



2020

General catalogue

ALUMINANTE

ALUMINANTE is the world leader

on the aluminium market, the Turkish company that combines the powers of the Norwegian, German, Italian engineers, designers, developers and architects in the sphere of aluminium industry. Worldwide coverage and local presence in the production of aluminum extrusions, accessories and building systems mean that we can build a brighter future together.

Our systems are engaged in more than 40 countries.

We offer comprehensive approach in the area of development and production of aluminium extrusions and accessories, architectural aluminium systems as well as systems for industrial use. Engagement of mechanical and surface treatment, such as anodizing, lamination, polishing, varnishing and final details assembly simplifies the performance of the following actions for our clients, such as production of the ready-made components and delivery of system decisions.

Within the framework of the world group of companies ALUMINANTE has an access to the wide range of pressure machine dimensions, leading technology for the creation of aluminium alloys and general know-how established thanks to the merger of the Research and Development Center of the Norwegian, German, Italian companies.

We are where the client is, independently from the national borders. We take care about permanent improvement of the products' quality and service.



Our anodic oxidation plant

has got the capacity of making 11.000 tons of profile anodic oxidation annually. The length of our anodic oxidation baths is 8 meters and there the profiles till the length of 7.60 cm net can be made anodic oxidation. In our plant besides the standard 12 micron of coating, the anodic oxidation process from 5 micron to 30 micron depending on the request can be made peculiarly. It is possible to make polished luminous profiles, satin opaque profiles and silver, yellow, bronze, black colored anodic oxidations at the same time in our anodic oxidation plant having the latest technology of Turkey.

Our electrostatic paint line has got an oven length of 36 meters and double paint cabins and the profiles until the length of 7.80 cm can be painted in our line in which 180 kinds of RAL colors of 7.000 tons of aluminum profiles can be painted.

All the moulds of our aluminum profile systems are made with the developed CNC machine tools and equipments in our molding room present within the constitution of our factory and our annual capacity of mould production is 1.400 pieces. The molds of the systems which are developed in its own Research & Development department of our firm are produced with great precision and the profile production is started following various test stages.

All kinds of profile processing works requested by our customers are made in our confection line having the developed machinery line where the processes such as cutting, boring, bending, burr removing, bar coding can be made and are packed in conformity with the demand.

55% of the production in our plant of our firm that is experienced in the aluminum curtain wall, door, window sectors consist of the architectural products such as doors, windows, face wall profiles. Our technical team of 12 persons consisted of Architectures and Engineers produce new systems and change the currently existing systems. All of our systems are being passed through various experiments and tests and our Development & Search department which aims to reach the products without any problem to you, is ready to perform any kind of demand to be received from you rapidly.

Our company which exports 40% of its production to 21 countries to the European countries at the first hand also has been giving service to vendors and corporate customers exceeding 300 inside the country. Our company has been giving fast, local and trustworthy service through our offices in Frankfurt/Germany, Tehran/Iran, Bucharest/Romania, Pristina, Kosovo.

Our factory, which has got a lot of certificates of quality and standards like TSE, GOST, CE, CPTP, ISO, QUALONAT, is ready to submit you the best profiles and profile systems along with its high capacity, its wide range at the profile series and the production experience.



Rotary Motorized

BIOCLIMATIC

PERGOLAS

ACURA Q27

economy class





Bioclimatic Pergola ACURA Q27

The innovative model of the aluminum pergola ACURA Q27 allows for individual climate control and create the perfect microclimate. Ergonomic and stable design, excellent resistance to strong gusts of wind and easy to install on any type of surface. It has an incredibly stylish and aesthetic design.

Pergola ACURA Q27 with slewing lamellas is a unique solution on the market from Aluminante. The popular bioclimatic pergola was developed by our specialists, especially for favorable outdoor recreation, as well as protection from the sun and adverse weather conditions. This made it possible to significantly improve the performance characteristics of the product and create a better price offer without loss of quality.

Aerodynamic rotary slats are made of extruded aluminum and have a rotation angle of up to 90 degrees. Create an ideal microclimate, due to individual adjustment of the level of lighting and air circulation. In the closed state they form a roof impervious to rain and sun. Aluminum lamellae practically do not heat up and do not emit harmful fumes.

Support beams and columns are made of high quality aluminum and coated with thermosetting powder paint. Fasteners are made of stainless steel. The model ACURA Q27 has the highest class of wind resistance on the Beaufort scale and is stable with a wind strength of 10 points. Additionally integrates a wide range of additional options. The average service life is 10 years.





Main application: cafes, restaurants, winter gardens, country verandas and terraces, - patio, outdoor pools.

Principle of operation:

Aluminum blades that make up the roof, first open, turning at a certain angle, and only then by moving to the side, opening the pergola. This solution allows to achieve effective and natural ventilation, helps to freely adjust the level of illumination. One touch to the button or control panel, the pergola will be fully open or closed.

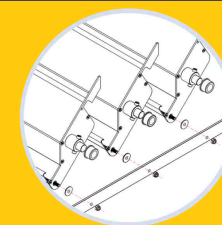
Installation time: 5 to 8 hours

The advantage of bioclimatic pergolas ACURA Q27 is the horizontal shape of the roof. A gasket (compactor) located between the labelle, 25–30 cm wide, will not let dew and drops of rain get inside.

