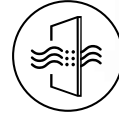
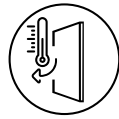




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Winter Garden Systems

Patio Enclosure Systems



 www.tgpsystems.com

About us

TGP Systems designs and markets complete pvc and aluminum systems for the construction market. The company carries a comprehensive range of products for the whole building envelope - for both private housing and large commercial projects.

TGP Systems was established by a group of veteran business executives and collaborates with architects, investors and partner companies based in Europe.

When you decide to go with TGP products, we can assure you that you are dealing with a company supplying premium products at competitive prices, with the highest level of service, fast delivery and warranty.



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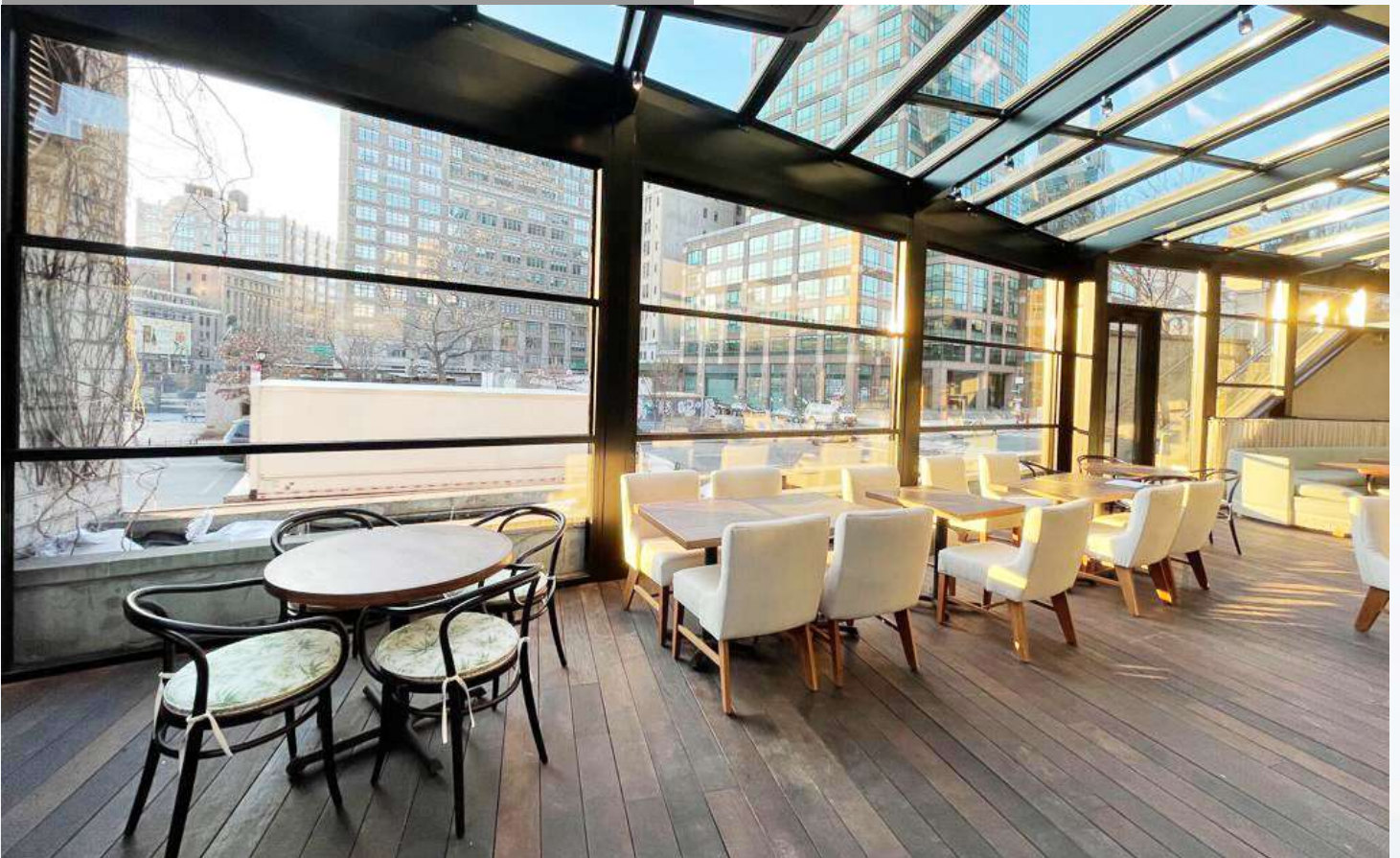


Glass Roof Systems

51-60



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Motorised Guillotine Window

(Vertical Window)

Open / Close

What is a Guillotine Window?



A guillotine is a vertical sliding window. Basic guillotine windows consist of two vertical sliding frames and are manually powered. Guillotine windows are with bottom or top fixed frames, opening from bottom to top or top to bottom with multiple sliding frames.

New generation guillotine windows have remote controls.

Vertical sliding window systems are optimal solutions for food and rest establishments. They can be used to control open close levels depending on the elements and the patrons' preferences.



Features

- 01 Easy Clean**
- 02 Fast and simple installation**
- 03 User friendly**
- 04 High insulation levels**
- 05 High wind resistance**
- 06 Minimum vista obstruction**
- 07 Optimal Ventilation**
- 08 Control the sash at the desired level with remote control**
- 09 Different glazing options**
- 10 Infinite choice of colors**
- 11 2 Year warranty**

References



Efficient use of
space and a pleasant
environment



Easy Clean
Fast and simple installation



Easy to use,
elegant look!



User friendly
High insulation levels





References



TGP Systems
provides complete
customer satisfaction

High wind resistance
Minimum vista obstruction



When the glass panels
are completely closed,
system provides heat,
air and sound insulation

Optimal Ventilation
Control the sash at the desired level with
remote control



Ease of Use



Ease of use, elegant, aesthetic look!

The guillotine windows are not only easy to use, but also provide an aesthetic look. As the mechanism does not enclose the entire space, TGP Motorized Guillotine Window System provides more efficient space usage and a pleasant outdoor experience.

Thanks to its remote controlled system, guillotine windows provide a comfortable experience for the user. The motorised guillotine windows can be opened to the desired level.

The system looks like an elegant railing when the window is completely open.

TGP systems provides complete customer satisfaction with the elegant appearance of guillotine windows. Users can control the level of air circulation and when the sashes are completely closed, the system provides heat, air and sound insulation.

We will generate a project tailored for your dimensions and specific needs so you could experience this awesome experience. For more details, please subscribe to our TGP Systems Youtube Channel, follow us on social media. Please get in touch with our expert team via mail sales@tgpsystems.com to get an estimate.



Technical Details of Motorised Guillotine Systems

SBS-C1 Standart Bottom Stationary C1 Easy Clean



Profiles: NOT thermal insulated. Additional support profiles and accessories.

Option: Easy clean option with special profile and accessories.

Glazing: 24 mm glass (double) or 8 mm (single glass) is available.

Dimension: max 4750mm W x4000mm H

Available Schemas: E,F

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.



Easy clean feature on floors higher than the entrance level.



TBS-C1 Thermal Bottom Stationary C1 Easy Clean



Profiles: Thermal insulated. Additional support profiles and accessories.

Option: Easy clean option with special profile and accessories.

Glazing: 24 mm glass (double) or 8 mm (single glass) is available.

Dimension: max 4750mm W x4000mm H

Available Schemas: E,F

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.

Easy clean feature on floors higher than the entrance level.



TPS Top Panel Stationary



Profiles: Thermal insulated,

Glazing: 32 mm glass (double or triple) is available.

Dimensions: max 4000mm W x 3000mm H,

Available Schemas: G,H

Not: above this dimension, 2 motors&supported strut profiles will be helpful to make 4500 mm x 3500 mm.

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.



TPS-N3 Top Panel Stationary

Profiles: Thermal insulated,

Glazing: 24 mm glass (double) is available.

Dimension: max 2500 W X 3500 H.

Available Schemas: G,H,I,J

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.



TPS-C0 Top Panel Stationary

Profiles: NOT thermal insulated,

Glazing: 24 mm glass (double) is available.

Available Schemas: G,H,I,J

Dimension: max 4500mm W x 4000mm H

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.

Optional Glass Mountable later



SBS Standart Bottom Stationary

Profiles: NOT thermal insulated.

Glazing: 20 mm glass (double) or 8 mm (single glass) is available.

Dimension: max 4000mm W x2500mm H or max 3500mm Wx3000mm H

Available Schemas: A,B,C,D

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Belt

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.

SBS C0 Standart Bottom Stationary C0

Profiles: NOT thermal insulated.

Glazing: 24 mm glass (double) or 8 mm (single) is available.

Dimension: max 4750mm W x4000mm H.

Available Schemas: A,B,C,D

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no-motor shipping option.)

Note: We are able to go wider or higher dimension. Please feel free to contact for TGP Systems technical staff advices.



**Additional Support Profile
Longer width availability**



TBS Thermal Bottom Stationary

Profiles: Thermal insulated.

Glazing: 24 mm glass (double) is available.

Dimension: max 4000mm W x3000mm H

Available Schemas: A,B,C,D

Protection: Hand protection profile

Insulation: Brush,

Color: All colors available in Ral Color Chart

Motion: Chain

Motor: 230 V/50 Hz. (For countries with different voltage values, we have a no motor shipping option.)

Note: TBS & TPS-N3 profiles are same. We may do TBS system also with using TPS profiles. In this case TBS dimension can be done max 4500W x 3500 mm H by using 2 motors&supported strut profiles.

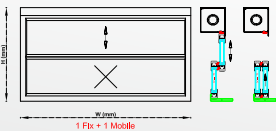


Optional Glass Mountable later

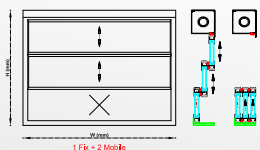


Available Schemas Refer To System

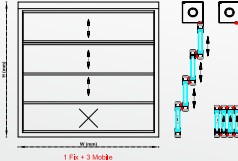
A : (1+1)



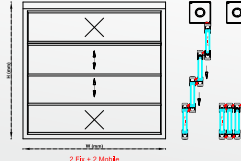
B : (2+1)



C : (3+1)

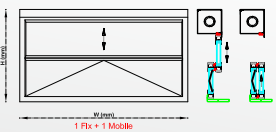


D : (3+1)

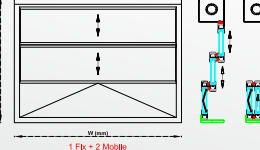


SBS : A,B,C,D SBS-CO : A,B,C,D TBS : A,B,C,D

E : (1+1)

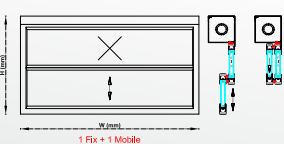


F : (2+1)

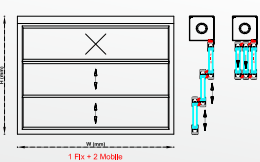


SBS-C1 : E,F TBS-C1 : E,F

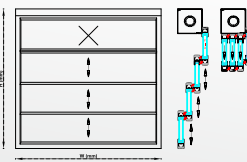
G : (1+1)



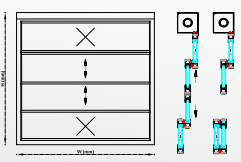
H : (2+1)



I : (3+1)



J : (3+1)



TPS : G,H TPS-N3 : G,H,I,J TPS-CO : G,H,I,J

Sum of Motorised Guillotine Types

Model	Thermal Insulated Profiles	Dimensions	Glass Properties
SBS	NO	4500mm W x 4000mm H or 3500mm W x 3000mm H	20 mm double or 8 mm single
SBS-CO	NO	4750mm W x 4000mm H	24 mm double or 8 mm single
TBS	YES	4000mm W x 3000mm H	24 mm single/double
SBS-C1	NO	4750mm W x 4000mm H	24 mm double or 8 mm single
TBS-C1	YES	4750mm W x 4000mm H	24 mm double or 8 mm single
TPS	YES	4000mm W x 3000mm H	32 mm single/double
TPS-N3	YES	2500mm W x 3500mm H	24 mm single/double
TPS-CO	NO	4500mm W x 4000mm H	24 mm single/double

Certification



RESISTANT TO WINDLOAD



WATERTIGHTNESS



THERMAL INSULATION



AIR PERMEABILITY

WATERTIGHTNESS

Testing method according to BDS EN 1027
Performance CLASS A2

RESISTANT TO WINDLOAD

Testing method according to BDS EN 12211
Performance CLASS 4C

AIR PERMEABILITY

Testing method according to BDS EN 1026
Performance CLASS 2

THERMAL INSULATION

Thermal insulation quality of the glass will determine the overall thermal quality of the system. TGP (thanks to triple glass) has the best thermal insulation values in the market.

 <https://www.how2make.net/category/guillotine-window/>

Motorised Guillotine Windows bring the panorama inside!

Drinking your tea in a cafe while enjoying the beautiful view of the sea, or having dinner at a nice restaurant with perfect air circulation. Hot chocolate has never been this delicious in the heat efficient and sound insulated winter garden. These are worry-free, life enjoying moments. We are in bliss in those moments. Are they so hard to come by? Well, not anymore. TGP Motorised Guillotine Windows seamlessly provide an environment where indoor and outdoor become one.

The guillotine is a folding, remote controlled window system used to regulate air flow and heat efficiency. It brings the panorama inside your living space, adding more space through open interiors, flooding rooms with light and creating perfect, enjoyable living environments.

The vertical hung-sash retraction guillotine window system is all-weather use, in cafes, bars, winter gardens, private homes, commercial establishments, industrial buildings, roof floors and hotels. Thanks to its special sash-carrying mechanism, the sashes stay fixed at the exact point where they are released. This feature enables safe use of the window and it can be opened up to the desired height.



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Pergola & Motorized Rooftop Awning

Open / Close



Pergola & Motorized Rooftop Awning



Motorized rooftop awning is a sturdy, long-life all weather outdoor system that functions with a reliable tensioning mechanism. It is an ideal solution for cafes, restaurants as well as gardens, terraces and commercial or private patios.

The system protects users from UV exposure and harsh elements thanks to its 3-layer fabric system.

Rails and moving parts are silent functioning and low maintenance. Remote controlled, it is very practical as the rooftop of the same area can be used wide open or fully closed.

Various enclosure options can be applied below the system around the facility, thus ensuring a fully isolated space for all season outdoor comfort.





References



**High Quality Profiles
Somfy and Becker Motors**



High Quality Serge Ferrari, Sioen Fabric



References



5 year Fabric Guarantee
5 year Motor Guarantee



2 year Alu. Construction Guarantee
2 Year Lighting Guarantee



Technical Details of Pergola and Motorized Rooftop Awnings



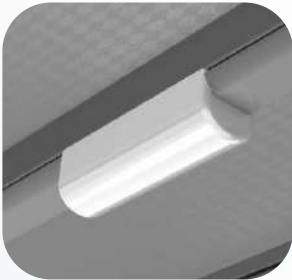
5 Year Warranty

Fabric used on motorized rooftop awnings is a 5- year-guaranteed, block-out fabric. Our preference on fabric is SERGE FERRARI and SIOEN that are 3- layered, flame retardant and sunproof. Its PVC-based flexy characteristics make it the most suitable material against outdoor weather conditions. Functionality and operability of our awnings have a 5-year mechanical warranty.



Motor

The motor powering our awning system is covered under a 5-year warranty by the motor manufacturer.



Lighting

24 Volt, Samsung A+ daytime LED lighting is installed on motorized rooftop awnings. IP65 led lighting runs on 0.150 mA.

One 3w led per sqm.

Leds are specially designed in tine with interiors of fabric profiles.

Mounted on fabric profiles, leds are integrated with the overall system to last long and look stylish

Custom-manufactured polycarbonate led socket; 700 lumen-3000 kelvin

User-friendly, easy-to-replace led design



Protective Sheet

Made of powder-coated galvanized sheet, the protective sheet, mounted on top of the railed rooftop awning prevents the motor, joint pins and connector and rolled- back fabric from weather elements and external factors.



Rain Gutter Side Cap

Used on the side facing gutter parts, the cap achieves a sleek look and prevents water spray. Mounted on the gutter with screwless connecting pins, the cap helps complete a solid look.



Motor Cap

Applied as the motor cap and on the parts of the motor tube facing sideways, it nicely blocks the sight of metal components and completes the aesthetic look of the entire system.



Rail Front Cap

This part, made up of powder-coated aluminum, the same color as guides and posts, is used to cover the front end of the guides through which carriers move.



Water Discharge

The pooling water on the fabric is directed towards the gutter and with the help of the tilting position of the roof drained through posts whose bottom parts are connected to the floor with stylish looking aluminum cast material that provides both a sturdy floor grip and water drainage.



Rain Gutter Connection Apparatus

Two gutters are attached to each other with an injection molded, high alloy, specially designed apparatus. Remarkable advantages of the apparatus is prevention of isolation flaws at connecting ends and ensuring an aesthetic finish. It also helps the overall system to look solid.

Carrier Car

Carriers are the components that provide mobility of the fabric through railed guides.

-They are made of polyamide, a durable, longer lasting material more resistant to weather elements.

-Connectors and fixtures on the carrier is 304 stainless steel.

-Carriers maintain mobility within the guide profiles smoothly and quietly even when there's pressure due to heavy fabric or curved shape of profiles.

-Carriers have four wheels, preventing obstruction of mobility.





Insulation Seals

Insulation seals provide insulation between the moving parts of the awning and the construction. They prevent water seepage indoors, providing outstanding insulation by directing the water to the gutter.



Gutter



Rail Edge

Motorized Rooftop Awning Warranty Coverage

- Fabric - 5 Years
- Aluminium Construction - 2 Years
- Motor - 5 Years
- Lighting - 2 Years



Fabric

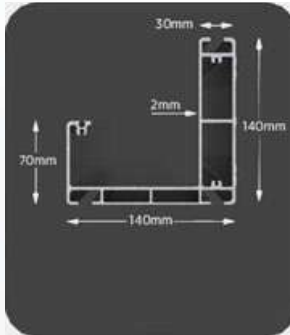
- 5-year guaranteed, block-out fabric made in USA, France or Spain.
- Block-out fabric: 3 layered sun-proof, flame-retardant.
- The characteristics of block-out fabric make it durable as it can withstand outside elements.
- Block-out fabric is PVC -based weighing 850g/m²
- Color options: white, cream and gray
- 3D pattern option available.
- Fabric temperature resistance range: -30°C/+70°C Flame retardation: M2 -NF P 92 507 2004
- UV resistant, antibacterial. Fabric temperature performance: E class
- No phthalate, which is harmful for humans, is involved.

Elatech Belt

- Steel tension corded thermoplastic polyurethane: 92° :ISO 17396
- High resistance against wear and tear
- Transmission: 30 kW max
- Temperature range for efficient function -25°C /+ 80°C
- Elasticity: Perfect
- Operation: Quiet

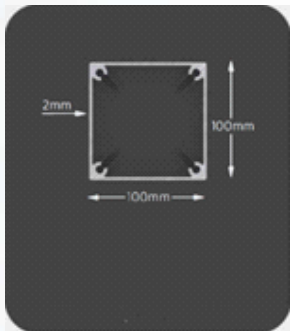
Components

- All the components and fittings are 304 stainless steel.
- Metal plates used are min 60-80 micron, polyester-based, powder coated, outdoor resistant.
- Powder coat offers a smooth surface, makes cleaning fairly easy.



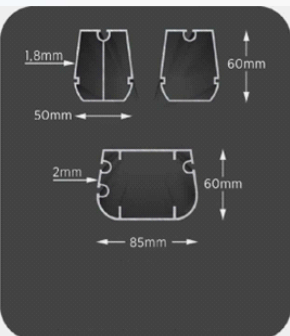
Front Girder/Gutter Profile

- Dimensions of RTS/400 segment front girder/ rain gutter profile is 740mm x 740mm, which weighs 4800g per meter.
- Raw material of high alloy, extruded profiles is TS 6063 aluminum.
- This profile collects rain water and drains it through posts and adds strength to the awning construction.
- Grooves on the profile ease the assembly/disassembly of the system.



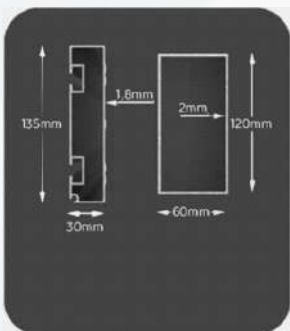
Front Post Profile

- Dimensions of front post profile on motorized rooftop is 700mm x 700mm, which weighs 3650g per meter.
- Raw material of high alloy, extruded profiles is TS 6063 aluminum.
- Mounted on to the gutter from below, it drains rain water.
- Grooves within the posts help assembly and disassembly of the system.
- Posts are designed to conceal screws.



Fabric Profiles

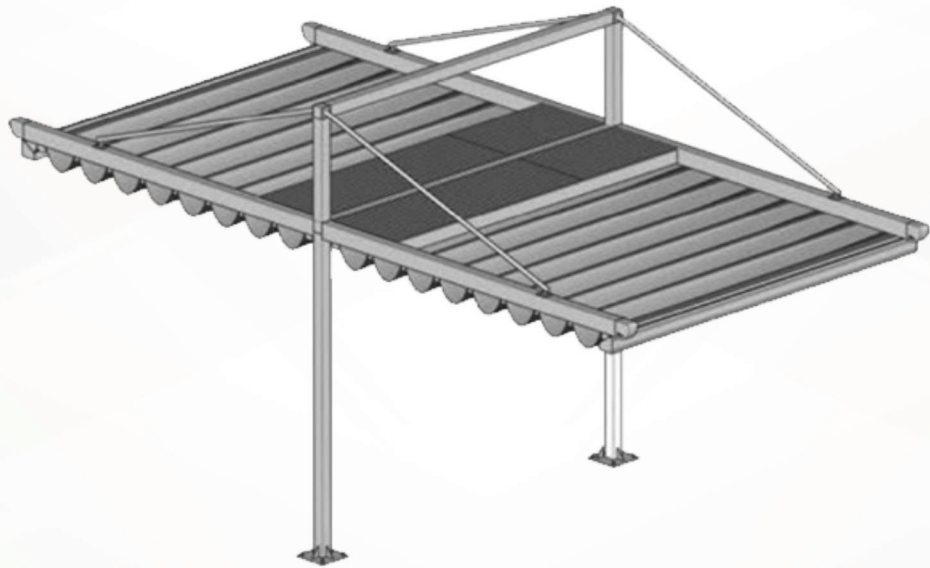
- Dimensions of fabric profile is 60mm x 50mm, which weighs 7250g per meter.
- Depending on the project, they are positioned at a certain distance to enhance resistance .
- Dimensions of fabric tensioning profile on motorized rooftop is 85mm x 60mm with, which weighs 7800g per meter.
- Positioned both at the frontmost and backmost of the fabric, this profile carries the fabric forwards and backwards, powered by the maximum tensioning force of the motor and profile's strength itself.



The Girder And Window Profiles

- The girder is 735mm x 30mm, which weighs 7745g per meter.
- The size of window reinforcement profile is 750mmx50mm, which weighs 2750g per meter.
- The other window reinforcement profile is 720mmx60mm, which weighs 7900g per meter.

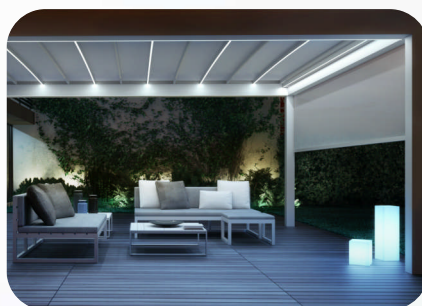
Models



Flat Hinged Double Sides



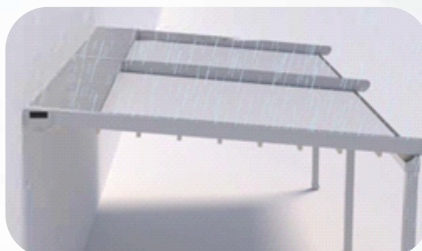
Daytime



Night



Sun



Rain

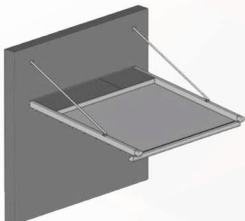
Models



Standard



Standard Double Sides



Standard Hinger



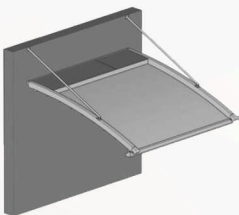
Standard Double Sides Hinger



Curved



Curved Double Sides



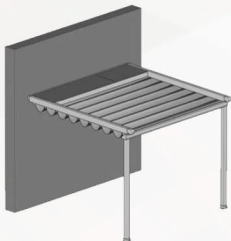
Curved Hinged



Curved Double Sides Hinged



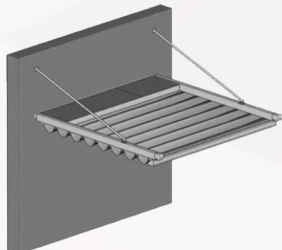
Fully Curved



Flat



Flat Double Sides



Flat Hinged

Colors

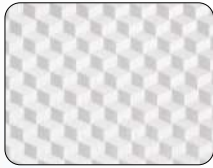


Ral Color Chart

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3018	3020	3022	3027	3031	4001	4002	4003	4004	4005	4006	4007	4008	4009	4010	5000	5001
5002	5003	5004	5005	5007	5008	5009	5010	5011	5012	5013	5014	5015	5017	5018	5019	5020
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7043	1044	1045	7046	7047	8000	8001	8002	8003	8004	8007	8008	8011	8012	8014	8015	8016
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Colors

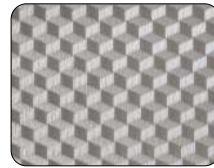
Fabric Color Chart



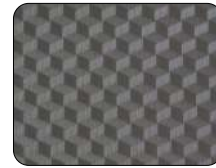
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8118 /1622



8118 /7500



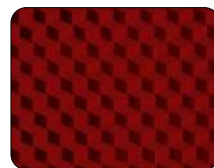
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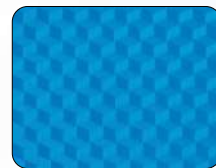
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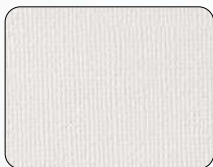
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8118 /3017



8118 /5003



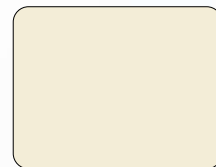
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8116 /1622



8290 /9002

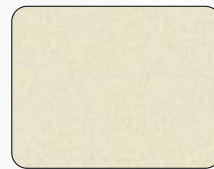


8290 /1622

Wood / Texture



9010



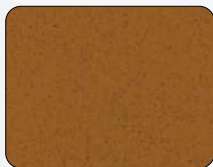
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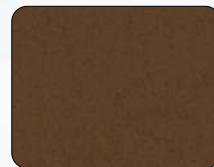
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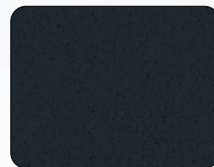
7039



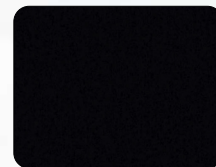
8003



8028



7016



9005



A-4252-8



A-4513-8

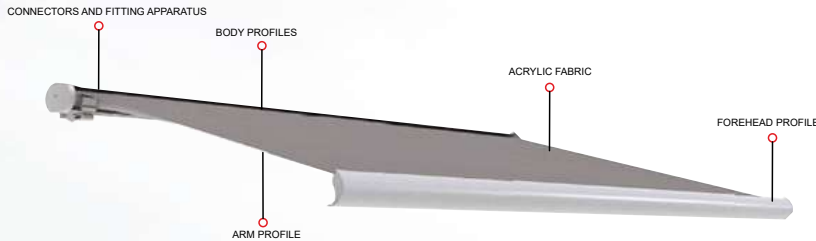


A-4513-9



A-4395-8

Cassette Awning

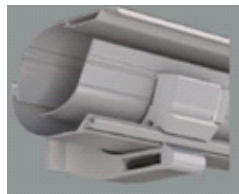


It's a system that protects the fabric against sun's negative impact, in particular, and any other adverse weather conditions. It's automatic and also economically reasonable since it decreases maintenance costs.



Connectors:

Aluminum connectors and fittings are used in the installation of cassette awning. Ceiling or wall mounting options are available.



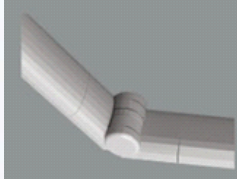
Body profiles

Body Profiles are manufactured out of T5 6063 aluminum extrusion profile. It's composed of cover profile and fabric holder profile, average weight of which is 6100g per meter.



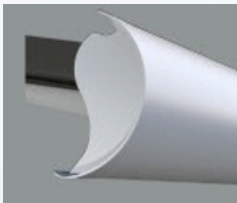
Motor

The motor used with cassette awning Systems 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.



Arm Profile

The joint arms of cassette awning are manufactured out of strengthened T5 6063 aluminum extrusion profiles. The size is 75mm x 37mm with 3mm thickness. Within the system are strong springs that allow the tensioning that is attached to a steel wire, forming the overall joint arm structure. Standard arm system, called 'platinum segment' is used.



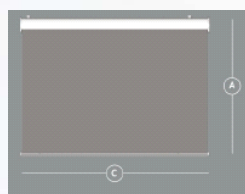
Forehead profile

Forehead profile of cassette awning is T5 6063 resilient aluminum extrusion profile, whose size is 145mm x 73mm, which weighs 2025g per meter. Compared to rivals in the market, it's quite robust and main reason of this material being used is its easy operability and adaptability of both arms and fabric. Additionally, forehead profile is designed in such a way that it functions like a gutter to drain rain water through its grooves.



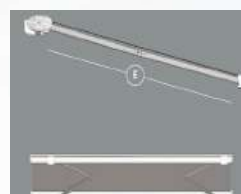
Acrylic fabric

The acrylic fabric of cassette awning comes in more than 100 color and patterns that are pleasing to eye. The fabric is under 5-year guarantee against solar discoloration.



Width and Expansion

(C) 200cm to 700cm
(A) 150cm to 350cm



Slope

(E) 0° to 45°



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Rolling Roof

Open / Close



Rolling Roof



TECHNICAL PROPERTIES OF ROLLING ROOF BIOCLIMATIC, AXIAL AND MEASURED CEILING SYSTEM

Rolling Roof is a roof system of aluminum panels that can be rotated about 105 degrees around its own axis and has bioclimatic features.

The system has high insulation performance in insulation due to its airtight sealing systems.

Snow load carrying capacity can go as high as 235 kg per sqm depending on the dimensions.

Wind resistance of the product can reach up to 123 km / h depending on its dimensions.

The system is capable of axial operation and retractability. Since it works axially, it can be opened up to 105 degrees. When the system is retracted, an opening of 70% is created.

In rainy weather, when the system is open between 1% and 4%, it provides interior ventilation without water seepage.





References



It is very comfortable to use with safe and modern accessories.



Flat roof design without any slobethanks to the axial opening system, it can air ventilation without rain.



References

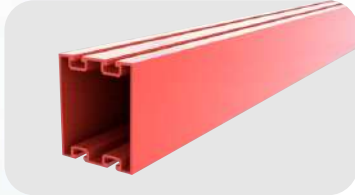
High insulation values thanks to its precisely dimensioned design.



It is a very common and stylish window type in various European countries.



Technical Features



FRONT HORIZONTAL & PANEL & INSULATION DETAILS & PIPING

Sizes: 100 mm X 120 mm, wall thickness: 3 mm, has horizontal and vertical resistance federations with internal chamber



MOBILE PANEL

The ceiling of the product consists of folding panels. The panels are 280 mm x 20 mm in size and they move at an angle of 105 degrees in their respective axes. Panel section is in detail. The detents on the back of the panels prevent the materials that could be caught on the panels from falling down (indoor) during the roof opening movement.



PILLAR

The product is carried on aluminum posts with dimensions of 100 x 110 x 3 mm. Flange and ground connection details of aluminum struts are done in accordance with the detail drawing specified in the project.



ISOLATION

The optional polyurethane foam or styrofoam panels can be filled.



WATER DRAINAGE

The rain water pouring into the upper panels is transferred to the right and left internal water channels, and the water placed in front of the uprights is evacuated in a controlled manner.



INNER WATER CHANNEL

It is designed to ensure the perfect water flow between the system. In the case of windy rainfall, rain water is prevented from dripping into the interior if reverse pressure is applied. With this feature, water never pressures downwards and drains the water into the lower stage in a controlled manner.



ENGINE AND CONTROL SYSTEM

There are different motors on the system for different movements. The BIBUS linear motor for the axial movement of the panels and the MOSEL tube motor in the back collect is used. These motors operated synchronously by a single automation box. Somfy or Becker motor can be used for an extra charge.

Colour Options

PAINT

- The product is painted with electrostatic powder furnace showing high resistance to the harmful effects of sunlight and corrosion to the outdoor conditions.
- Products will be painted according to the desired RAL code in color.
- The aluminum profiles used are electro galvanized and inox metals.

1000	1001	1002	1003	1004	1005	1006	1007	1011	1012	1013	1014	1015	1016	1017	1018	1019
1020	1021	1023	1024	1027	1028	1032	1033	1034	2000	2001	2002	2003	2004	2008	2009	2010
2011	2012	3000	3001	3002	3003	3004	3005	3007	3009	3011	3012	3013	3014	3015	3016	3017
3018	3020	3022	3027	3031	4001	4002	4003	4004	4005	4006	4007	4008	4009	4010	5000	5001
5002	5003	5004	5005	5007	5008	5009	5010	5011	5012	5013	5014	5015	5017	5018	5019	5020
5021	5022	5023	5024	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012
6013	6014	6015	6016	6017	6018	6019	6020	6021	6022	6024	6025	6026	6027	6028	6029	6032
6033	6034	7000	7001	7002	7003	7004	7005	7006	7008	7009	7010	7011	7012	7013	1015	7016
7021	1022	7023	7024	7026	7030	7031	7032	7033	7034	7035	7036	7037	7038	7039	7040	7042
7043	1044	1045	7046	7047	8000	8001	8002	8003	8004	8007	8008	8011	8012	8014	8015	8016
8017	8019	8022	8023	8024	8025	8028	9000	9001	9002	9003	9004	9005	9010	9016	9017	9018



LIGHTING

Lighting is not included in our system. There are channels to be applied easily on the system for Lighting and Led light systems.



GUARANTEE

The product is guaranteed for 2 (two) years against assembly and material defects.



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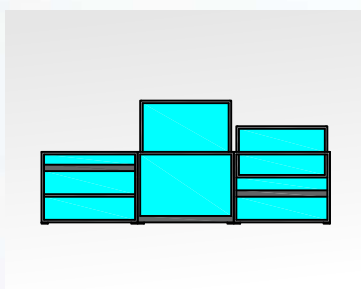
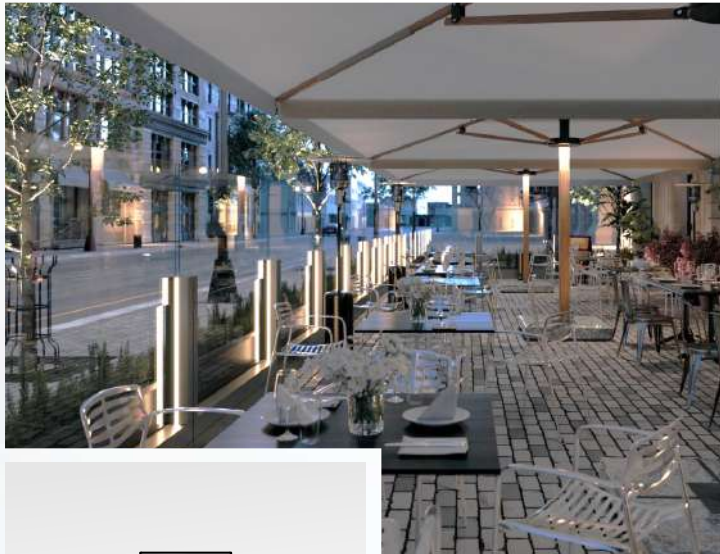


Wind Breaker

Open / Close



Wind Breaker



Glass windbreakers are a fantastic way of providing shelter on your terrace or veranda, without restricting or confining the space.

TGP can advise on a range of glass windbreak solutions. As well as traditional fixed windbreaks we can also provide adjustable glass windbreak systems for additional flexibility, allowing you to change the layout of your space and adapt to the weather conditions.

It is a revolutionary glazing system product! Restaurant gardens, terraces, open areas of cafes, swimming pools and balconies or even in commercial or government buildings...

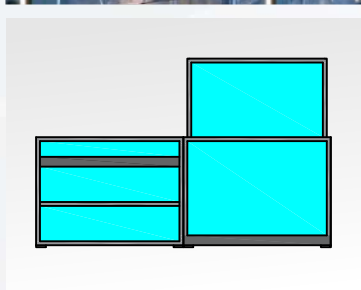
Just lift it up to remove wind affect!
The panel is 110 cm high when closed, with a basic touch it rises up to 190 cm height and also descends down with a simple touch.

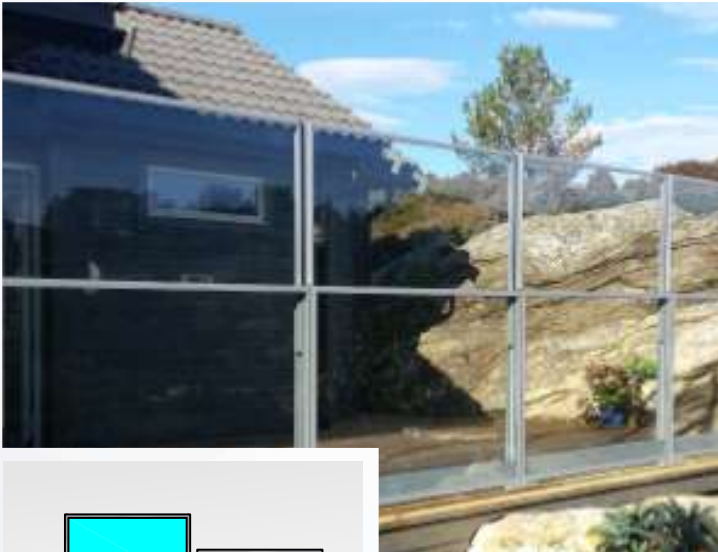
Why TGP windbreak systems?

TGP Glass windbreak system is a design for the enclosure of external spaces. It is operated manually: By lowering the upper glass, the horizontal counterweight is lifted, by upping the upper glass the horizontal counterweight is lowered, this makes the system more durable and easier to use. By adjusting the level of glass you can widen your view, rest and relax without the disturbing wind.

Easy to use, easy to move

- Balancing by weight
- Aesthetic appearance
- Various glazing options
- Unobstructed View
- High Resistibility to winds (fixed)
- Stylish
- Fix base or Portable
- Anti-corrosion
- Simply push to open or close





Technical Specifications

Fixing

Anchor screws for concrete is included, in the package

Panel width

Min:80cm – Max:175cm

Panel height

Max:190cm

Corner connector

Available

Panel connector

Available

Glass thickness

Fixed glass (8mm), Lifiable glass (6mm)

Principle of operation

Manual lifting by hand/Counterweight

Surface coating

RAL Powder Coated 9010 White / 9005 Black / 7016 Anthracite Grey / 9006 Aluminium Grey are standard colors. Other RAL colors are also available





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Zip Screen System

Open / Close



Zip Blinds



Zip Blinds - Outdoor Blinds are an indispensable decorative tool, especially in warm climates. Zip Blind systems are versatile and provide protection from sudden floods and summer sun glare without disturbing your outdoor breaks.

Both functional and aesthetic, zip blinds also help save energy by providing insulation.

Zip Blinds - Outdoor Blinds prevent the heat transfer of vertical and curved windows. TGP zip is a motorized horizontal roller blind with an innovative compression and ceiling curtain technology.

This provides a uniform fabric tension. TGP zip is perfectly compatible with your home due to its discrete design.

Zip curtain system, also known as zippered curtain, is a motorized curtain system. It is equipped with special fabrics such as roller blinds. It has high resistance and excellent durability in harsh environmental conditions such as wind and precipitation.

Zip curtains are used in homes, offices and other commercial buildings. These curtains are produced from quality fabrics and are operated with an automatic control system. It adds an aesthetic appearance to all spaces. It appeals to every segment with its heat-saving quality fabric, color and texture.



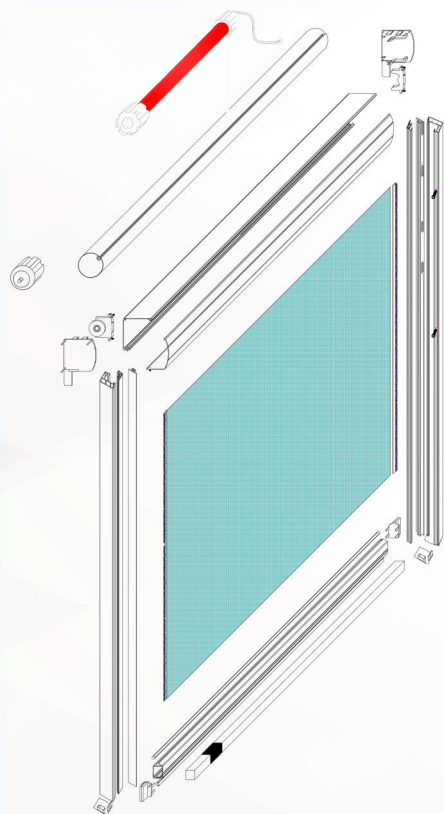
Advantages of Zip Curtain

Advantages of Zip Curtain

- Modern and aesthetic.
- Provides protection from sun glare, wind and rain and sudden weather changes.
- Micro air perforated fabric structure circulates constant fresh air.
- Offers all the functions of blinds, awnings, mosquito nets, roller blinds, etc.
- Special textile fabric shows high resistance against environmental effects.
- Affects the appearance of the structures with its color varieties and provides aesthetic integrity.
- Offers high standards to the user with its remote control.



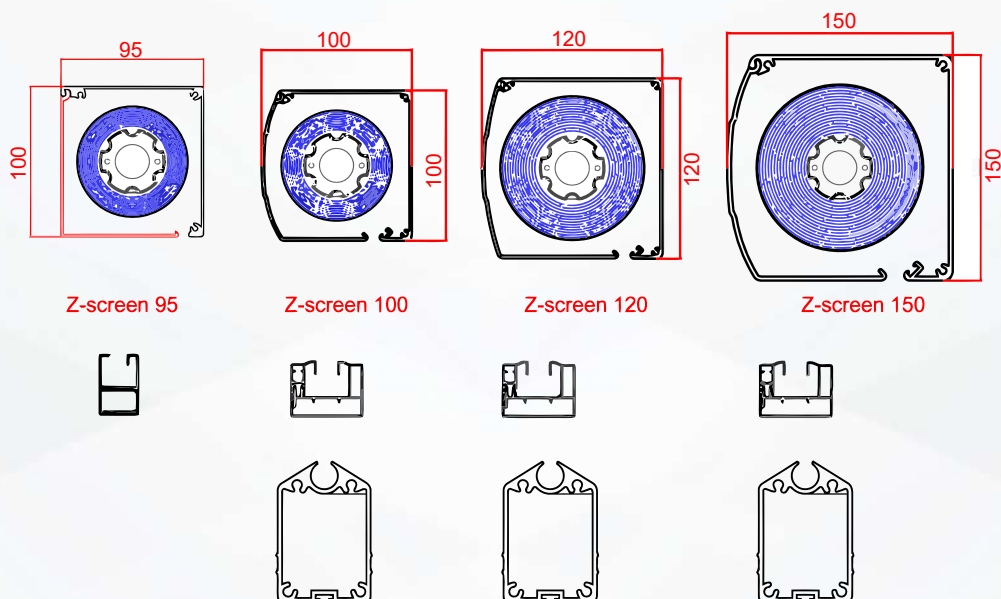
Technical



Soltis
Horizon 86

Soltis
Perform 92

Precontraint[®] Technology 5 year warranty





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Glazing Systems

Open / Close

Glazing Standard System



Glazing Standard System

- With its sliding folding panels and bottom track, it's especially suitable for balcony glazing
- Ability to mount on every kind of space with angular panel caps
- Not having a panel exit guide, it poses no problem with stores and curtains
- Enables maximum transparency due to its minimalist and robust profiles
- At bottom and on top 4 pieces of wheel systems in total
- Totally integrated, elegantly designed wall side aluminium profiles
- Enhanced insulation with extra wall side gaskets
- Aesthetic, different angular, high quality polyamide panel caps
- Corrosion resistant metal accessories





Glazing Standard System



Benefits

Protection from harsh weather conditions and external factors.

Easy to clean thanks to folding panels.

Not having a panel exit guide, suitable to use with stores and curtains.

Enables maximum transparency.

Ability to glaze different angular spaces.

Enables creation of extra spaces and enlarges your living area.

Reduces heating/cooling expenses of the building by increased insulation and extends building life cycle by reduced corrosion.

Technical Features

·Max. system height 2500 mm (10 mm glass)
2200 mm (8 mm glass)

·Max. panel width 650 mm

·Glass thickness 8 mm or 10 mm (tempered)

·Profile colours RAL or Anodised (pvc profile caps black colour)

·Especially for balconies or glazing needs with threshold, 1 opening - 8 glass panel

·Load capacity of each roller is 25 kg
(2 rollers are used in one panel)

Glazing Sliding System



Glazing Sliding System

- Maximum usage area due to non-hinged motion of panels
- Suitable for space partitioning, also ideal for entrances
- Special design for corners so easy to apply full system with great insulation
- Grab rails designed for easy use and enhanced security minimises water, dust etc. penetration at the same time
- Top and bottom wheel systems with maximum silence and comfort
- Bottom carriage, adjustable wheel systems
- Steady movement with cross design wheel system
- Full security with bottom profile locking panel locks
- Efficient and chic design of water discharge system at bottom rail
- Aesthetic, high quality polyamide panel caps
- Corrosion resistant metal accessories



Glazing Sliding System



Benefits

Protects from harsh weather conditions and external factors.

Easy to use with side moving panels.
Enables extra space in exits with no need for a hinged door.

Enables creation of extra spaces and enlarges your living area.

Reduces heating / cooling expenses of the building by increased insulation and extends building life cycle by reduced corrosion.

Technical Features

·Max. system height 2500 mm (10 mm glass) 2200 mm (8 mm glass)

·Max. panel width 850 mm

Glass thickness 8 mm or 10 mm (tempered)

·Profile colours RAL or Anodised (pvc profile caps black colour)

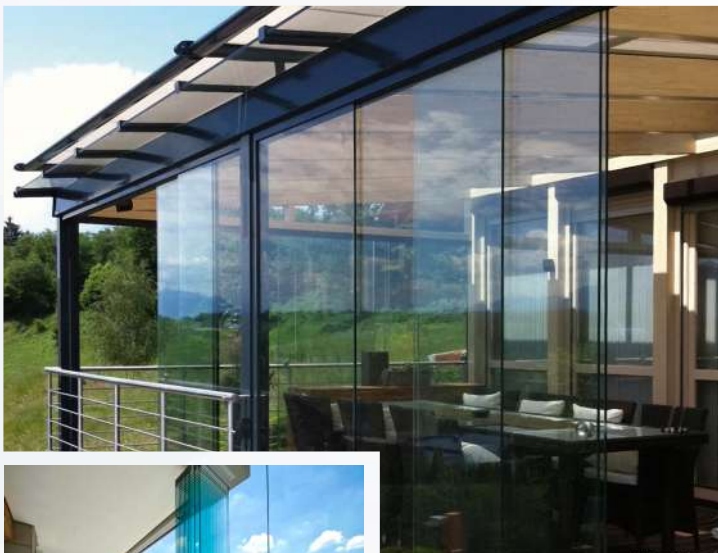
·Especially for space partition or glazing needs (floor to ceiling) with sliding panels.

·Bottom rail height; with threshold system 30 mm, without threshold option 8 mm

·Need project dimensions to prepare estimate. (5 channels - 10 panels)

·Load capacity of each roller is 40 kg (2 rollers are used in one panel)

Glazing Lux System (Top Hang)



Glazing Lux System

- Draw even the highest panels with one hand
- No tackling, no uneasiness of panel movements thanks to single piece design of parking base

- Long years of comfortable usage even in the highest glazings thanks to its robustness with glass pins and strong profiles

- Especially suitable for inner and outer spaces like cafes, malls, offices that require no threshold and need ease of space partitioning

- Special parking bay designs for different spaces:

- Parking bays parallel to track

- Parking bays perpendicular to track

- Multi integrated parking bays

- Ability to apply central wheeled panel systems without a parking bay

- Ability to apply with panel walls instead of glass

- Robust wheel systems that enable smooth and silent panel movement.

- Bottom and top panel brushes that minimise external factor penetration.

- Maximum security with hidden, in-between panels, to floor locking pins

- Wheel systems enhanced against corrosion and zamak alloy profile caps

- Easy mounting with adjustable hinge system

- Chic design of side frame profiles



Glazing Lux System (Top Hang)



Benefits

Protects from harsh weather elements and external factors.

Enables creation of extra open/closed spaces, enlarges and partitions your living area.

Especially suitable for entrances/exits thanks to its no-threshold design.

Easy to clean thanks to folding panels. Reduces heating/cooling expenses of the building by increased insulation and extends building life cycle by reduced corrosion.



Features

- Max. system height 4000 mm
- Max. panel width 1200 mm
- Glass thickness 10 mm (tempered)
- Profile colours RAL or Anodised (profile caps gray or black in color)
- Especially for entrance/exits that need no- threshold.
(system accumulates on a parking bay)
- Load capacity of each rollers is 60 kg (2 rollers are used in one panel)



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Glass Roof Systems

Open / Close

Movable Glass Roof



Automatic Glass Roof System is a ceiling system that closes with a remote control.

The heat-insulated size of the glasses provides shine. It gives you the chance to use the same daylight in your home from cold and heat.

You will catch the daytime sky watching the night stars transition. Indoor spaces turn into open spaces.

The winter room will destroy the warm room in cold and snowy weather, and the winter garden in dark winter weather. It also offers a visual beauty with its sliding glass balcony winter garden model.

Winter gardens expand their lives and bring the garden into the house in a way. Our winter gardens offer ideal thermal insulation and rational structures for low energy costs and high life.

With Winter Garden systems, you can make your garden both visually and modern.

You have a house with a garden and are in good working condition suitable for use or in better conditions; As Glass Balcony and Shading Systems, we offer you a wide range of model shading systems designs.

Movable Glass Roof



The Opening and Construction Features Of Automatic Movable Glass Roof;

In Systems Opening Up To 6000 Mm;

* Module Width Is Between 1500-2500 Mm.

* Intermediate Bar Profiles Are 50x150x3 Mm Steel.

* Aluminum Gutter And Feet Are Applied To The Front Facade.

* Back Steel Is 100x100x3 Mm.

* Min. Expansion Is Considered As 3000 Mm. In Systems With Expansion From 6000 Mm To 10000 Mm;

* Module Width Max. Must Be 1600 Mm.

* Intermediate Bar Profiles 100x200x3 Mm,

* Back Steel Must Be 100x100x3 Mm Steel.

* 120x120x3 Mm Steel Horizontals Are Applied To The Front And The Gutter Is Installed Outside.

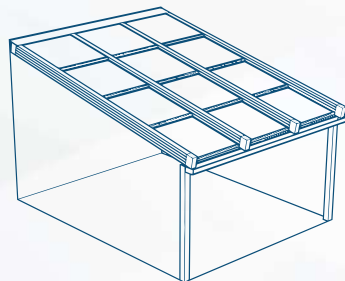
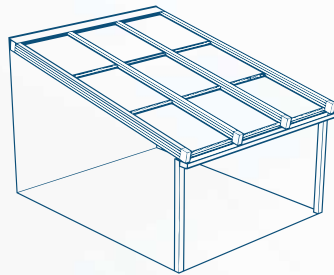
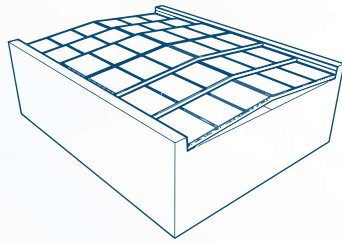
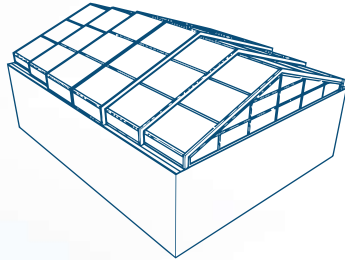
* 100x100x3 Mm Steel Is Used For The Feet.

* Water Discharges Are Provided From The Outer With Aluminum Boxes (60x60x2).

* Back Steel Must Be 100x100x3 Mm.



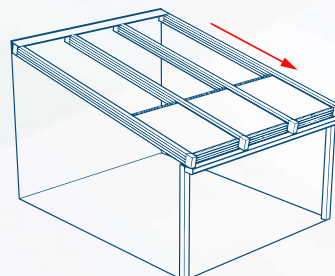
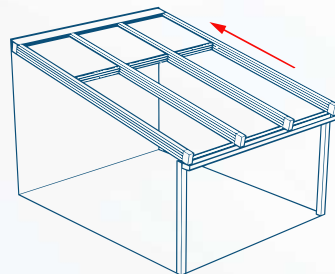
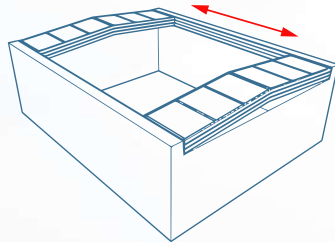
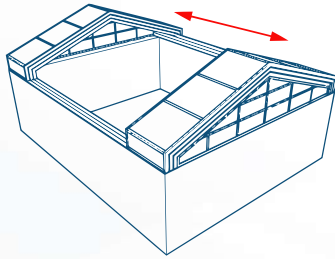
System Features



System Features For the system with the dimensions of 180cm H x 500cm L

- * Max opening is 10 mt.
- * System glass feature; It is insulating glass (6mm Cool Plus Temper + 16 mm gap + 8 mm Temper).
- * The steel dimensions used between the systems are 50X150X3mm.
- * 150X160mm aluminum special water drainage chute is applied as a water drain.
- * 120X80mm special vertical feet used as vertical carriers are also used for water discharge flow.
- * 80X80X3mm is used as back carrier steel.
- * Engine brand is MOSEL. Somfy motor is available upon request. It has a 2 year warranty.
- * Belt system is special series M8 belt.
- * Front heads are tensioned with belt adjustment, making it easier to access the system.
- * The wheels are casterite on a stainless bearing.
- * Each glass has 6 wheels.
- * Side carrier rails are the thickest series, 1 mt is 6 kg.
- * There is a special extra water trough under the rails.
- * All screw group is stainless.
- * The system is evaluated according to the project as 1 fixed 3 openings or 1 fixed 4 openings.
- * There is a 100% waterproofing guarantee.
- * Internal or external curtain systems can be applied to the system on request.
- * LED strip (in the box) or recessed lens spot lighting can be used for lighting.

System Features

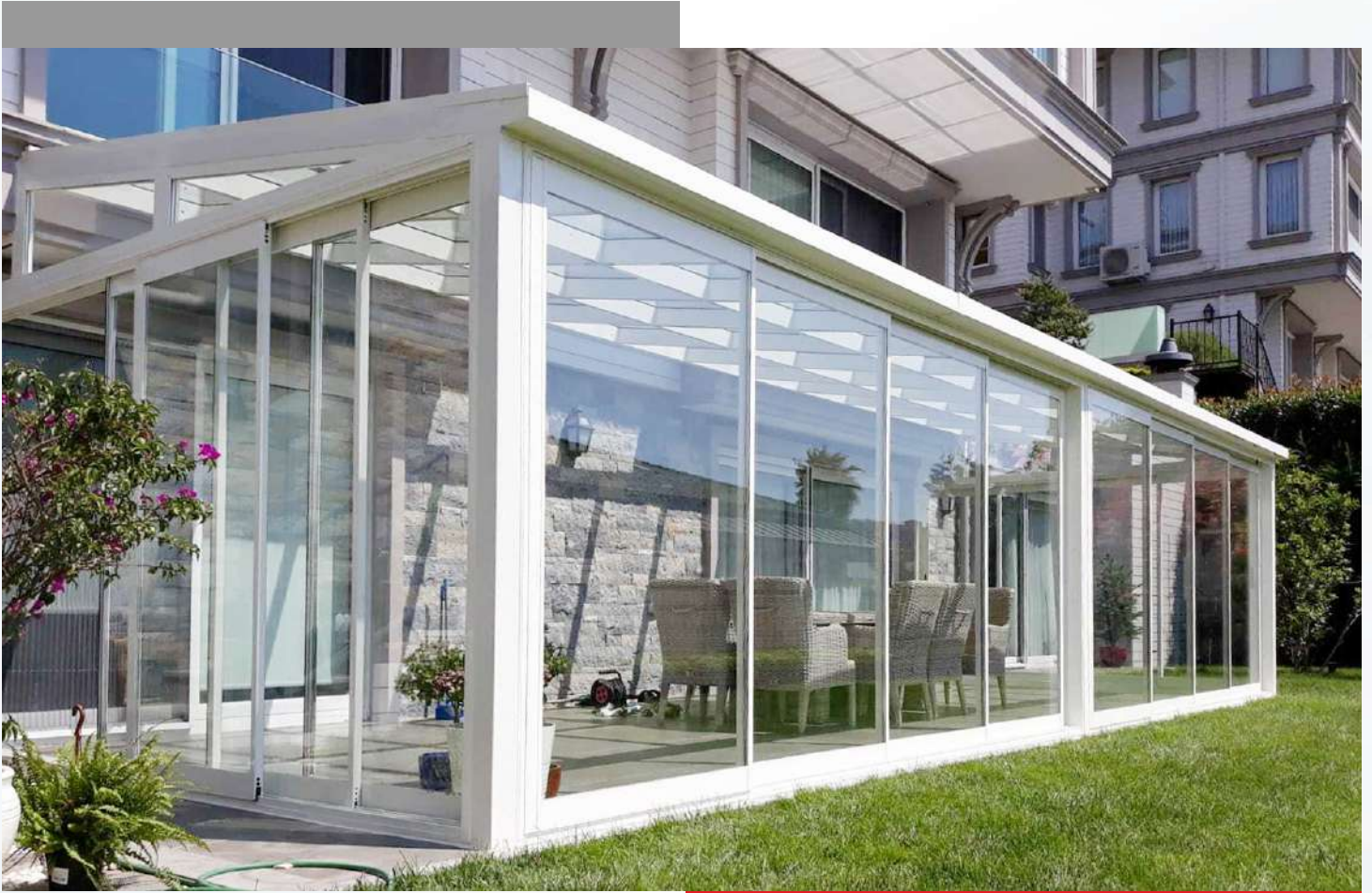


System Features For the system with the dimensions of 500cm H x 1000cm L

- * Max opening is 10 mt.
- * System glass feature; It is insulating glass (6mm Cool Plus Temper + 16 mm gap + 8 mm Temper).
- * The steel dimensions used between the systems are 100X200X4mm.
- * 150X160mm aluminum special water drainage chute is applied as a water drain.
- * Water drains are provided with 60X60X2mm aluminum boxes.
- * 100X100X3mm is used as back carrier steel.
- * 120X120X3mm horizontally 120X120X3mm steel carrier is used on the front facade and 120X120X3mm vertically.
- * Engine brand is MOSEL. Somfy motor is available upon request. It has a 2 year warranty.
- * Belt system is special series M8 belt.
- * Front heads are tensioned with belt adjustment, making it easier to access the system.
- * The wheels are casterite on a stainless bearing.
- * Each glass has 6 wheels.
- * Side carrier rails are the thickest series, 1 mt is 6 kg.
- * There is a special extra water trough under the rails.
- * All screw groups are stainless.
- * The system is evaluated according to the project as 1 fixed 3 openings or 1 fixed 4 openings.
- * There is a 100% waterproofing guarantee.
- * Internal or external curtain systems can be applied to the system on request.
- * LED strip (in the box) or recessed lens spot lighting can be used for lighting.



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Fixed Glass Roof

Open / Close

Fixed Glass Roof



FIXED GLASS ROOF

Glass ceiling, with its specially designed aluminum profiles, has a holistic system approach.

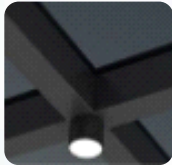
It is an uninsulated winter garden system with an aesthetic appearance that can be applied between 2°-22° inclination.

Application of different geometric forms enables designs that meet and exceed your needs. Its specially designed steel support profile enables the user to carry out desired carrier reinforcements without disturbing the visual appearance.

Despite the thin appearance, its thick internal structure allows a durable and long lasting winter garden. Insulation wicks used in the winter garden system are produced according to EPDM standards.

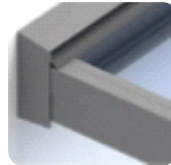


Fixed Glass Roof



Lightening

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



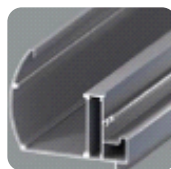
Articular Structure

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.



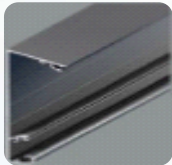
Glass combinations

Optionaly, 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.



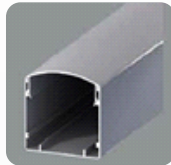
Rain Gutter

Our Rain Gutter profile is 152mm x 127mm in size and 4.600 gr per meter. weighs. it collects rain water over the system and transmits it to the pillars at the bottom and discharges the water. in addition, as a front beam. it is an element that gives strength to the Fixed Glass Roof System.



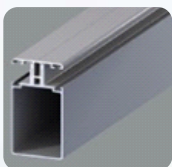
Wall Profile

Our Wall Profile is 70mmx170mm in size and 2000gr perm eter 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.



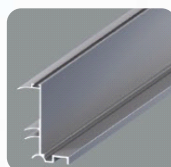
Strut Profile (Column)

Our Strut Profile is 120mmx 110mm In size and is 3700gr per meter weighs. It completes the evacuation of rain water coming from the stream profile Consisting of two parts, this profile is mounted on the ground with a concealed flange. Thus, it offers a clean and aesthetic appearance.



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



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

Glass Options

Single Glass: 10mm(5 + 0,76 + 5) Tempered and laminated transperent glass
Double Glazing: 24mm (4 + 16 + 4) Low-e Tempered and laminated transperent glass
The Glass thickness can be min. 8 mm and max. 30 mm

Glass color options: Natural Transparent, Smoked, Smoked Reflected

References



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