In our **Bioffen** product, the aluminum panels that can rotate on their own axis between **0** and **124 degrees** will provide you an unlimited freedom of use.



While **Bioffen** can be assembled as an independent product that stands on its own feet, via special support weighting arms, it can also be assembled at the areas under ceilings or walls.



Via assembly of desired number of products side by side in the desired direction, **Bioffen** model will enable you to fully enclose the area that you need to enclose.

# TYPES OF BIOFFEN



**ECO**



**STANDARD**



**PRO**

Our **Bioffen** has **three types**. This types depend on roof panel design. Other details (rails, pillars, gutters) is the **same** designed. Every parts designed with using specific material like aluminum, plastic and steel.



**ECO**

## Difference?

Economic panels designed thin

## Advantage?

More space with a low budget



**STANDARD**

## Difference?

Stronger special panel design

## Advantage?

More ergonomic design



**PRO**

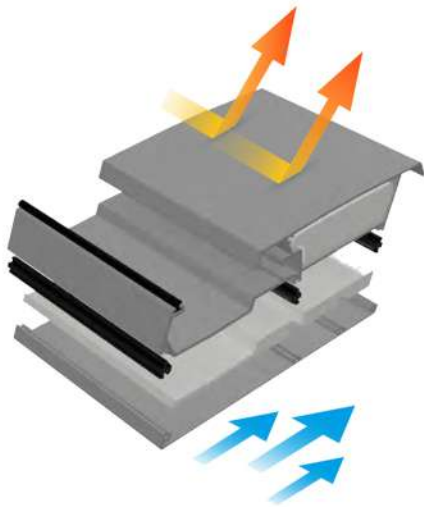
## Difference?

Three-layered heatproof panel design

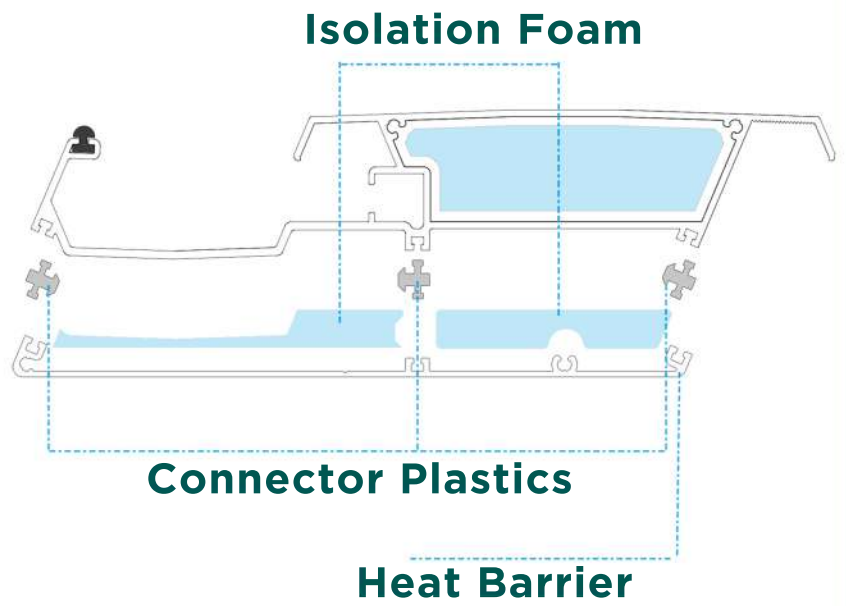
## Advantage?

Design suitable for very hot and cold weather conditions



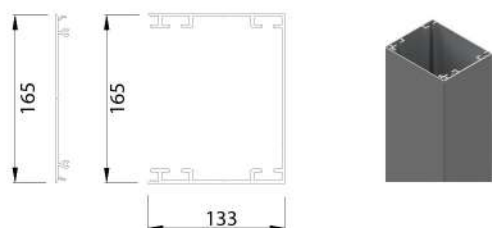


**PRO**

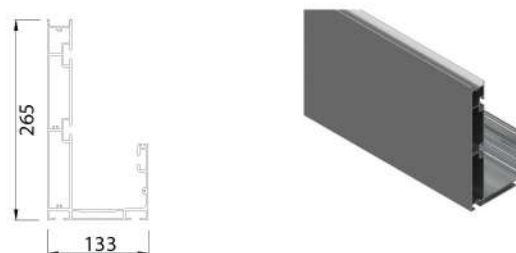




## PILLAR & CAP PROFILE



## GUTTER PROFILE



## ECO PANEL PROFILE



## STANDARD PANEL PROFILE



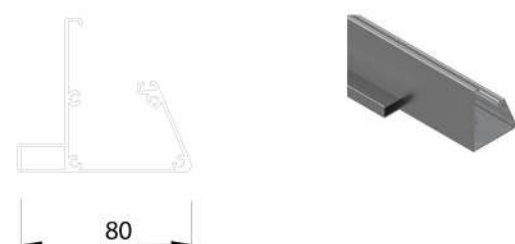
## PRO PANEL PROFILE



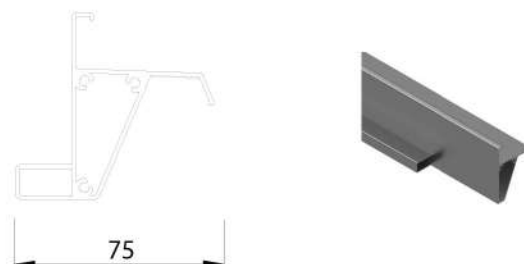
## SIDE GUTTER CAP



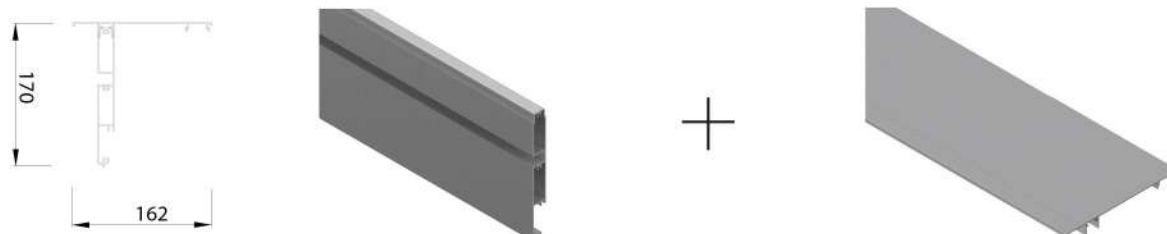
## FRONT FIXED PANEL PROFILE



## BACK FIXED PANEL PROFILE



## TRAVERSE & CAP PROFILE



**Offenhaus** offers **Bioffen** bioclimatic systems in **DIN6060**, **DIN6061** and **DIN6062** quality, depending on all profiles used and where they are used.

# NETOFFEN FABRIC BIOCLIMATIC SYSTEM



The carrier frame system of the **Netoffen** pergola system is designed with a similar infrastructure to the bioclimatic system, and as a result, a larger shading area can be provided with only four carrier pillars.



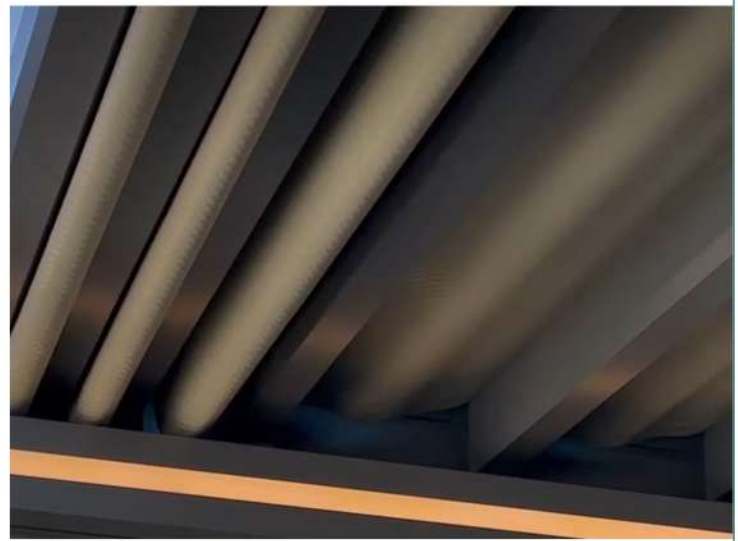
Thanks to the bioclimatic-based frame system design, you can now easily mount our **Netoffen** product in any area you want without the need for any slope. Since the product has a **cubic design**, there is no need for a mandatory height difference between front and back height.



**Netoffen** offers a freer choice of dimensions compared to the roof area designed with aluminum panels.

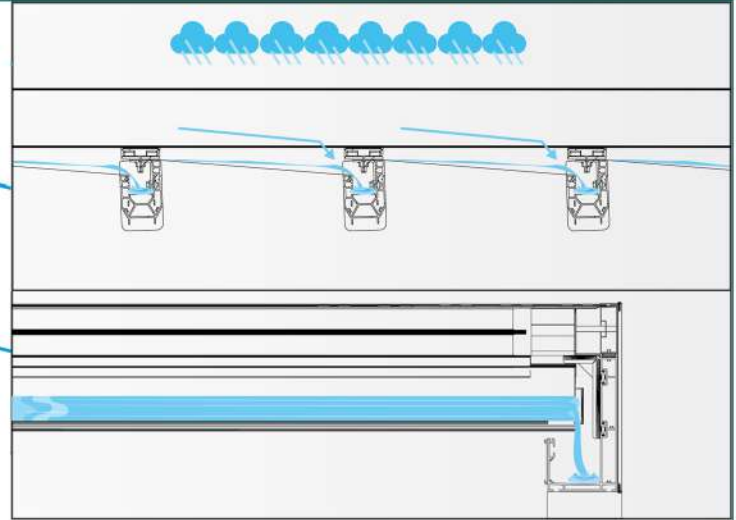


We take an innovative step in water drainage and offer you two new water drainage solutions. Due to the slope given to the fabric between the slats, water enters the drainage path without waiting on the roof.

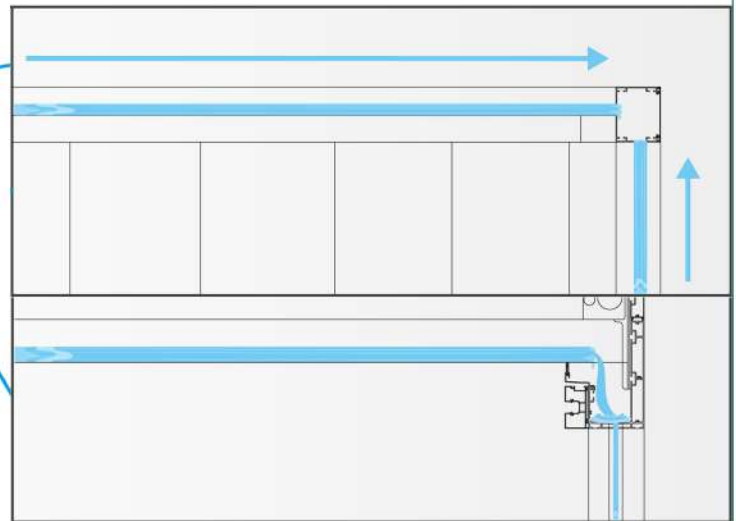


The disaster evacuation solution we added to the side covers activates in case of heavy rain and prevents overflow.

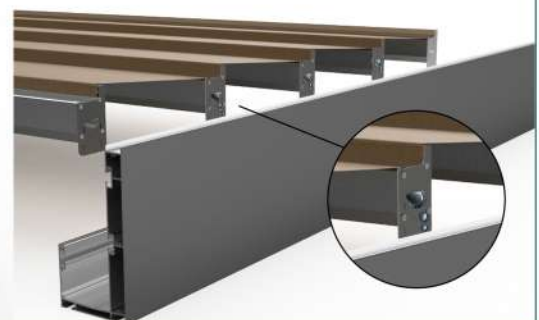
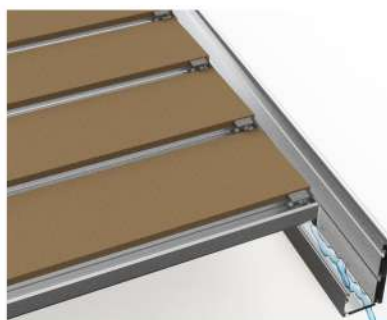
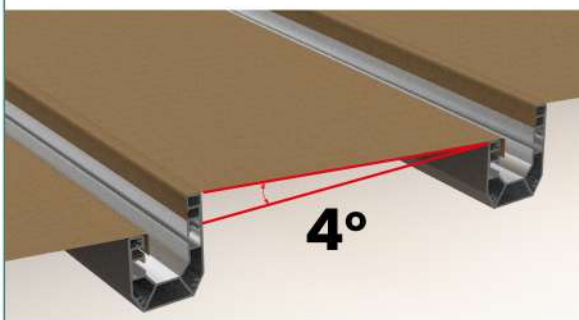
## DETAILS OF NETOFFEN



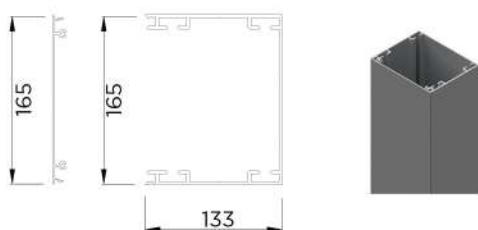
Due to the slope given to the fabric between the slats, rainwater accumulates on the slats. Rainwater accumulated on the slats flows sideways and collects in the side gutters.



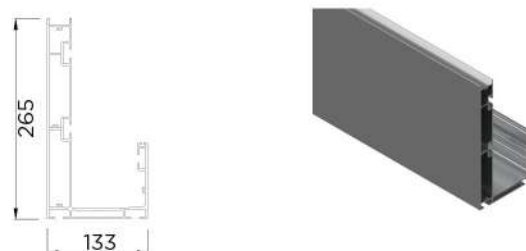
The water collected in the gutters flows towards the corners and heads towards the poles. The water collected on the poles flows downwards and is discharged directly from the water.



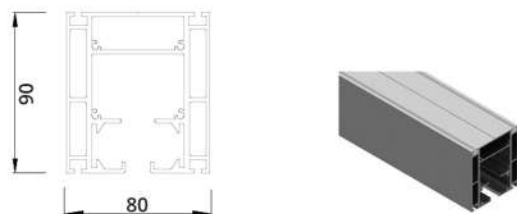
## PILLAR & COVER PROFILE



## GUTTER PROFILE



## RAIL PROFILE



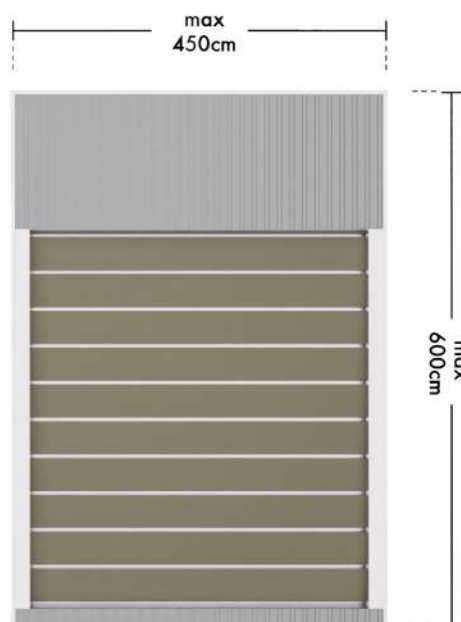
## FABRIC SUPPORT PROFILE



## TRAVERSE PROFILE



## GUTTER INSERT PROFILE



+27m<sup>2</sup>  
Living  
Space

**Offenhaus** offers **Netoffen** bioclimatic systems in **DIN6063** quality, depending on all profiles used and where they are used.



## Lighting Types

LED Single Ambient  
LED Multi Ambient  
LED RGB Ambient  
LED Downlight  
Panel Downlight

## LED Single Ambient

### Plan view



Led  
Linear

3000 K

3000 K

3000 K

## LED Multi Ambient

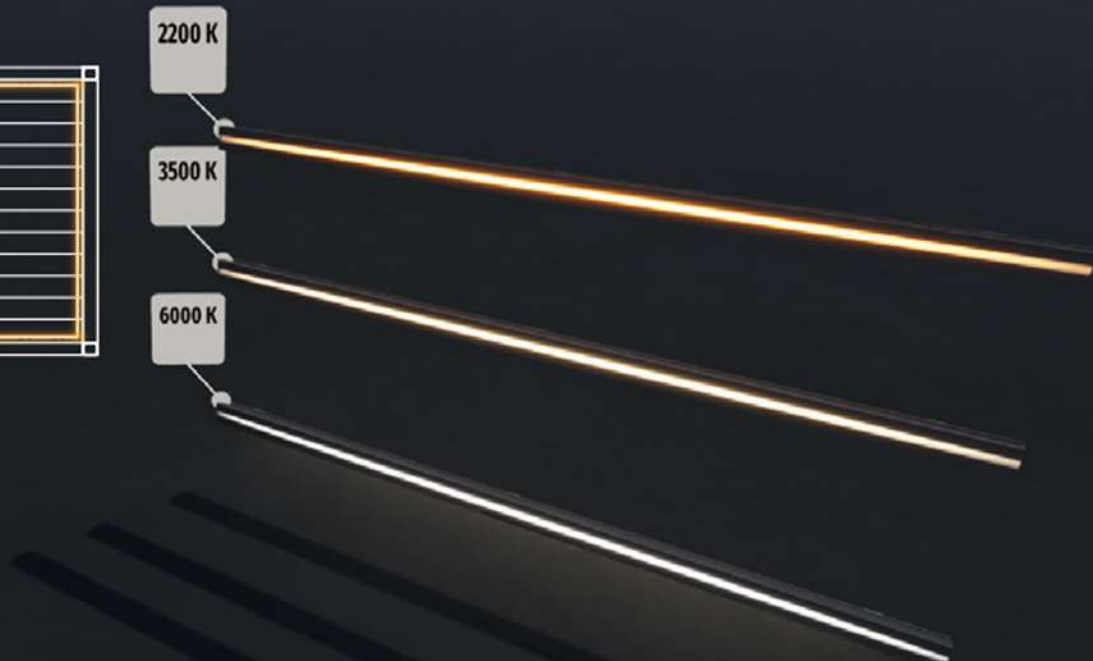
Plan view



2200 K

3500 K

6000 K



## LED RGB Ambient

Plan view



RED

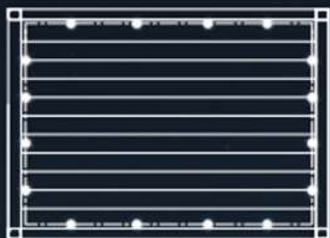
GREEN

BLUE



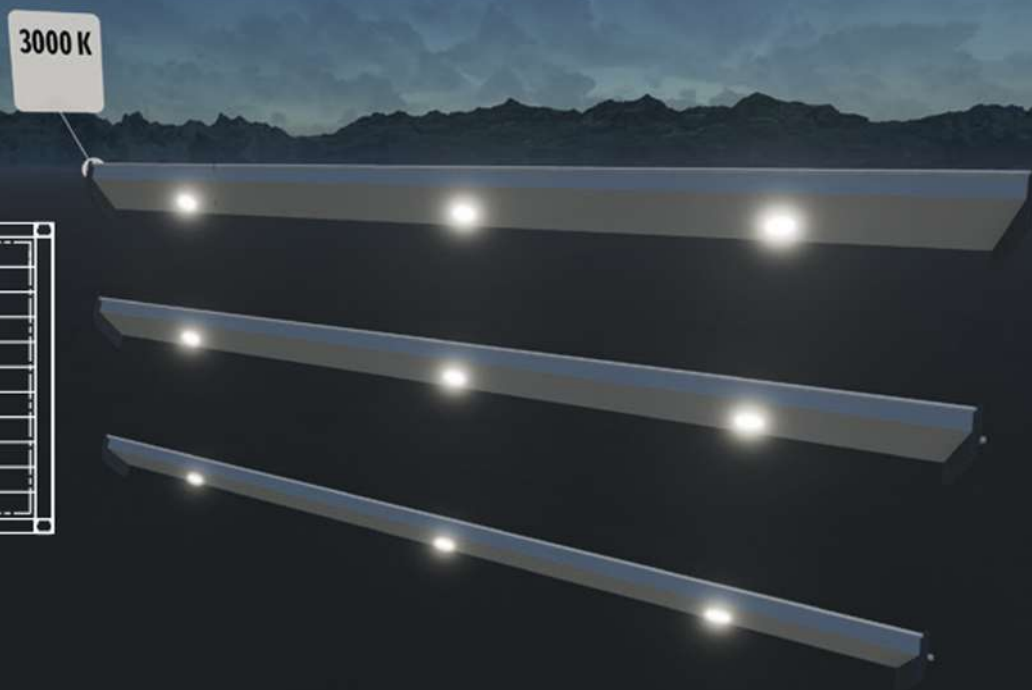
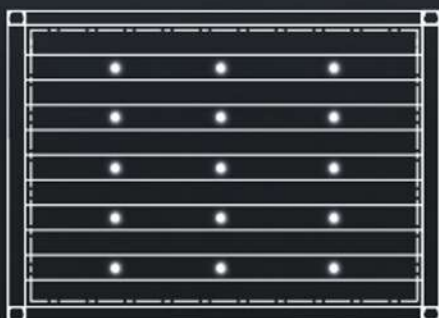
# LED Downlight

Plan view



# Panel Downlight

Plan view







**CLASSIC PERGOLA SYSTEMS**



## CLASSIC PERGOLA SYSTEMS



Your dream outdoor space is transformed with unique retractable fabric pergolas from **Offenhaus**. We offer a collection combining aesthetics and functionality that takes the outdoor experience to a **new level**.



**Offenhaus** pergolas turn your garden, terrace or any outdoor area that stands out with its beauty into a special place. Known for its elegant design, high-quality materials and durability, **Offenhaus** adds a **sophisticated touch** to your outdoor space.



Retractable fabric pergolas from **Offenhaus** provide you with shade and coolness, as well as protection from the harmful effects of sunlight. Lightweight and durable fabric material makes outdoor life more enjoyable in all seasons.



**Offenhaus** allows you to personalize your pergola by offering color and pattern options to suit every taste. Create a design that reflects the style of your home and make your outdoor space unique.



Our pergolas have a design that is easy to use and has minimal maintenance. With its strong structure, durability and resistance to weather conditions, your outdoor pleasure is just a click away.

## TYPES OF CLASSIC PERGOLAS

**ATLAS**



**THALASSA**



**JANUS**



**HERMES**



**MIMAS**



**TARVOS**



**CARME**



**KIRKE**



**HELENE**



**HEGEMONE**

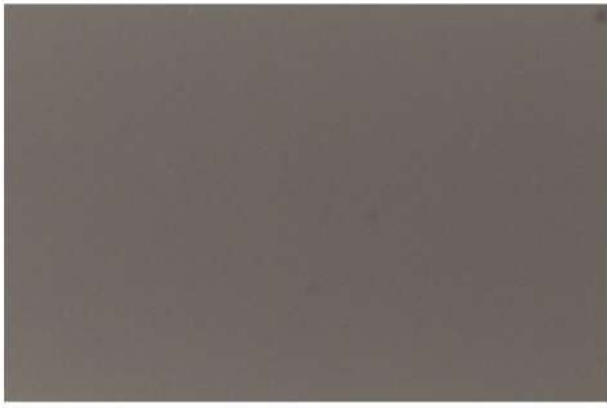


**ARCHE**





## CLASSIC PERGOLAS FABRIC OPTIONS



GREY 8100 - BASIC



WHITE 8200 - BASIC



CREAM 8300 - BASIC



WHITE 9100 - BASIC



CREAM 9200 - BASIC



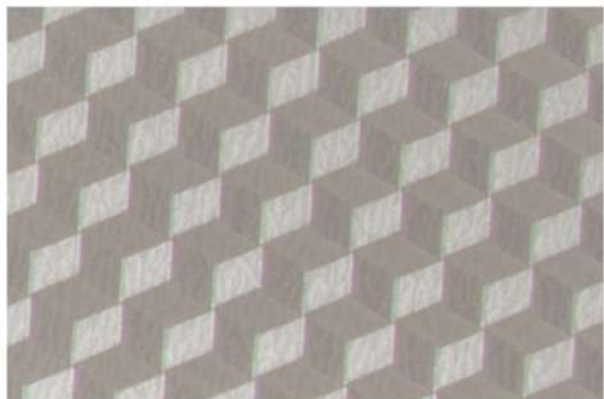
WHITE 1010 - 3D



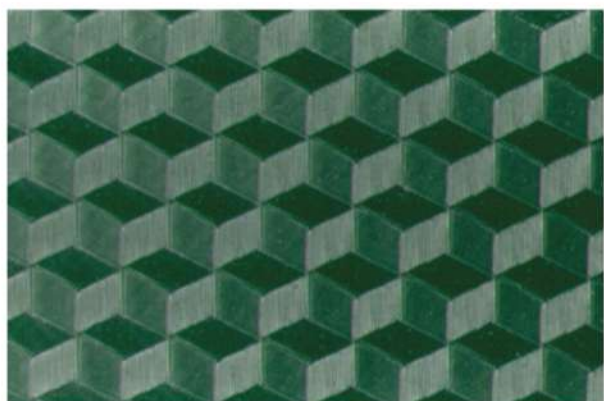
CREAM 2020 - 3D



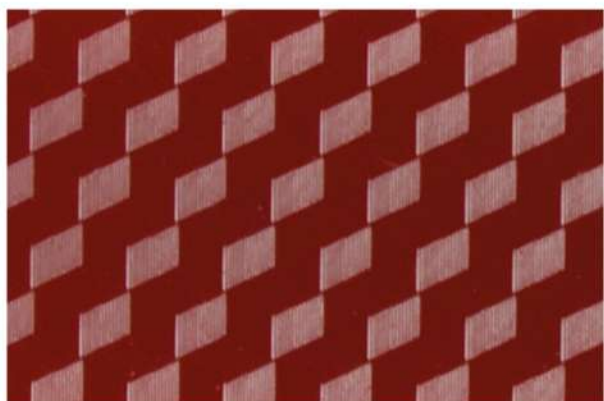
GREY 3030 - 3D



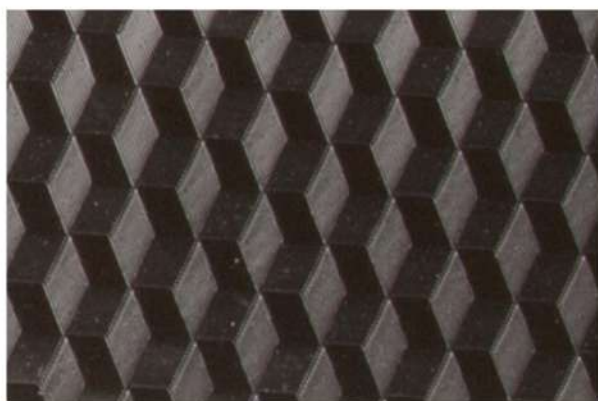
METALLIC 4040 - 3D



GREEN 5050 - 3D



CLARET RED 6060 - 3D



BLACK 7070 - 3D



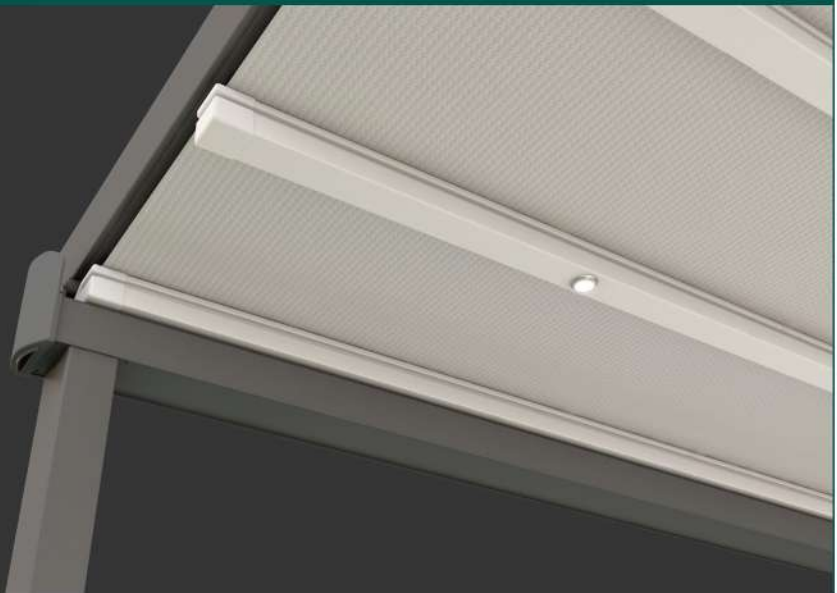
# CLASSIC PERGOLAS LIGHTING OPTIONS

## Type 1 Spot



Spot lighting in pergola systems is a method used to provide aesthetic appeal and functional lighting in outdoor spaces. These lighting fixtures are typically designed using high-efficiency LED light sources and strategically positioned on the pergola structure. Two color temperature models are available: white light and daylight. White light is typically used for activities such as reading or dining on the pergola, while daylight models are preferred for providing a more natural lighting experience. Both models are available in various sizes and shapes to complement the style and design of the pergola and are considered an ideal option for providing both aesthetic appeal and functional lighting.

Ability to control with remote control



## Type 2 Fluorescent



Pergola systems are often used as outdoor structures that provide a comfortable and enjoyable space for people, particularly during summer months. As such, adequate lighting is crucial for these structures. Lighting may offer an economical option for pergola systems. Fluorescent bulbs consume less energy and have a longer lifespan compared to other lighting options. Furthermore, fluorescent bulbs typically cost less than other lighting alternatives when mounted onto a pergola. Consequently, those seeking an economical lighting option for their pergolas may consider fluorescent lighting systems.

Ability to control with remote control



## Type 3 Lensed LED



LED lighting in pergola systems is a method used to provide aesthetic appeal and functional lighting in outdoor spaces. These lighting fixtures are typically designed using high-efficiency LED light sources and strategically positioned on the pergola structure. Two color temperature models are available: white light and daylight. White light is typically used for activities such as reading or dining on the pergola, while daylight models are preferred for providing a more natural lighting experience. Lensed LEDs are very preferred because they allow the light source to spread homogeneously over a wider area.

Ability to control with remote control



## Type4 Sectional Linear



The most important issue in architectural design is lighting. We see the light source as a part of the design. Concealed linear LED lighting in pergola systems is a method used to provide aesthetic appeal and functional lighting outdoors. These lighting fixtures are typically designed using high-efficiency LED light sources and are strategically positioned on the pergola structure. Two color temperature models are available: white light and daylight. While white light is generally used for activities such as reading and eating in the gazebo, daylight models are preferred to provide a more natural lighting experience.

With its hidden light, it is one of the most ideal options for your sensitivity to the contrast of your living spaces.

Ability to control with remote control



## Type5 Full Linear



It has wider illumination than other models. In addition to its success in ambient lighting, it adds an architectural style to your living spaces due to the intense light appearance on the aluminum profile.

This product has RGB LED. In addition to daylight and white options, you can change the ambient ambience as you wish with 8 different color options.

Ability to control with remote control



## Type6 Hidden Linear

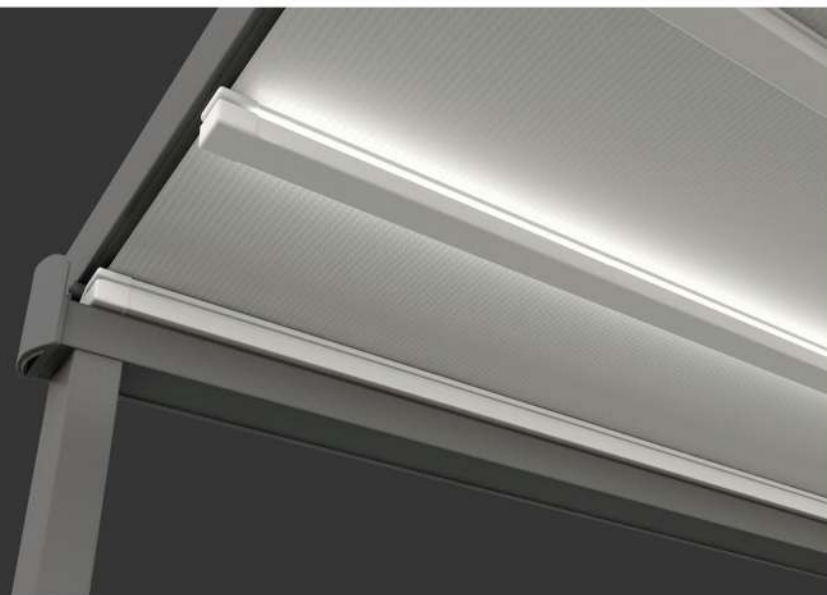


Full linear LED lighting in pergola systems is a method used to provide aesthetic appeal and functional lighting in outdoor spaces. These lighting fixtures are typically designed using high-efficiency LED light sources and are strategically positioned on the pergola structure.

It has wider illumination than other models. In addition to its success in ambient lighting, it adds an architectural style to your living spaces due to the intense light appearance on the aluminum profile.

This product has RGB LED. In addition to daylight and white options, you can change the ambient ambience as you wish with 8 different color options.

Ability to control with remote control





# Type7 Hidden Linear + Spot



Gain ambiance with hidden linear led and maximum efficiency with spot lighting!



Full linear LED lighting in pergola systems is a method used to provide aesthetic appeal and functional lighting in outdoor spaces. These lighting fixtures are typically designed using high-efficiency LED light sources and strategically positioned on the pergola structure.

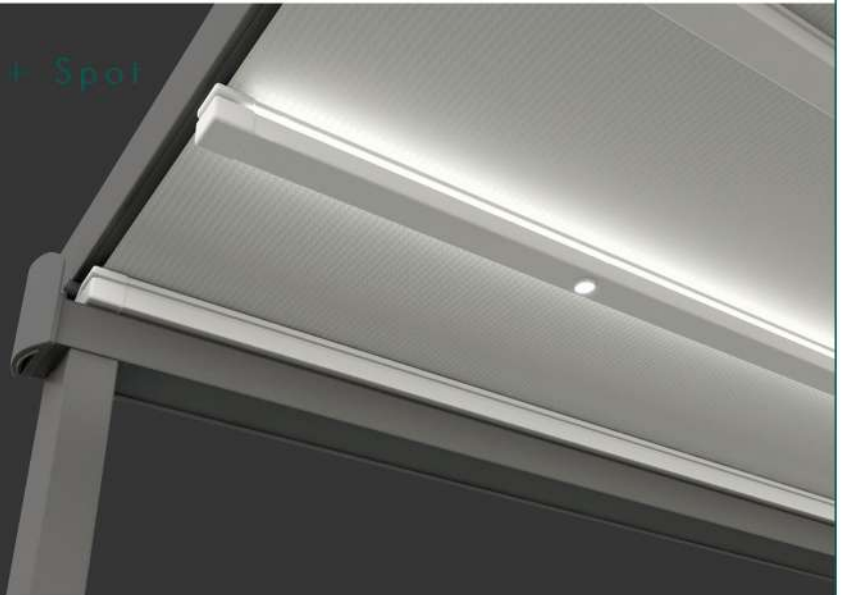
It has wider illumination than other models. In addition to its success in ambient lighting, it adds an architectural style to your living spaces due to the intense light appearance on the aluminum profile.



This product has RGB LED. In addition to daylight and white options, you can change the ambient ambiance as you wish with 8 different color options.



Ability to control with remote control.



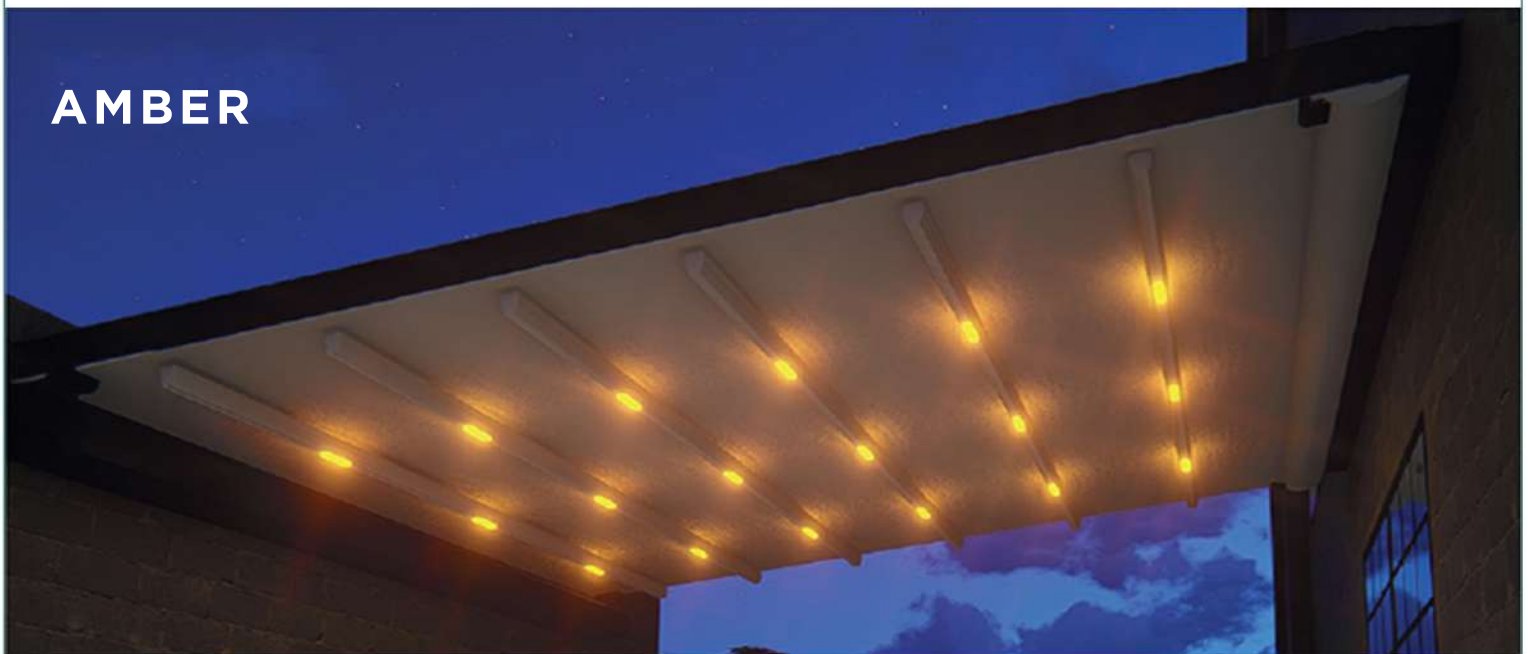
## Architectural Series

# CLASSIC PERGOLAS LIGHTING COLORS

DAY LIGHT



AMBER



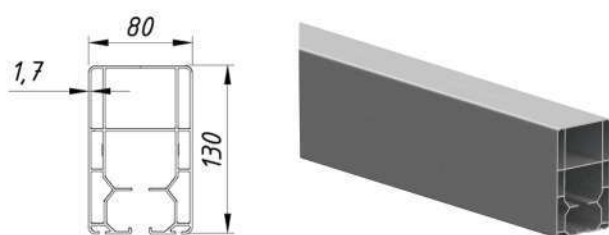
COOL WHITE



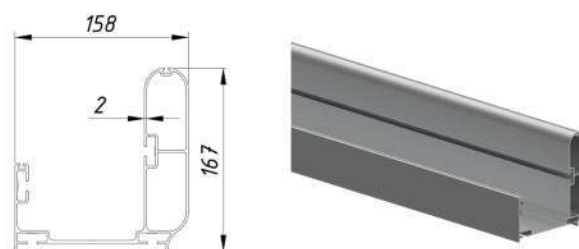


# DETAILS OF CLASSIC PERGOLAS

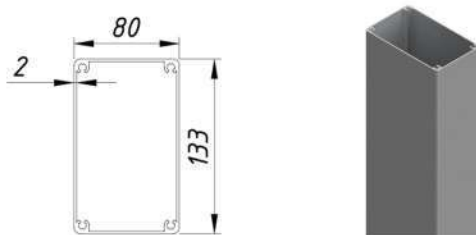
## STANDARD / PRO RAIL PROFILE



## STANDARD / PRO GUTTER PROFILE



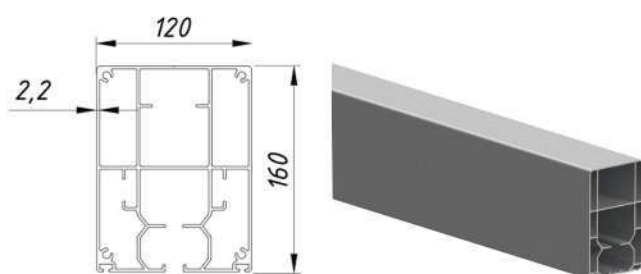
## STANDARD / PRO PILLAR PROFILE



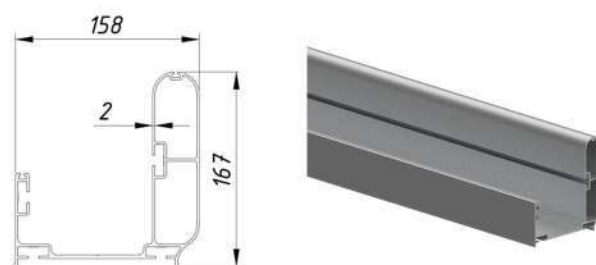
## STANDARD / PRO FABRIC SUPPORT PROFILE



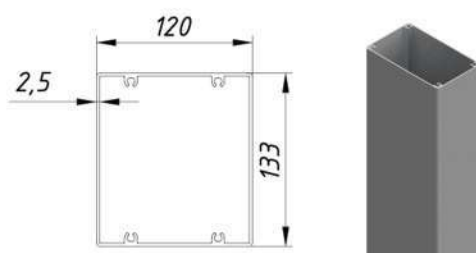
## PRO PLUS RAIL PROFILE



## PRO PLUS GUTTER PROFILE



## PRO PLUS PILLAR PROFILE



## PRO PLUS FABRIC SUPPORT PROFILE



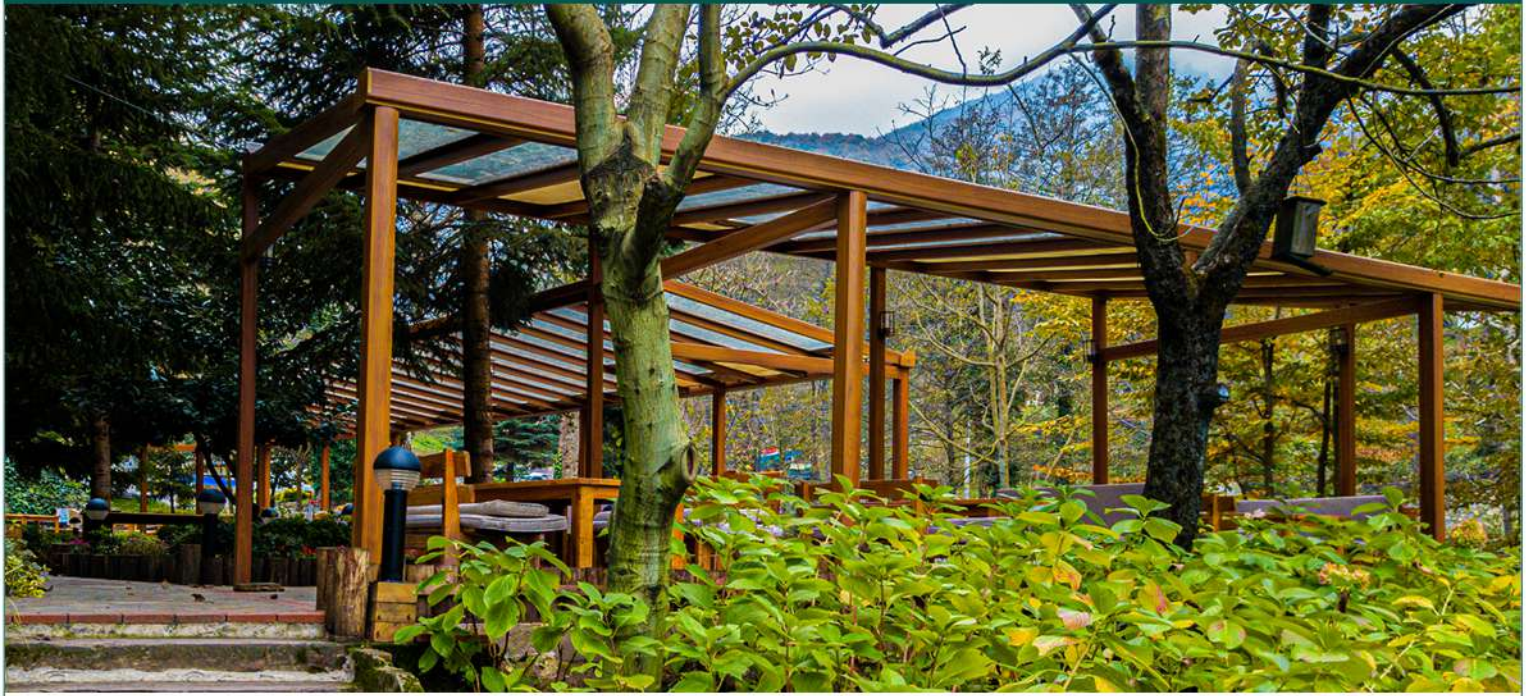
**Offenhaus** offers fabric retractable pergolas in **DIN6060**, **DIN6061** and **DIN6062** quality, depending on all profiles used and where they are used.



**WINTER GARDEN SYSTEMS**



# WINSUN WINTER GARDEN SYSTEM



**Winsun** winter gardens are a safe product that you can use easily in 4 seasons. If desired, **Winsun** can also be produced with a **glass ceiling** or **polycarbonate ceiling** panel. In this way, light and sun will always be with you.



**Winsun** integrates with the **Skylight** roof zip if desired and helps you create shaded areas. It allows the installation of all kinds of roofing materials between **10 mm** and **33 mm**. It collects water in a controlled manner with the gutter-pillar combination at the front and allows it to be thrown away.



Radius design on both front and rear profiles ensures the formation of the ceiling at the most appropriate angle according to your needs and liking.



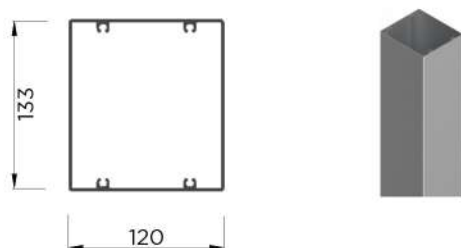
A stylish, simple and elegant use of space with completely hidden connection details offers you the pleasure. Thanks to its forward tilt, the system drains the water that falls on it in rainy weather.



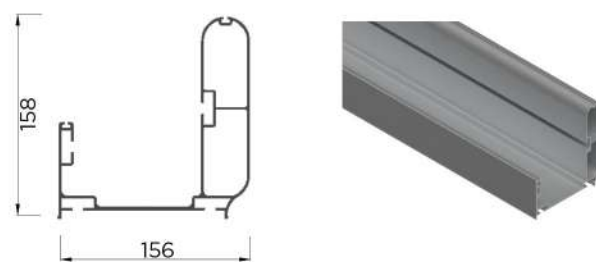
It is discharged to the profile and from there to the outside via the carrier poles at the front. The water on the glasses in the carrier profiles is designed to be directed to the front stream thanks to the slope.



## PILLAR PROFILE



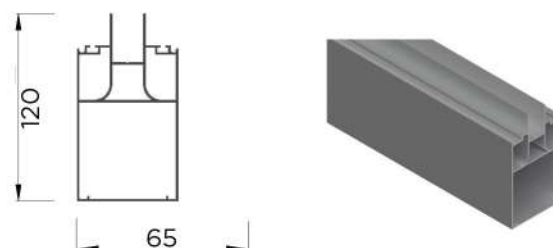
## GUTTER PROFILE



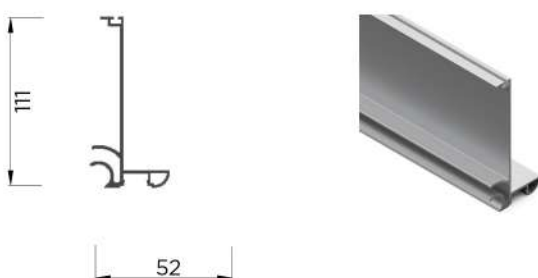
## WALL MOUNTING PROFILE



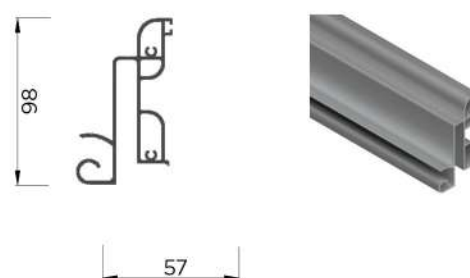
## GLASS CARRIER PROFILE



## CONNECTION PROFILE



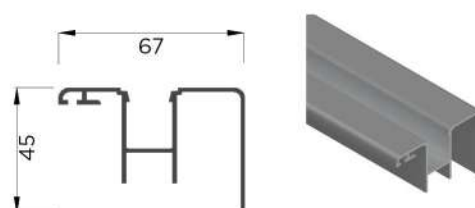
## CONNECTION PROFILE



## TRAVERSE PROFILE



## TRAVERSE PROFILE



## GUTTER UPPER PROFILE



**Offenhaus** offers **Winsun** winter gardens in **DIN6060**, **DIN6061** and **DIN6062** quality, depending on all profiles used and where they are used.



**OFFENHAUS GLASS SYSTEMS**



# FENSTERLASS GUILLOTINE GLASS SYSTEM



**Fensterlass** is a first class product designed to be used with confidence and comfort in all four seasons. **Fensterlass** offers the possibility of use where horizontal glasses are collected vertically downwards, and they can be closed completely when desired.



**Fensterlass** consists of three framed guillotine glass systems. The mechanism that provides the assembly movement consists of a chain carrying the upper glass mounted with a gear wheel on the steel motor tubing and a custom made weight balancing attachment mounted on the front of the chain.



**Fensterlass** consists of moving glass systems surrounded by glass frames made of aluminum, which are mounted on an aluminum construction carrier frame modularly.



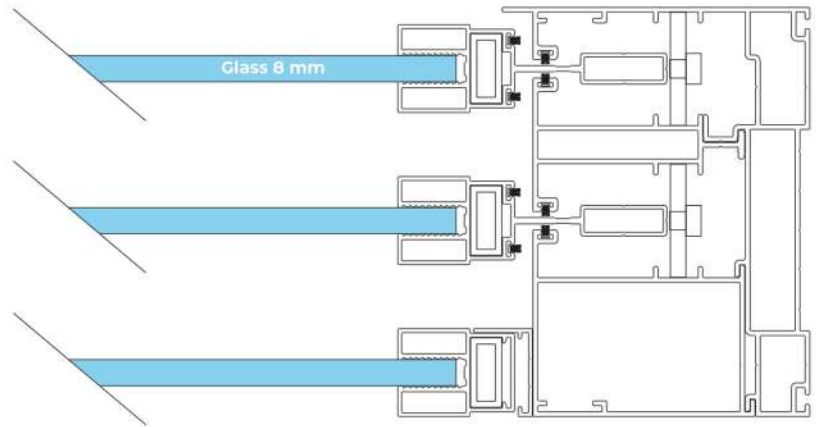
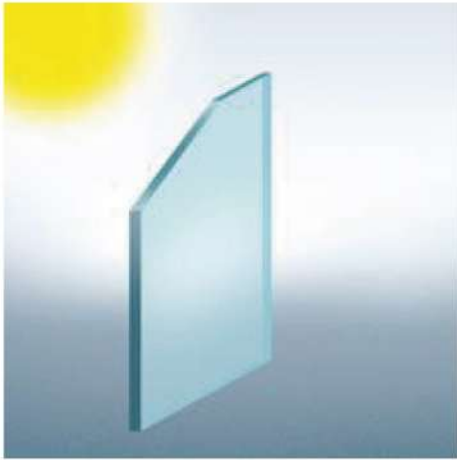
The chain system, which provides the movement, has a feature that can lock itself when it is stationary, according to the engine operating principle, despite possible safety situations. In addition, the weight balancers on the front of the chains provide manual support for similar situations.



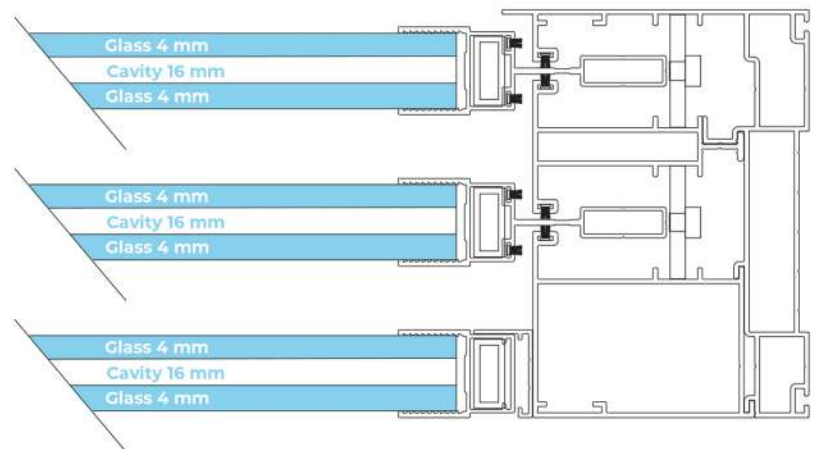
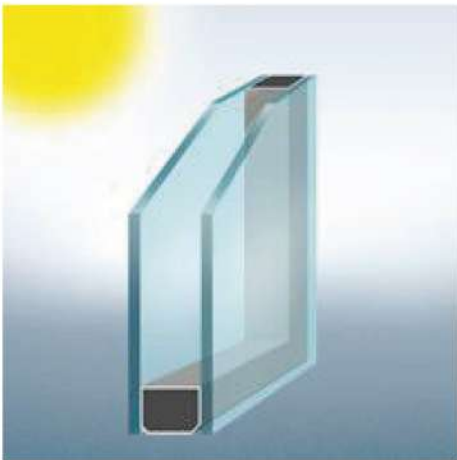
Various types of heat and UV protected special rubber gaskets and brush insulation wicks are used in all **Fensterlass** and structure combinations.



# TYPES OF FENSTERGLASS



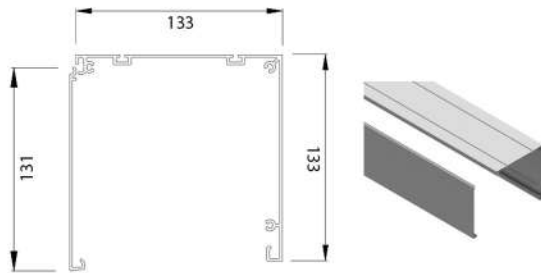
## Fensterlass 08 - Single Glass



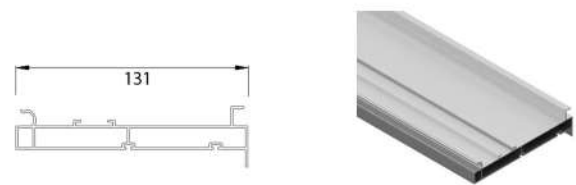
## Fensterlass 24 - Double Glass

Depending on the location, you can choose a weatherproof glass design.

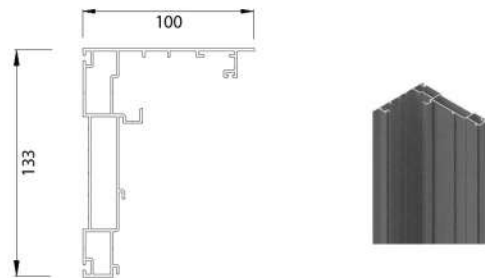
## TOP MOTOR BOX



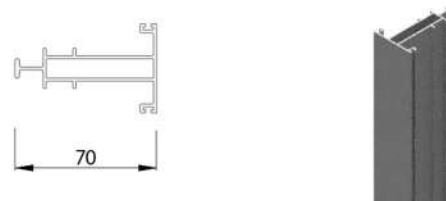
## MOTOR BOX BOTTOM PROFILE



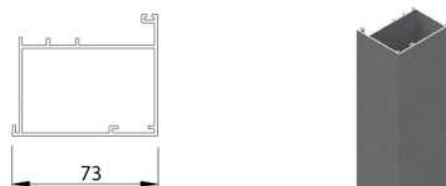
## FRAME BACK PROFILE



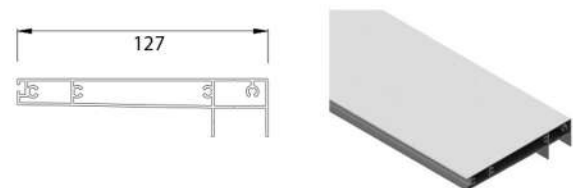
## FRAME MIDDLE PROFILE



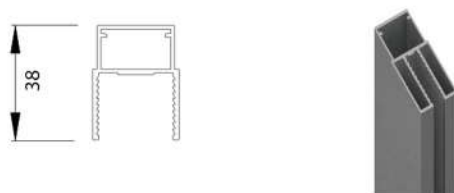
## FRAME FRONT PROFILE



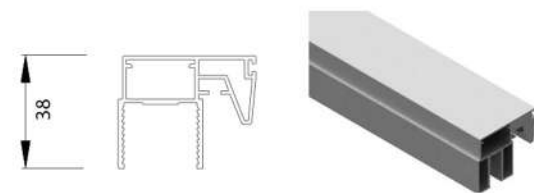
## BULWARK PROFILE



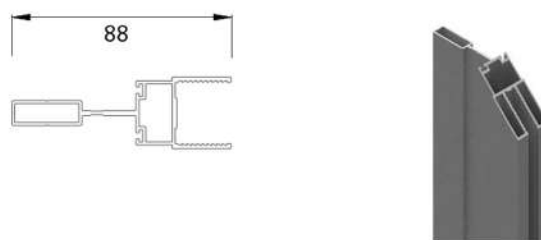
## 3 GLASS FRAME PROFILE



## GLASS TOP FRAME



## 1&2 GLASS FRAME PROFILE



**Offenhaus** offers **Fensterlass** guillotine glass systems in **DIN6060**, **DIN6061** and **DIN6062** quality, depending on all profiles used and where they are used.



## VEGA SLIDING GLASS SYSTEM



**Vega** sliding glass systems (**8-10-18 mm**) are reliable systems that will serve you for many years depending on your intended use and budget. Whether in commercial areas such as restaurants, cafes, bars; it makes a difference if you want a functional and very stylish design in your home.



**Vega** glass system has a horizontal axis, manually controlled glass system. Our **Vega** sliding systems are specially designed to be used in our pergola products and are complementary in terms of both design and functionality.



However, with its flexible and adaptable structure, you can safely apply it in any area you need. Specially designed rail systems enable easily movement for the opening and closing directions.



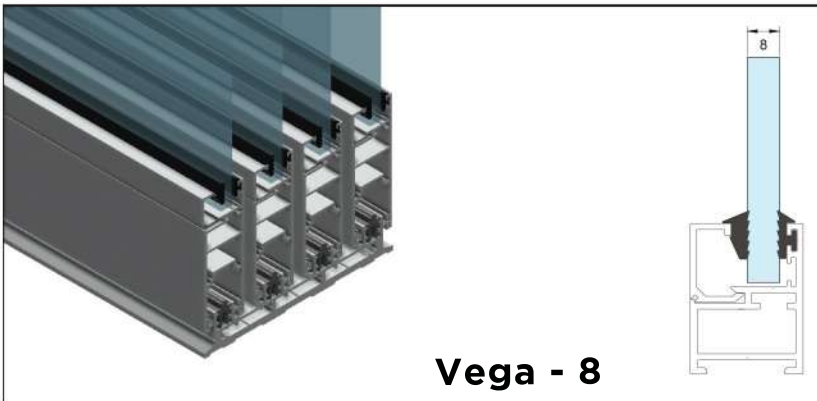
The system is installed on the rail profiles located in the top and bottom sections of the glass produced as minimum 2, maximum 4 wings for the single side movement and minimum 4, maximum 8 wings for the double side movement system. The system offers **two types** of standard handle options: **espagnolette lock** and **hook mortise lock**.



A water drainage channel is opened with special blades on the rail profile. Water leaking into the system is thrown out with the help of drain holes.

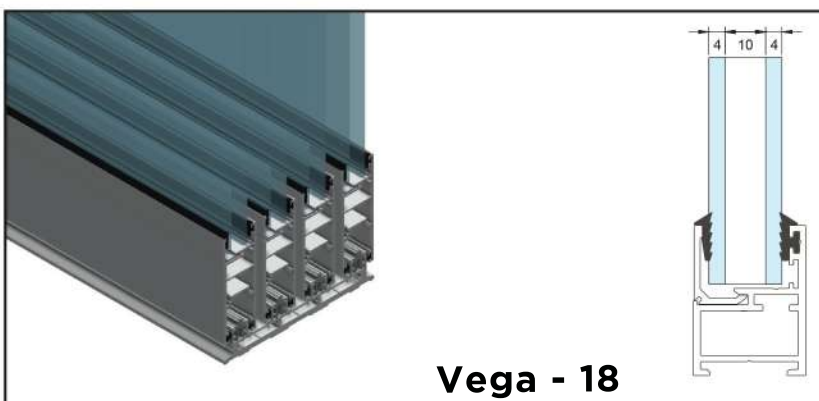
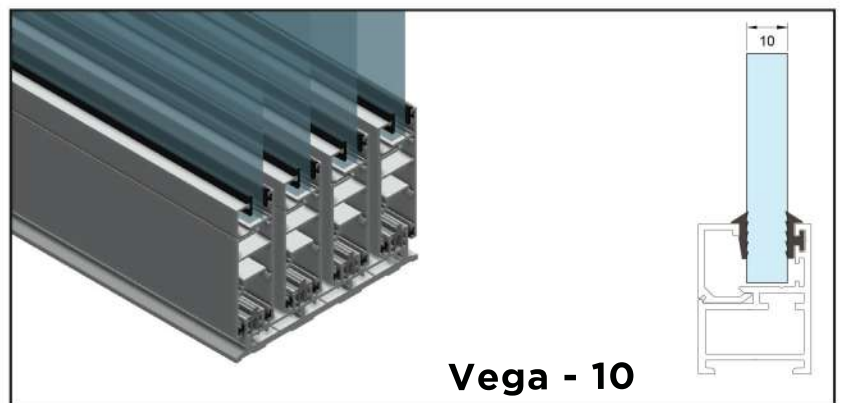


## TYPES OF VEGA



Provides ease of movement thanks to specially designed rails in the opening and closing directions of the glass panels.

With special water drainage design on the rails, or water does not accumulate inside. Water in the system flows outwards.



With the 18 mm double glass choice our Vega system is the perfect solution against different weather conditions.

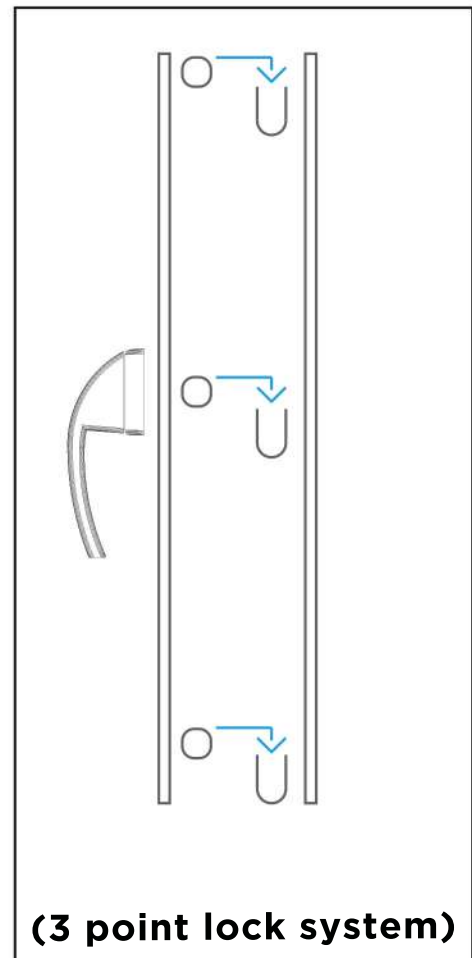


### **Specially Designed Rail Profile**

Quickly opening and closing, easy movement that does not require much power.



### **Elegant Designed Door Handle**



### **Espagnolette Lock**

You can apply one of the lock systems on which side you want.



# CAPELLA FRAMELESS SLIDING GLASS SYSTEM



**Capella** sliding system is a **frameless** glass system, it provides a more open view. Whether it is in commercial areas such as restaurants, cafes, bars; if you want a functional and very stylish design in your home makes a difference.



With the addition of plastic stoppers, it minimizes swaying in windy weather.



Specially designed rail systems enable easily movement for the opening and closing directions.



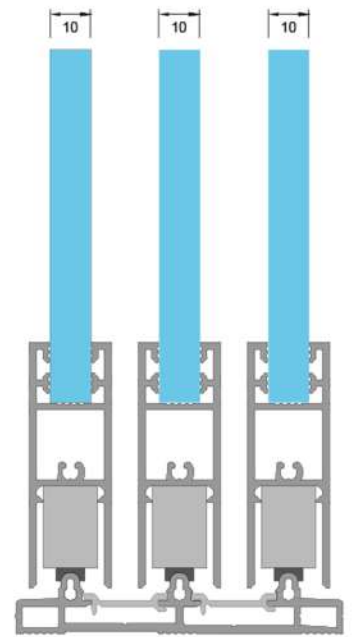
The system is mounted on rail profiles at the top and bottom of the glass, which is produced with a minimum of 3 and a maximum of 4 wings for single side movement. The minimally designed locking system on the first and last wings provides maximum security to your system.



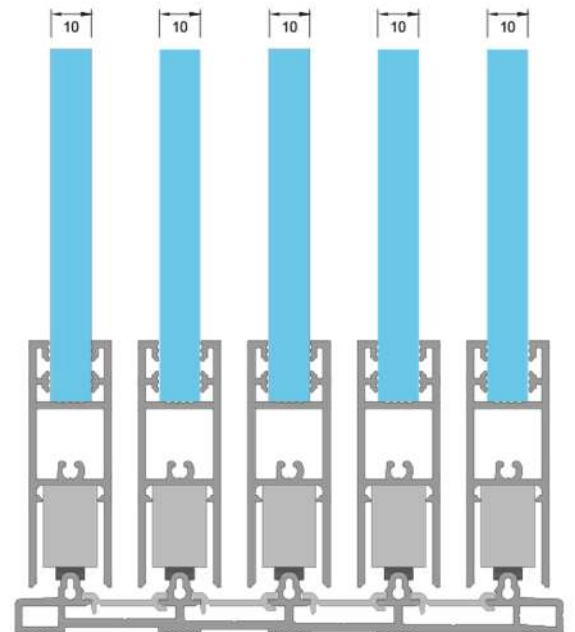
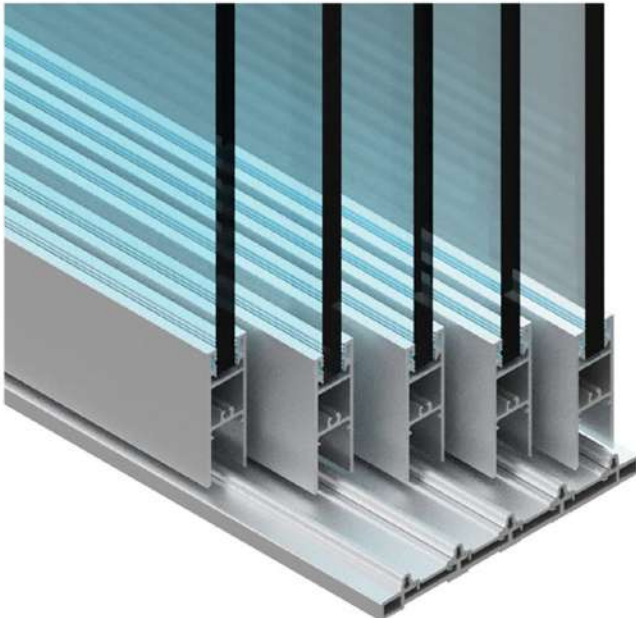
With its flexible and adaptable structure, you can safely apply it in any area you need.



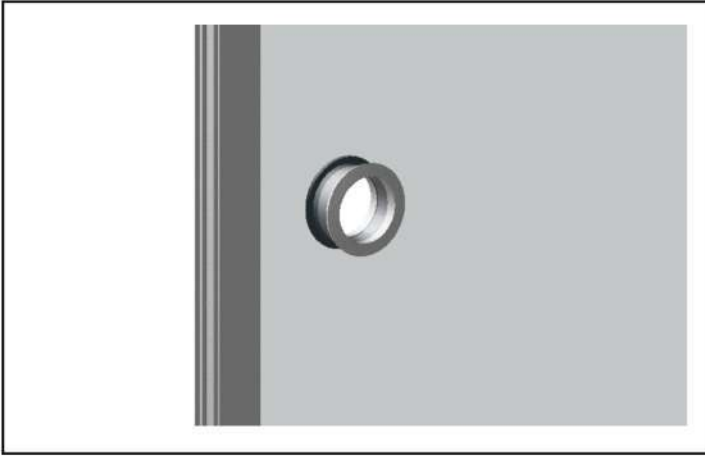
# TYPES OF CAPELLA



**3 Rails System**



**5 Rails System**

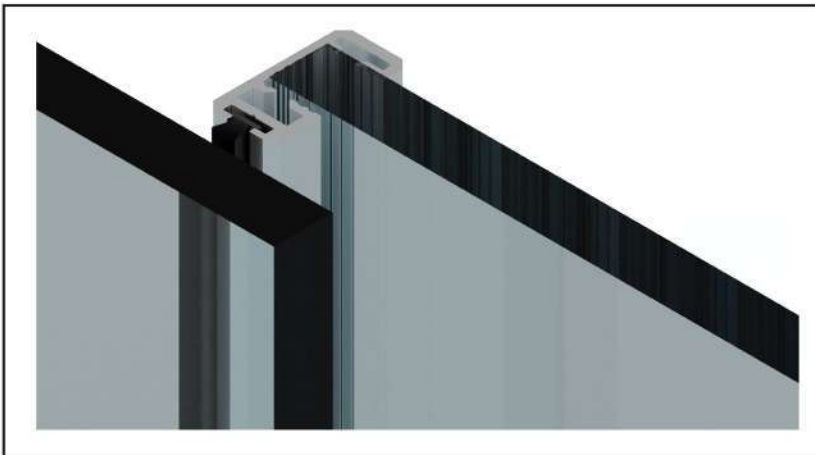
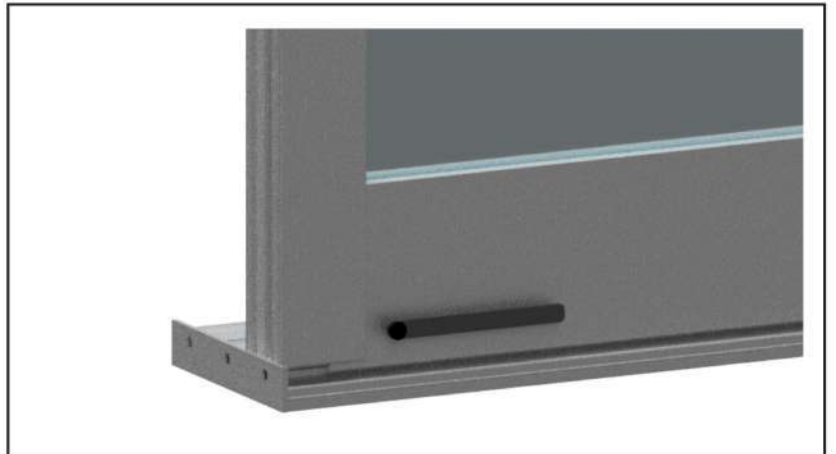


## Minimal Door Handle

Even minimal designed door handle do not close your view.

## Bottom Lock

We use bottom locking system to the **Capella** Frameless Sliding Glass System.

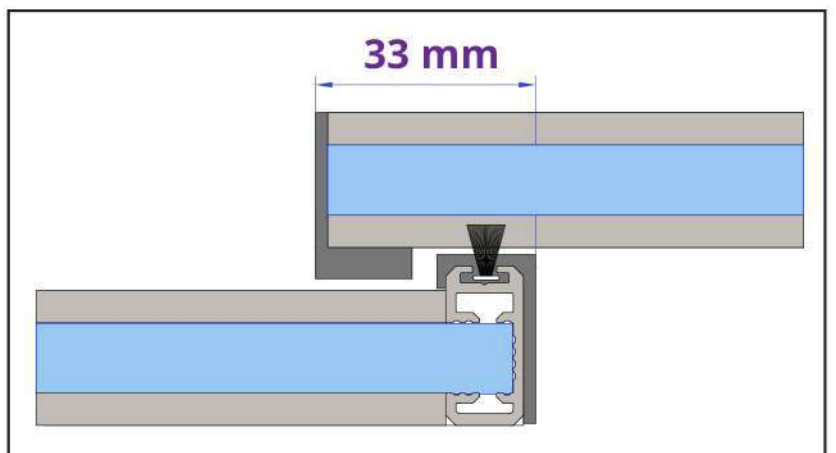


## More Open View

With the 33mm middle glass connection points **Capella** provides more open view.

## Connection Points

Non Visible thin connection points.





## LEDA BI-FOLD GLASS SYSTEM



**Leda** is a bi-folding glass system. The wide range of accessories provides versatility in realizing all solutions. Stylish design with standard, recessed or low threshold – comfort and performance are offered in the same system. It provides both **inward** and **outward** opening with its double folding feature.



Thanks to the bearing system that works on the bottom rail and transfers the load to the frame, **7 consecutive wings** can be made with a maximum load of up to **120 kg** per wing in sizes that can reach a height of **3.50 m**. **Leda**, one of the **Offenhaus** systems with wide opening feature, offers a span of **10 meters** with **7 wings** and stands out in its segment with its wing weight of **120 kg**.

The system has high water sealing performance. It is preferred in high buildings. **(600Pa)**



**Leda** is a complete system with a full range of folding system accessories that meet all requirements. It offers improved thermal insulation solutions for maximum comfort and performance. The system can be easily preferred also in cold countries with its high thermal insulation performance ( $U_w: 1,2 \text{ W/ m}^2\text{K}$  -  $U_f : 2,12 / \text{m}^2\text{K}$ ).



With **45 degree** and **90 degree** corner connections, the detail in the frame offers both application alternatives and different decorative options. It allows the use of glass thicknesses from **28mm** to **50mm**.

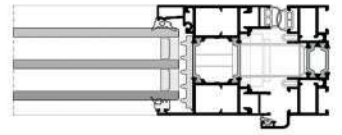
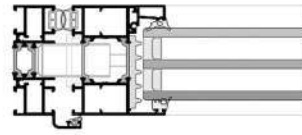
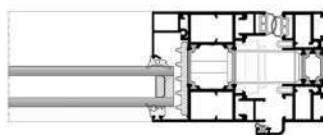
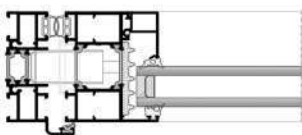


# DETAILS OF LEDA



<b>FRAME DEPTH</b>	77 mm
<b>VENT DEPTH</b>	77 mm
<b>VENT WIDTH</b>	65 mm
<b>GLASS THICKNESS</b>	28-50 mm TRIPLE GLASS
<b>THERMAL BARRIER</b>	FRAME:24 mm VENT:32 mm
<b>MAX. VENT HEIGHT</b>	3,5 mm
<b>MAX. NUMBER OF VENTS</b>	7
<b>MAX. VENT WEIGHT</b>	120 kg

<b>VISIBLE ALU. WIDTH</b>	142 mm
<b>THERMAL TRANSMITTANCE</b>	Uw: 1.26 w/m2K
<b>VENT AIRTIGHTNESS</b>	600 Pa
<b>WATER TIGHTNESS</b>	600 Pa
<b>WIND RESISTANCE</b>	1600 Pa
<b>SECURITY</b>	RC2



- \* System provides standard, low-threshold and embedded threshold options.
- \* Roller hinges perform at the bottom, in the lower frame.
- \* Provides both inward and outward opening.
- \* Corner joints accessories with buttons are used for vent and frame corner connection.
- \* There is a 24 mm thermal barrier in the frame and a 32 mm barrier in the vent.
- \* Double glazing and triple glazing can be used.

## SCADA LIFT & SLIDE GLASS SYSTEM



**Scada** lift-and-slide glass systems are high-performance and insulated sliding glass joinery systems. It has different usage options with lift-slide and simple slide alternatives. It has a 116 mm case and 52 mm wing depth. Thickness of the profile is 1.8/2 mm.



It provides high performance values with the availability of Lift-Slide mechanism. Monorail, double rail and triple rail chassis options are available. It offers a reinforced profile option that allows high wing feasibility with threshold and fly screen solutions.



It can be used in sliding, door and window applications of projects such as hotels, business centers, residences, private residences and shopping malls.

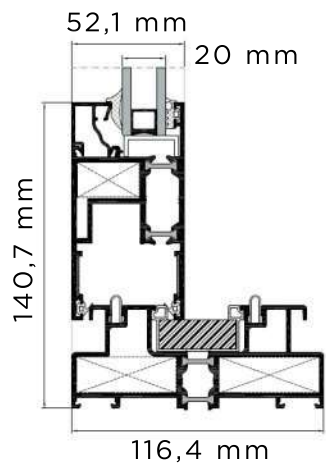


**Scada** systems allow opening large glass surfaces. In this way, it is possible to receive natural light even when it is closed. These systems are produced using high quality glass and aluminum profiles. In this way, these systems provide high levels of energy savings.



**Scada** lift and slide systems provide high sound insulation. This feature is especially important for those living in noisy areas. **Scada** systems have a modern and stylish appearance. For this reason, many architects and interior designers prefer these systems.

# DETAILS OF SCADA



## TECHNICAL PROPERTIES

FRAME DEPTH	116,4 mm
VENT DEPTH	52,1 mm
GLASS THICKNESS	5-33 mm
PROFILE WALL THICKNESS	1,6 / 1,8 / 2 mm
THERMAL BARRIER	14,8 mm

## APPLICATION ALTERNATIVES

	DOOR	WINDOW
LIFT & SLIDE	X	X
SLIDING	X	X
45 VENT COMBINATION	X	X
MONO RAILED FRAME	X	X
THREE RAILED FRAME	X	X
FIXED FRAME	X	X
VENT WITH GLAZING BEAD	X	X





## C-60 FIXED GLASS SYSTEM



**C-60 Fixed** glass is our product sold as a series without insulation. Its difference from the **Vega Triangular Fixed** glass system is that the **C-60 Fixed** system is **thicker**. **C-60 Fixed** glass can be produced in **8 mm**, **10 mm** and **20 mm**.



Necessary insulation is provided by using **Internal** and **External** glass wicks. Additionally, **C-60 Fixed** glass system provide up to four layers of thermal insulation, depending on the type of Vega used. Our company offers long-lasting and durable **C-60 Fixed** glass systems for your use for many years.



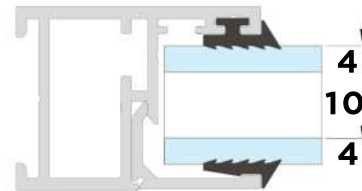
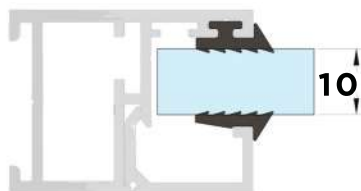
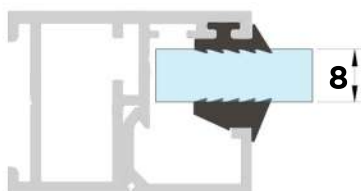
# VEGA TRIANGULAR FIXED GLASS SYSTEM



**Vega Triangular Fixed** glass is a system designed and integrated according to the visible triangular part of the pergola. **Vega Triangular Fixed** glass system can be produced in **8 mm**, **10 mm** and **18 mm** thicknesses.



It is a system that you can easily assemble by providing the necessary insulation with wicks and gaskets. Your pergolas will now be more spectacular with their slim and stylish design.





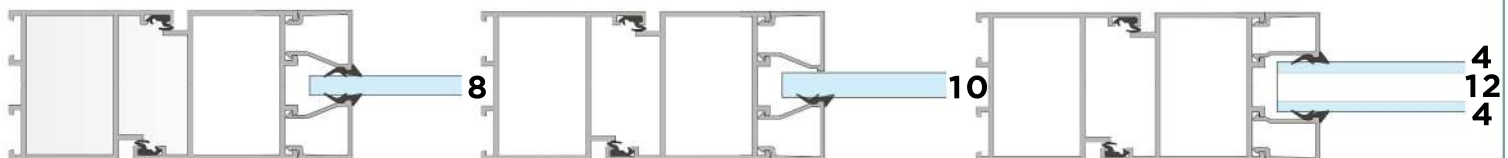
# CASDOOR GLASS DOOR SYSTEM



**Casdoor** door systems offered by **Offenhaus** are produced in **8 mm**, **10 mm** and **20 mm**. **Casdoor** is produced in series without insulation and the necessary insulation is provided with wicks and gaskets. Produced as **single** and **double** doors, **Casdoor** uses the proven **Santos** brand locking system in Europe.



It stands out with its stylish and flashy accessories. It is a long-lasting product because it is made of a material with high resistance to external factors. It can be produced in different sizes according to the characteristics of the place.





**ALBERT GENAU GLASS SYSTEMS**



## SLIDE MASTER SLIDING GLASS SYSTEM



Double glazed sliding glass balcony **Slide Master** raises the standards of sliding glass balcony systems. Sliding glass balcony systems were examined and renewed in terms of insulation, comfort and aesthetics. It transforms your balconies, winter gardens and restaurants into unique living spaces.



**Slide Master** can be used with both **double glazing** and **single glazing**. It eliminates the insulation disadvantage in sliding systems and makes the corners open. It differs from other products with its comfortable movement thanks to its **Albert Genau** patented carrier wheels that allow 1.5 meter panels and its own special locking system.



**Slide Master** uses Speed-HD wheels with a panel carrying capacity of 150 kg, stainless bearings, distance ratios and solutions that adapt to the situation on the track, patented by **Albert Genau**. **All wings move, open and close** smoothly with minimal changes and noise.



In order to maximize the insulation in the system, insulation brushes are used at the vertical joints of the glass panels, at the ends of the walls and in all working spaces between the rail and the panel, and the system has the **maximum insulation level**.



Thanks to the wing strut profiles designed for L- and U- shaped spaces, the system can be used without any problems and balconies can be made open without using fixed corner connection profiles.



Three different glass types can be used in the system: **4+12+4 mm** double glazing, **8 mm** and **10 mm**. Glass selection is made according to the desired insulation level in the system or the location where the system will be applied.



Thanks to its special design, **Slide Master** allows making any number of rails from 1+1 rails. The number of panels you want can be reached and the minimum and maximum openings can be closed and opened with the desired flexibility.



The system allows a wing structure up to 1.5 meters wide that does not obstruct the panoramic view. These wide wings can be opened and closed easily thanks to the advanced wheel assembly.



If desired, curtains, fly screens or shutters can be attached to the outermost rail of the system. In this way, you can control the sun and flies in a very elegant way.



The rail bearing profile integrated into the system serves as a water trough on the bottom and inside, while it acts as a dropper on the outside and top. Thanks to the dropper, the least amount of water comes into the system, and the water that may enter is collected in the water discharge profile and thrown out through the discharge holes opened.



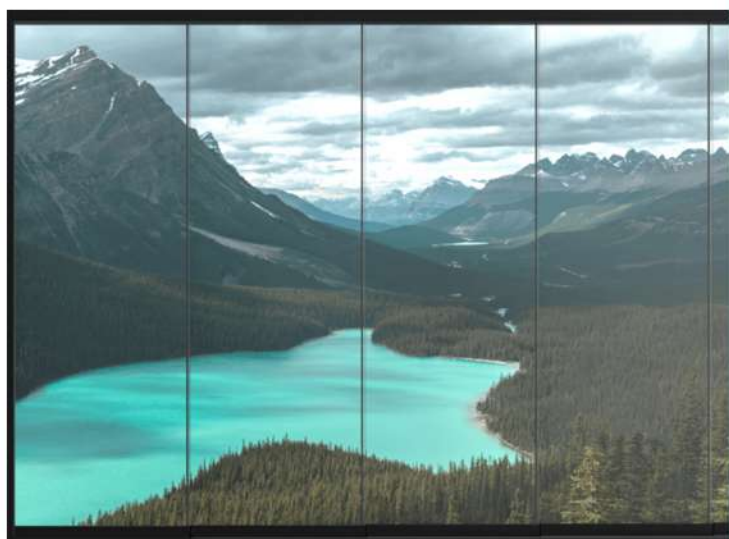
**Slide Master** can be used both with and without threshold. It provides flexible solutions for **restaurants, cafes, winter gardens** and **balconies**.



## SLIDER NEXT FRAMELESS SLIDING GLASS SYSTEM



A new era begins in sliding glass balcony systems with **Slider Next**. This time, isolation, security and panoramic view come together! The new generation **Slider Next** sliding system provides you with maximum panoramic view with the glass-to-glass joint solution developed.



Unlike other sliding systems, **Slider Next** has a design in which all panels can move independently of each other. Therefore, all glasses are cleaned 100% easily and without overlapping problems. Thanks to the designed hidden brush and gasket technology, the wings move easily and all that remains is to listen to the silence!



There are 5 different lock systems designed for **Slider Next** in order to produce effective security solutions: **Pool**, **Plug-in**, **Barelli**, **Espagnolette** and **Hook** locks.



Thanks to specially designed telescopic locked profiles, differences that may occur at the application site can be tolerated from 10 mm to 20 mm. **Slider Next** provides you with a wide field of view with its special design that allows up to **1500 mm** width and **3100 mm** height.



Since the glass thickness may vary depending on the insulation degree of the area to be applied, the **Slider Next** family gives you the opportunity to design more than one system with the same profile.



Options are available with or without threshold, with 8/10mm glass, with or without slats, and **8 different systems** can be produced with the same profile.



The glass thickness may vary depending on the insulation degree of the area to be applied, and the height of the area where the system will be applied may also vary. **Slider Next** offers different threshold heights according to the needs of the area where the system will be used (restaurant, cafe, winter garden, balcony, etc.).



**Slider Next** provides quick and easy installation thanks to the boxes in which all accessories are shipped together.



## TIARA FOLDING GLASS SYSTEM



Insulated Glass Balcony **Tiara Twinmax** can provide **5.1 times more insulation** than single glass, depending on the Insulating Glass feature used in the system. This is the highest thermal insulation achieved in a glass balcony. Your balcony will be cool in summer and warm in winter.



**Tiara Twinmax** double glass balcony provides the highest air, water, wind and sound insulation in its class. Rainy and cold days are now behind us. Create your space without the need for corner profiles with **Tiara Twinmax** double glass balcony! Whether on a balcony, as a partition or as a partition apply under pergola! You are free now!



In order to maximize the insulation in our glass balcony system, a special vertical connection profile has been designed with an insulation brush, EPDM gasket and magnetic sealed bearings at the joints of the glass panels. Any one, any two or three of these can be used together with **Tiara Twinmax**, depending on the desired insulation level in the double glazed glass balcony.



The cosmetic and efficient water drainage system, provided by the hidden steam channel on the carrier case profile, is also a **Tiara** feature.



Thanks to the condensation channel, it prevents direct air entry from the outside environment as well as rapid evacuation.



**Albert Genau** patented child safety lock can be integrated into the hinged panels of the glass balcony system. As long as this lock is closed, your child is safe.



**Tiara Twinmax** uses 4 pcs 100% stainless wheels with a diameter of 38 mm, coated with special engineering plastic on the panel. All wings of the glass balcony move, open and close easily with minimum friction and sound.



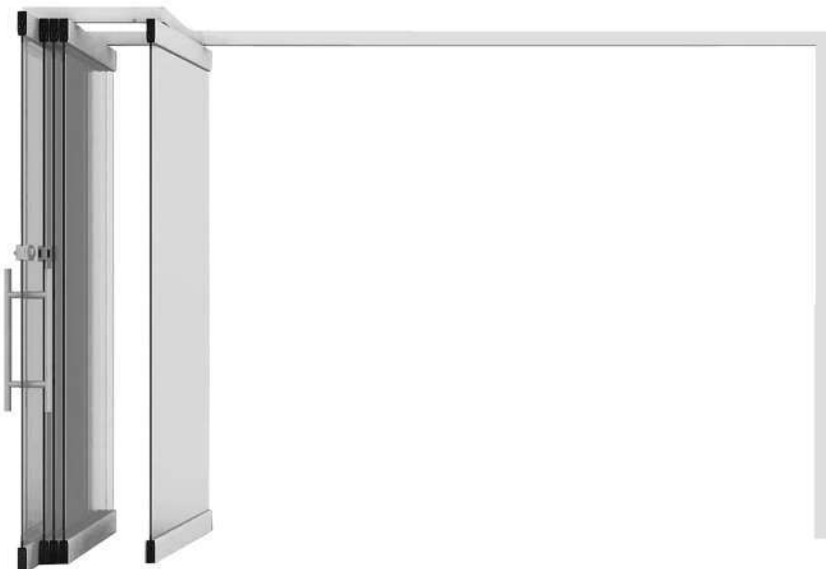
Designed with a **simple** and **smart** design, the new compact angled lamella provides unique connection details in curved application areas. It can be used in all kinds of areas such as cafes, restaurants, hotels and homes.





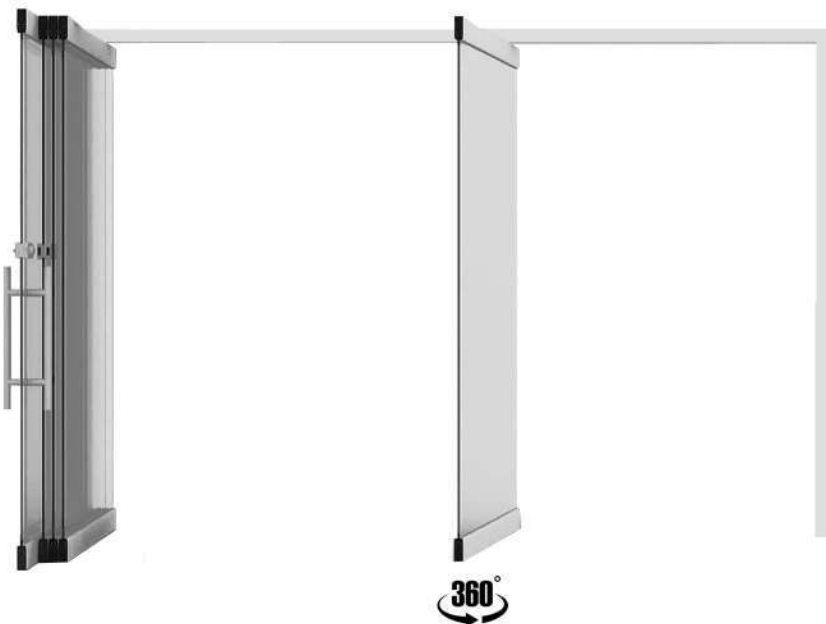
## Momentum HD

**Momentum**, one of the moving glass systems, is called **Synchronized** folding system. The panels are connected to the system and each other from a single point from above. The panels move horizontally by **folding simultaneously** from their hinges. The panels are positioned perpendicular to the system on the side where they are collected.



## Atrium HD

Among the movable glass systems, **Atrium** is called **Sliding System with Parking**. Panels are connected to the system only from the upper two points. Each panel moves horizontally independently. The panels are **driven** into the parking area in order, perpendicular to the system.



## Centrum HD

**Centrum**, one of the movable glass systems, is called **Pivot Folding Glass System**. The panels are connected to the system with a single carrier wheel from the middle of the upper profile. Each panel **rotates** at the center of the wheel and moves vertically and independently. Panels can be assembled on the right or left side, and more than one panel can be driven at the same time.

**Offenhaus** offers aesthetic and flexible solutions to your living spaces with its movable glass systems from **Albert Genau**. Sliding panels can be moved without using floor guides or channels.



Casters, pins and locks help keep each panel in a stable position. The panels are easy to adjust, align and operate. Its use is made easier thanks to its strong wheel design.



It offers a flexible solution without restricting the space of the place when opened in shopping malls, restaurants, cafes and offices, and ensures the security of the place when closed.



The special **Quattro HD wheel** provides comfortable movement with minimum noise and friction with a carrying capacity of 150 kg. There are 4 carrier bearings and 2 ball bearings for ease of movement.



The panels of the system carry the glass they carry not only with adhesive chemicals but also with glass pins. Provides safer use for end users. Eccentric pins tolerate errors of - / + 2 mm in the pin holes.



It offers a **panoramic view** with maximum glass height and maximum panel widths. Glass panels can be made 4 meters high and 1 meter wide.



Its high weight carrying capacity allows transportation of acrylic panels as well as tempered or laminated glass. You can choose your glass thickness as 10 mm / 12 mm.



**Albert Genau HD systems** were developed with both aesthetics and functionality in mind. The system can be parked in different positions depending on the area. If desired, the parking area of the panels can be hidden behind a wall or column.



These systems can be applied wherever you need in all living spaces such as hotels, hospitals, restaurants, cafes, sports centers, retail, shopping malls, education and showrooms.



## VERTIFLEX GUILLOTINE GLASS SYSTEM



**Vertiflex** automatic guillotine glass system; it is a remote controlled, motorized, chain, movable handrail system. As a movable handrail system, it is used in hotels, cafes, restaurants, stadiums, etc. it is used in places. The system is widely preferred for closing and opening these spaces.



Many patented innovations, such as the safety system that prevents fingers from being pinched in automatic guillotine glass systems, are only available in **Vertiflex**. The system can be made with **8 mm - 10 mm** or **double glazing** and offers unique solutions to achieve the highest insulation possible in guillotine glasses.



There are 4 balancing wheels in the system. It can be applied with a maximum of 4 panels up to 4 meters high and 4 meters wide.



Thanks to the **SafeGuard** panel connection system, the chain is securely connected to the panels. The chain is completely prevented from breaking or separating from the connection points. In addition, the patented movable cover profile prevents possible hand-finger jams when opening the system.



Vertiflex's patented **G-Motion** movement system; it guarantees quiet and comfortable movement. The wheels placed on the edges of the panels move within the wheel channels on the rails, ensuring balanced movement of the system.



The sensitive adjustment mechanism prevents the panels from moving unbalanced. Thanks to the side pole covers, chain adjustment can be made at any time.



Maximum insulation is provided by using EPDM gaskets and bristle brushes in all profiles and panel-profile combinations of the system. For extra insulation, a bristle brush or CF foam insulation gasket can be used thanks to the double bearings on the side column profiles.



The entire system is very easy to install thanks to the split side column profile and independent motor box. When service is required, only the desired areas can be intervened without completely dismantling the system.

8.51 mm - 14.75 mm wide and heavy panels of pod thickness, each with a carrying capacity of **400 kg**, can be made without any problems with double steel chains.



Glass carrier panels are joined with a total of **8 screws**, two in each corner. Compared to systems where only chemical adhesives are used, this mechanical connection completely prevents the panels from being separated from each other. By minimizing the thickness of vertical and horizontal profiles, the transparency level of the system is increased and **maximum panoramic view** is achieved.

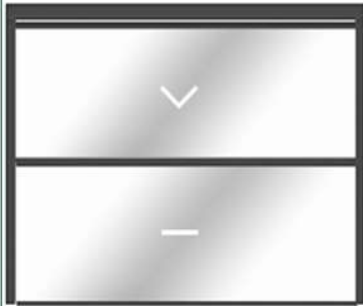


In the **Vertiflex Automatic Guillotine Glass System**, the **Albert Genau** brand engine, produced in Italy and with a **5-year warranty**, is offered as standard.

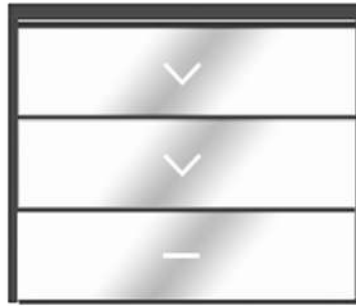


Vertiflex can be made frameless, assembled from the top or with 2-3 or 4 panels upon request. It offers solutions to all needs with a single system platform.

**2 Panel**



**3 Panel**



**4 Panel**



The channels where there is no movement in the side pillar profiles are closed with specially designed aesthetic cover profiles. In addition, all connection details of the panels have been made invisible by making hidden connections.



Vertiflex Twin Double Glazed Guillotine Glass System was subjected to water tightness, air tightness, impact resistance and wind load tests at the **European Approved PFB Technical Institute** and high class results were obtained according to **European Union** norms.



## VERTIFLEX ALL-CLEAN

**Panel Configuration:** 2 Panel / 3 Panel

**Glass Type:** Single Glass-Tempered / Double Glazed-Tempered

**Glass Thickness:** Mono 8mm-Tempered  
Twin 22mm (5+12+5)-Laminated-Tempered

**Lock Options:** Comfort Lock

**Movement Mechanism:** Stainless Steel Chain



## VERTIFLEX MONO/TWIN

**Panel Configuration:** 2 Panel / 3 Panel / 4 Panel

**Glass Type:** Single Glass - Tempered  
Double Glazed - Tempered

**Glass Thickness:** Mono 8mm - Tempered  
Twin 22mm (5+12+5) - Laminated+Tempered

**Movement Mechanism:** Steel Chain

\*Stainless steel chain is offered as an option.