Like other pergola systems from ALUMINANTE, ACURA Q27 is equipped with integrated drainage and LED lighting.

Features:

- A new approach to a new generation.
- Modern aesthetic form
- Color for every taste
- Easy to install and use
- Silent operation
- Ability to withstand high wind pressure and dynamic load
- Control selection, push-button control (switch) or several remote control options
- Controlling fresh air indoors
- Ability to open and close with minimal effort
- The ability to control the engine via USB when the power is off



Specifications:

- Aluminum frame thickness from 3.5 mm to 5 mm.
- Built-in spillway system.
- Engines Somfy France.
- Fasteners made of impact resistant and stainless steel INOX.
- Panel thickness 3 mm.
- Seals between the panels.
- The distance between the rails is 300 mm.
- Without tilt angle.

Additional options: * Sun sensor * Rain sensor * Wind sensor



Acura bioclimatic pergola

The Acura bioclimatic pergola with synchronous opening allows you to arrange a cozy and comfortable rest area with natural ventilation at home.

Modern technologies have made it possible to equip this type of arbors with automatic sensors, remote control and drains for collecting rainwater, a built-in drainage system that allows you to divert rainwater to the base of the racks. Integrated LED lighting creates a pleasant atmosphere on the terrace.

Pergolas are made from primary extruded aluminum, which allows them to be strong and stable.

If the roof of the bioclimatic pergola remains closed, the water does not get inside, and you can enjoy fresh air on the glassed-in terrace.

Compared to other types of bioclimatic pergolas, it stands out because it has a horizontal surface and weather - resistant aluminum slats that can be moved sideways and enjoy a fully open roof.



The exclusive advantage of this type of pergola is, of course, the impression of luxury that remains when you look at it, which makes it an excellent choice for restaurants, cafes or hotels, contributing to an increase in the flow of customers.

Pergola can be integrated with glazing and sun protection systems, such as guillotine glazing and sun protection zip system, as well as other glazing systems.

It is also possible to install several modules sequentially.

Rotary sliding

BIOCLIMATIC **PERGOLAS**

AUTOMATIC **ACURA**

WINTER GARDEN





Features :

Aluminum blades, which make up the roof, first open, turning at a certain angle, and only then move to the side, opening the pergola.



Characteristic:

- * Width 4000 mm
- Cast 6000 mm
- * SOMFY motor
- High wind stability scores of 11 on the Beaufort scale.
- Various RAL colors can be used.



Tent Motorized

**ALUMINUM
PERGOLA
VISTA**



Aluminum Pergola VISTA

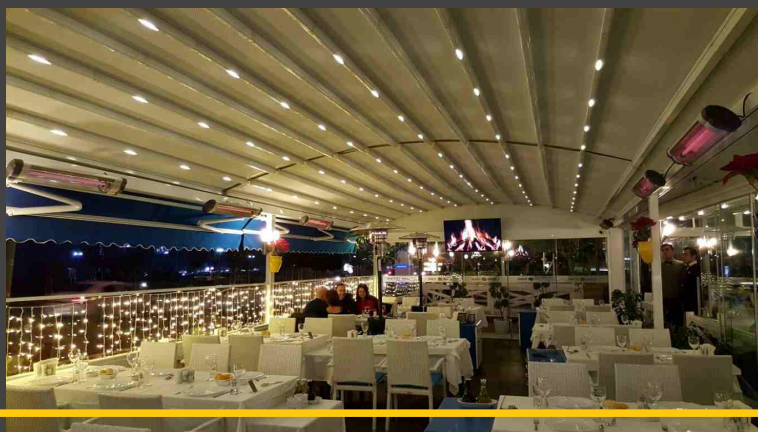
Thanks to innovations in the field of sun protection and shading, Aluminante automatic pergola systems have become an integral part of the architectural solutions of urban space and private property. Motorized pergolas fit into the shape of restaurants, cafes, hotel complexes, country houses and cottages.

These are not just designs that shade the space, but a comprehensive solution to protect against changeable weather - the sun, rain, hail, snow and wind.

Versatility and multifunctionality makes the VISTA pergola more and more popular. They are equipped with built-in spillway systems and LED-lights. The main components of lighting and drainage are fully integrated into the profile, which is important from both a practical and aesthetic point of view.

Automatic roofs of reinforced awning with aluminum frame are also practical because they are remotely controlled using a button or a remote control. Installing climate-sensitive sensors reduces human involvement to a minimum — the pergola opens and closes on its own, in accordance with changing weather conditions. These additional options (sensors of wind, sun, rain) bring the pergolas closer to the elements of the “Smart Home” system.

Pergola VISTA systems are issued more than 10 years. All these years, Aluminante engineers and technologists have been refining the design to make it flawless. The company focuses on the reliability and quality of components.



Specifications:

- Awning: 4-layer reinforced PVC SIOEN Belgium (density 900 g / m²)
- Engine somfy France
- The thickness of aluminum is 3.5 mm-4.5 mm.
- Fasteners made of impact and stainless steel INOX
- Built-in LED lighting. Built-in spillway system
- Wind load 160 km / h
- Weight load 320 kg / m²

Benefits :

1. A new approach to a new generation
2. Protects from rain, wind and snow
3. Modern aesthetic form
4. Applicable to individual sizes (yard, garden, balcony, etc.)
5. