



Winter Garden **Series**

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GLASS ROOF ROOF

Glass ceiling, with its specially designed aluminum profiles, has a holistic system understanding. It is an uninsulated winter garden system with an aesthetic appearance produced according to It can be applied between 2°–22° inclination. Appreciation and appreciation in different geometric forms enables applications that meet your needs. In addition, with its specially designed steel support profile, it also provides the opportunity to make carrier reinforcements where necessary without disturbing the visual appearance. Despite its thin appearance, Due to its thick internal structure, it allows you to have a durable and long-lasting winter bet.

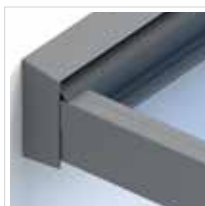
Insulation wicks used in the winter garden system are produced in EPDM standards.

RAIN GUTTER



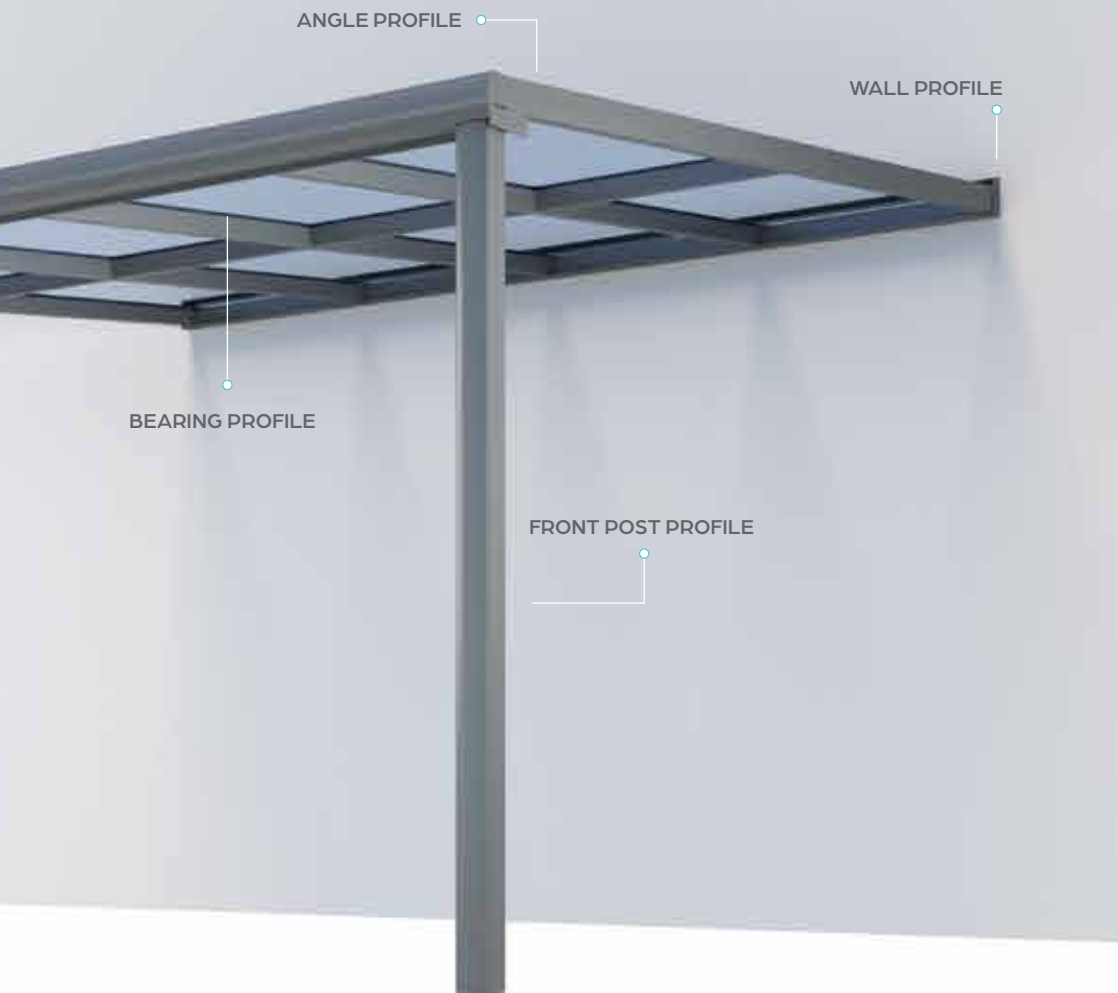
LIGHTING

Optionally, SPOT LED or SOFT LED lighting options integrated into glass carrier profiles can also be applied.



ARTICULAR STRUCTURE

Joint structure of the front carrier and wall profile in the winter garden system and According to its silicone-free glazing capability, it allows easy and fast installation.



GLASS COMBINATIONS

Optionally, it offers reflective, smoked and different glass color options. Safe glass; Combinations such as "10mm Tempered" or "10mm Tempered+Airspace 5+5" laminated. It is manufactured from suitable double glazing profiles.

GLASS ROOF



WALL PROFILE

Our Wall Profile is 70mm x 170mm in size and 2000gr per meter. weighs. It ensures that the system can be completely attached to the wall or surface to be mounted and that all carrier profiles are combined with angle profiles.



RAIN GUTTER / STREAM

The rain gutter/front girder profile is 140mm x 140mm, which weighs 4800g per meter. This profile collects rain water and drains it through posts as well as add strength to the awning construction. Grooves on the profile ease the assembly of demounted system.



ANGLE PROFILE

Angle profile is 28mm x 90mm in size and 1100 gr per meter. weighs. This profile allows the Glass Roof, which extends from the Wall Profile at the back to the Stream Profile at the front, to be adjusted according to the desired slope. According to its articulated structure, it provides maximum integration in every slope determined between 2 and 22 degrees.