## VERTIFLEX UP

**Panel Configuration:** 2 Panel / 3 Panel

**Glass Type:** Double Glazed+Tempered

**Glass Thickness:** 22mm (5+12+5)

**Threshold Solutions:** Zero Threshold

**Movement Mechanism:** Steel Chain

**Security Solution:** Secumax Brake Mechanism

\*Stainless steel chain is offered as an option.



## VERTIFLEX ALL-GLASS

**Panel Configuration:** 2 Panel

**Glass Type:** Single Glass - Tempered

**Glass Thickness:** 8mm

**Movement Mechanism:** Steel Chain

\*Stainless steel chain is offered as an option.



# AIRFLEX WINDBREAKER GLASS SYSTEM



Wind breaker system **Airflex**, protects your panoramic view with its minimalist design, while also blocking sound, dust and wind. It increases your comfort.



With its adjustable corner solutions and innovative and aesthetic fixing options, the windbreak system can be easily applied in hotels, restaurants and cafes, terraces and office spaces. It is time to meet the **Airflex** windbreaker with a profile width of only **47 mm**.

You can use the **Airflex** windbreaker, which attaches importance to safety as well as aesthetic appearance, in 5 different height sizes and suitable for different glass types.



**Airflex** windbreak glass system is a new generation movable windbreak system that opens with a single touch. **Airflex** is a movable glass railing system that can be used both with and without handrails in residences, schools, hospitals, shopping malls, stadiums, cafes and restaurants, in short, wherever you want.



Windbreaker **Airflex** provides you with flexibility for new and creative partition solutions in spaces. If you wish, you can use your system by fixing it to the ground in different ways, or you can use it portable.



Thanks to the **LED** illuminated handrail option, you can apply your logo to the glass panels of the **Airflex** windbreaker glass System, which stands out with its aesthetic appearance even in the dark, and reflect your corporate image in a more elegant way.



The locking mechanism specially designed for **Airflex** windbreaker glass system, the system can be locked from the inside and makes your spaces safe.



**Airflex** windbreak systems are here to beautify your workspace. New generation windbreak systems create a spacious environment by using them as office partitions in your work areas with their stylish and elegant design...





**ZIP SCREEN SYSTEMS**



## SUNLIGHT ZIP SCREEN SYSTEM



Would you like to cut the daylight and watch the scenery comfortably with the **Sunlight** motorized zip curtain system? Enjoy protection from wind and sun thanks to the zipper technology on the rails.



With a single button, the sun will enter your space as much as you allow. Moreover zip curtain systems that provide protection from flies and insects offer you spacious outdoor living areas.



**Sunlight** zip curtain systems offer solutions for **every size, every space** and **every budget** with different models and different fabric options.



Thanks to their strong profiles, **Sunlight** zip curtain systems, which can be produced in one piece up to **7 meters**, are quite determined to exceed the limits.



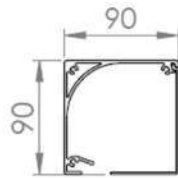
**Sunlight** is very easy to install and is ready to use in minutes. It is now easier to manage the temperature of your spaces.



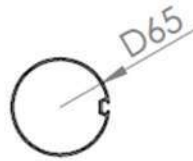
## SUNLIGHT ECO



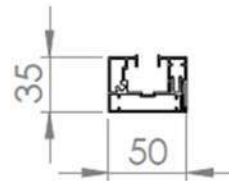
**Motor Box**



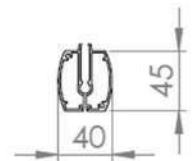
**Motor Pipe**



**Rail Profile**



**Lower Profile**

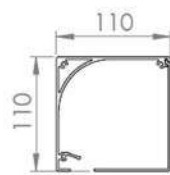


**Maximum Dimensions:** Width: 250 cm / Height: 250 cm

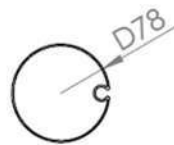
## SUNLIGHT STANDARD



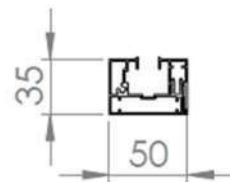
**Motor Box**



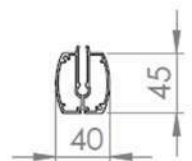
**Motor Pipe**



**Rail Profile**

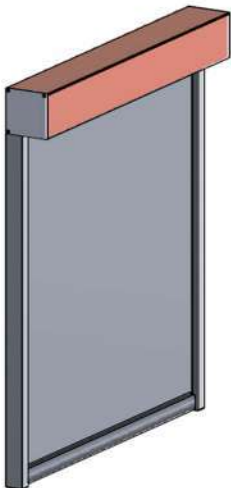


**Lower Profile**

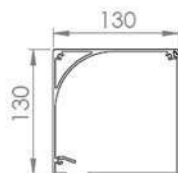


**Maximum Dimensions:** Width: 600 cm / Height: 600 cm

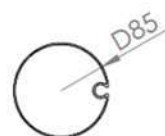
## SUNLIGHT PRO



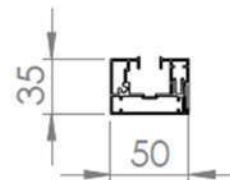
**Motor Box**



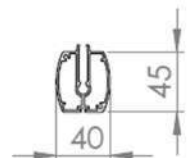
**Motor Pipe**



**Rail Profile**



**Lower Profile**



**Maximum Dimensions:** Width: 700 cm / Height: 700 cm

## SKYLIGHT ROOF ZIP SCREEN SYSTEM



**Skylight** roof zipper curtain systems are stylish, practical and technologically compatible curtain systems applied in winter gardens, cafes and restaurants.



With its zippered curtain, it provides a high advantage in controlling sunlight and cutting off excess heat where it applied.



**Skylight** can be easily mounted on the roof or glass ceilings of all areas you want.



**Skylight** roof zip curtain systems, which are resistant to all external factors such as snow, rain and storm, are easy to clean and dirt-proof.



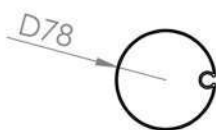
These systems can serve as a pergola with the addition of legs, if desired, thanks to their strong profiles.

## SKYLIGHT 30

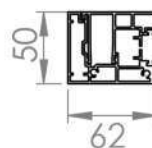
**Motor Box**



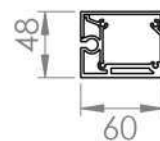
**Motor Pipe**



**Rail Profile**



**Lower Profile**



**Maximum Dimensions:** Width: 400 cm / Height: 500 cm

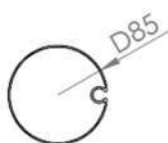
\*Applied **under** winter gardens and pergolas.

## SKYLIGHT 40

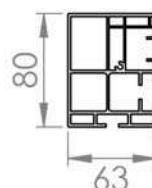
**Motor Box**



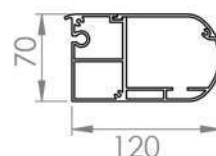
**Motor Pipe**



**Rail Profile**



**Lower Profile**

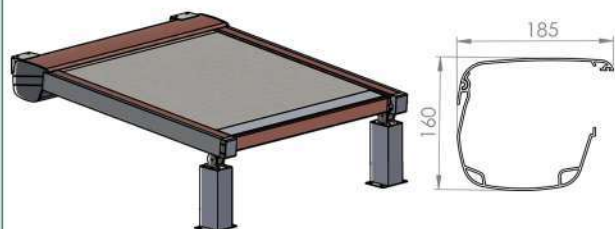


**Maximum Dimensions:** Width: 600 cm / Height: 600 cm

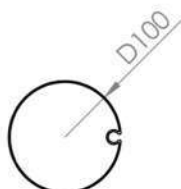
\*Applied **on** winter gardens and pergolas.

## SKYLIGHT 60

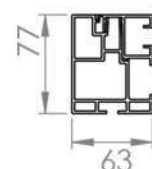
**Motor Box**



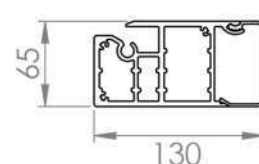
**Motor Pipe**



**Rail Profile**



**Lower Profile**



**Maximum Dimensions:** Width: 600 cm / Height: 600 cm

\*Applied **on** winter gardens and pergolas.

\*It can also act as a pergola.



## Serge Ferrari Soltis

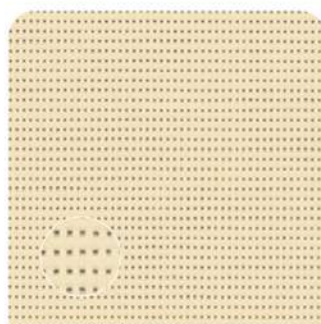
Horizon 86  
9 colours



White 86-2044



Beaten metal 86-2045



Champagne 86-2175



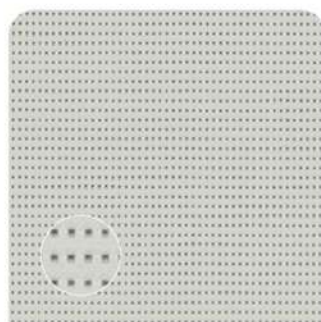
Concrete 86-2167



Anthracite 86-2047



Bronze 86-2043



Boulder 86-2171



Black B86-2053



Snow white 86-50690

# Serge Ferrari Soltis

Perform 92  
10 colours



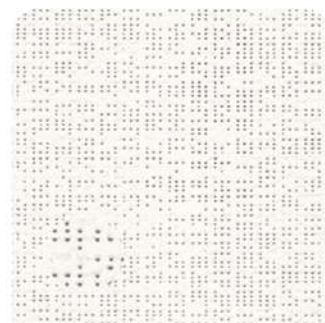
Champagne 92-2175



Concrete 92-2167



Boulder 92-2171



White 92-2044



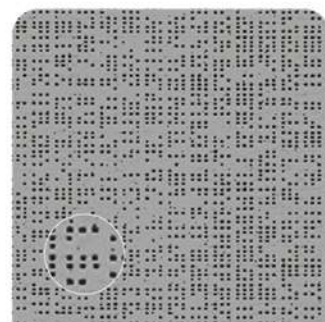
Anthracite 92-2047



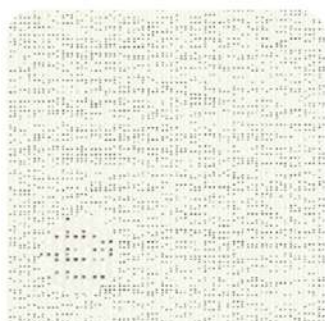
Black B92-2053



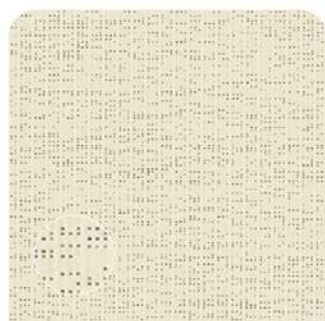
Bronze 92-2043



Beaten metal 92-2045



Snow white 92-50690



Shea 92-50843





White 002-002



Grey 108-108



Grey-Black 108-118



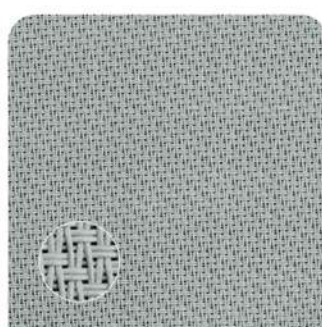
Grey-Sand 108-112



Bronze 113-113



Linen 116-116



Pearl 117-117



Black-Bronze 118-113



Black 118-118



Anthracite 047-047

**3% - 5%**  
**PERMEABILITY**



# SPOT



031031



033001



0807



0202



022



86



50



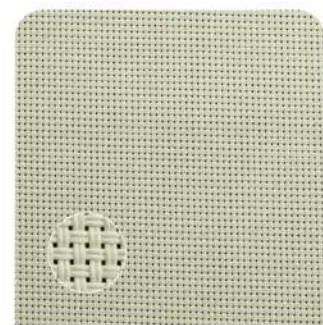
70



1603



1601



514



0070



0080



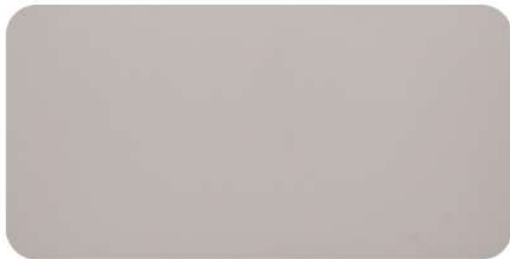
# SYSTEMS COLOR OPTIONS



WHITE 9016 - Classic



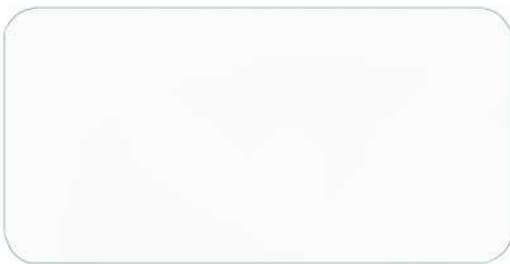
CREAM 9001 - Classic



GREY 7046 - Classic



BROWN 8007 - Classic



WHITE 9028 - Texture



COOL GREY 7100 - Texture



BROWN 8100 - Texture



BLACK 9005 - Texture



SAND CREAM 1032 - SPECIAL



COPPER 8800 - SPECIAL



LIGHT WOOD 9533 - SPECIAL



DARK WOOD 9812 - SPECIAL

somfy®



RECASENS  
BCN 1886

Serge Ferrari



SARAY®

SIOEN





**TÜRK  
PATENT**  
TÜRK PATENT VE MARKA KURUMU

# MARKA TESCİL BELGESİ

No: 2023 052898 - Ticaret - Hizmet

OFFENHAUS  
OUTDOOR LIVING

Marka Sahibi

**MEHMET EMİN AKBAL**

Mal / Hizmet Sınıfları

**06, 22**

Bu marka, 6769 sayılı Sınai Mülkiyet Kanunu kapsamında,  
24.04.2023 tarihinden itibaren 10 yıl süreyle korunmak üzere,  
18.10.2023 tarihinde tescil edilmiştir.

**Prof. Dr. M. Zeki DURAK**  
Kurum Başkanı



# OFFENHAUS

OUTDOOR LIVING