CARRIER PROFILE

Our carrier glass profile is 55mm x 116mm in size and 1610gr per meter. weighs. This profile carries the Glass Roof System by being placed between and between each glass edge from the wall to the stream. It is used for 2 purposes, with an outer cover for those used on the edges and a middle cover for those used between glass.



STRUT PROFILE (COLUMN)

The front post profile is 135mm x 135mm, which weighs 5000g per meter. Mounted on to the gutter from below, it drains rain water.

Grooves within the posts help the assembly and disassembly of the system. Posts are designed in such a way they conceal screws.

GLASS COLOR OPTIONS

NATURAL TRANSPARENT



SMOKED



SMOKED REFLECTED



SINGLE GLASS

10mm (5 + 076 + 5 Tempered and Laminated Transparent Glass)

DOUBLE GLAZING

24mm (4mm Temper low-E + 12HB + 4 + 076 + 4 Tempered and Laminated Transparent Glass)

AUTOMATIC GLASS

Automatic glass system, an innovative enclosure/protective system is motorized. The glass is 8mm tempered or 20mm double-glazed. The glasses move vertically through 3 channelled rails. The up and down movement of the glass is made possible by imported Elatech belt, sling pulley and the motor, all of which function proportionally. Actually, the heart of the system is the fixed glass. The other mobile glasses are positioned on it, which means that the glasses function like a parapet when the glasses are all rolled down.



MOTOR

Becker motors are the first choice in automatic glass systems. Positioned in and through belt pulley, motor tube is attached to die-cast side caps with bearings. That's how glass weight -taken off the motor- is exerted on load bearing posts on the sides, which, ultimately, aims to eliminate motor malfunctions.



FRAME

The glass is framed with a profile for endurance which maximizes the functionality of the system. Additionally, an aesthetic look stands out as the seals that aim to isolate wind are concealed within the grooves on the sides.



FRONT CAP

Use of the front cap allows one to look into possible motor malfunctions by only easily removing the cap without the burden of the removal of all the glasses or other major components. Administered with an interior seal, it's channel-locked which eliminates noise stemming from vibration in wind or while functioning.



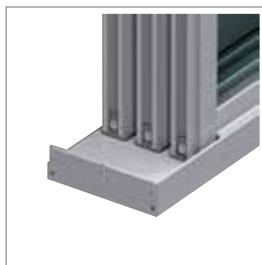
BELT

An exclusively designed Italian timing belt is used at the guillotine glass system. Strengthened with steel wires, the belt can lift up to 500 kg. The belt in this system is not applied to the bearing and connecting points to glass with screws, but pressed with a special apparatus we manufacture, the eventual function of which is to eliminate the risk of belt breakage.



UPPER PLINTH

The top plinth serves simply like a cap covering the minimal gaps between glasses which also provides a monolithic look. In terms of safety, it eliminates the likelihood of jamming of any subject between the glasses and the plinth itself thanks to its 20 moving option.



BOTTOM PLINTH

The bottom plinth offers much better insulation against heat, noise and liquid as well as eliminates measurement miscalculation and eases construction.

SLIDING PLUS

Moving horizontally within an aluminum frame, a popular choice in cafes, restaurants as well as residences with wide facade, the system is adaptable to both traditional and modern architecture. Depending on the ground structure, the threshold is kept flat with the ground both for a chic look and the prevention of stumbling. The glass frames move to the sides on wheels through rails. Lock system on the construction secures the area at stake. Thickness of laminated glass is 8mm or 4+9+4mm, which is breakage resistant. If broken, though, it doesn't pose danger. Profiles come in any color desired, thus are adaptable to any venue. The windows are not opened in an inward direction, thus allowing use of blinds. The system welcomes up to 4 rails and tempered and laminated glasses are applicable. Maximum wing height is 3250mm. The bearings at the bottom provide easy and silent function. All the separate glasses are collected together wherever desired, thanks to the handles. Since aluminum strips are robust, the system is nonpermeable enough against gusts, heavy showers and burning sun.

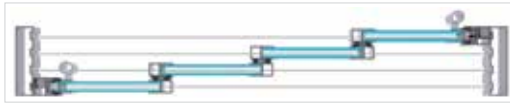
- * Two rail options, 3 or 5 rails
- * Fully concealed fittings
- * Little maintenance, stainless
- * Lock option both from inside or outside
- * Lock option on the left or right
- * Chromium-plated stainless door handle
- * Color option, black or gray
- * Metal case cover option



ONE SIDE - OPEN



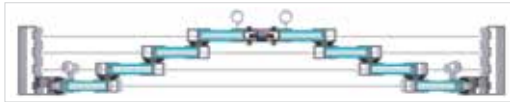
ONE SIDE - CLOSED



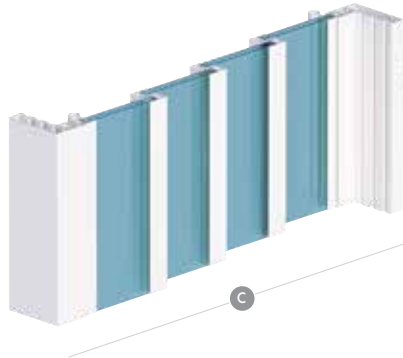
DOUBLE SIDES - OPEN



DOUBLE SIDES - CLOSED



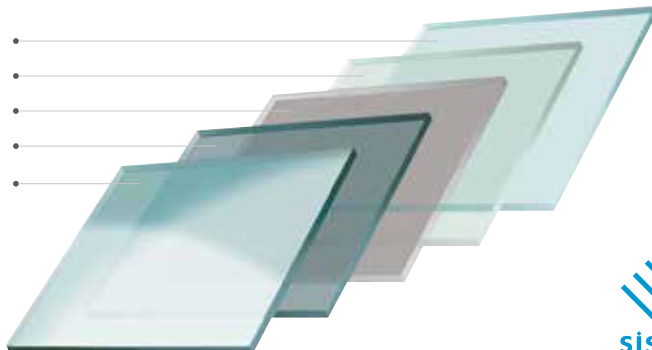
8mm / 17mm



(C) Width
120cm > 500cm

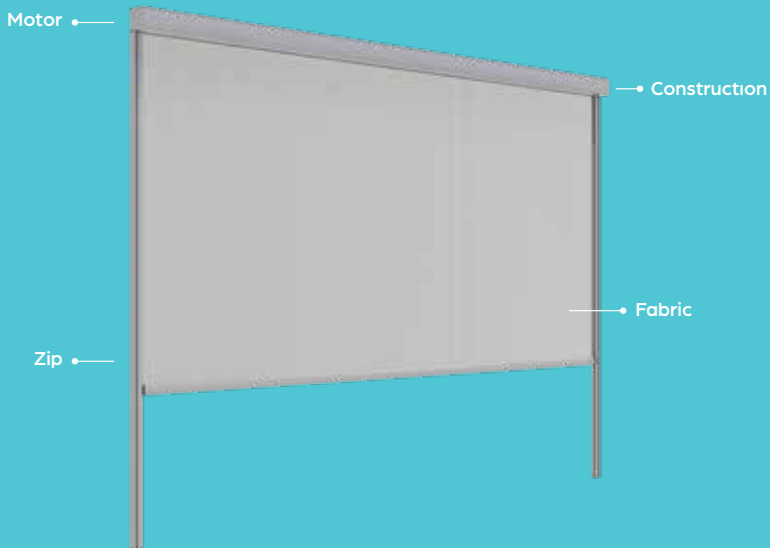
(H) Height
50cm > 260cm

- BLUE
- GREEN
- DARK GREY
- BRONZE
- REFLECTIVE



ZIP BLIND

A popular choice to prevent solar and precipitation impacts, zip blind is a motorized system, thanks to its appealing and modern look. The blind fabric moves up and down through two rails on both sides. It's remote-controlled and therefore, user friendly. It comes in any size and color.



CONSTRUCTION

All the profiles of the zip blind construction is highly strengthened T5 6063 aluminum. All the joints and connection points on the construction are secured in such a way that they do not get loose, broken, detached or any form of malfunction due to adverse weather conditions. Therefore, plastic material is never a choice at connecting points except that it is used as a complementary apparatus.



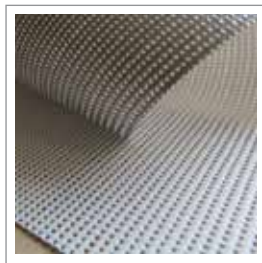
MOTOR

The motor used with zip blinds is Somfy. The reason for Somfy to be chosen is its reliable tensioning function which automatically stops when the fabric is fully rolled back. When in extension, the awning can be stopped at any point desired with a switch



ZIP

Within the grooves on the zip blind is a flexible plastic which works vertically. Easily applicable to the plastic, the zip blind can be removed as easily for a cleanup. Additionally, plastic to which the zip is attached is flexible, thus protecting the blind against heavy winds. Micro-permeant fabric allows relative air ventilation and doesn't get wrinkles or loosened, thanks to the tensioning feature from the sides.



FABRIC

The fabric is functional and user-friendly which serves like a %100 insect screen when fully closed. It gives 30-40% contribution to the prevention of inner heat, It also prevents wind and slight rain. It's a no-maintenance fabric that allows those inside to see through but not the other way round.

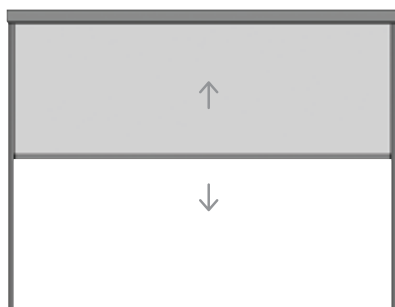


(C) Width

70cm > 500cm

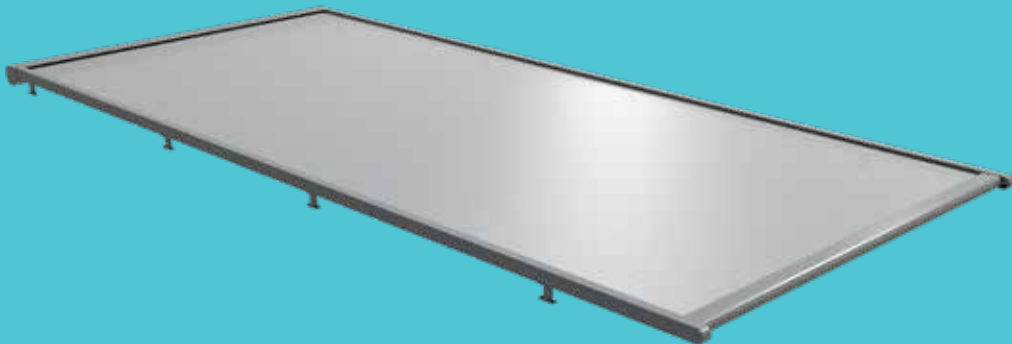
(H) Height

50cm > 600cm

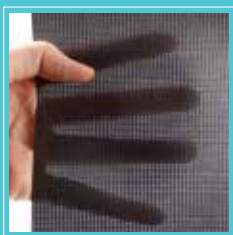


ROOF ZIP

With the development of technology and design, it is in the first place among the preferences with its more beautiful, more useful and remarkable visuality instead of the usual awnings; It is in demand as a roller blind for your glass pans outdoors. Due to the motorized zipper system in the mechanism, it provides protection from cold and wind. According to the special micro-perforated fabric, the zip curtain continues to provide air circulation inside. Zip curtain fabrics do not sag or wrinkle with the side tensioning system.



FABRIC



With its 100% mosquito net feature in fully closed position, it is protected from external pests. It offers an easy and convenient solution for your protection.

INSULATION



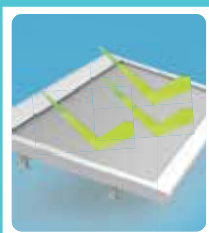
It prevents the heating of the indoor environment by 30-40%. It provides comfort in all seasons by providing protection against wind and light rain.

INTEGRATION

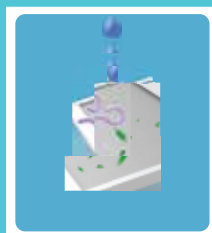


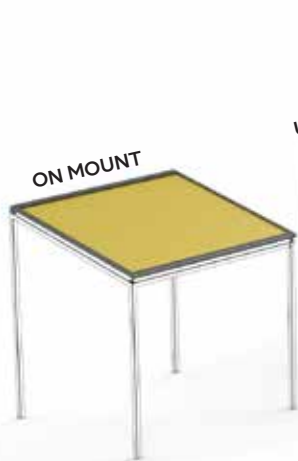
The Zip Blind System fits perfectly with the Glass Ceiling System, which is our winter garden model, and allows you to experience the comfort of your garden for 4 seasons.

SUN PROTECTION



RAIN & WIND PROTECTION







MECİDİYE KASRI

GLASS ROOF





DETACHED TERRACE

SLIDING PLUS



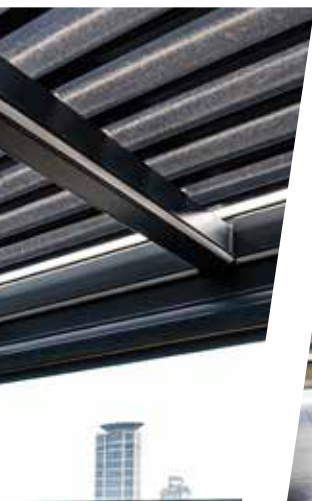




BEŞLER SUCUK

AUTOMATIC GLASS
ZIP BLIND





REFERENCES

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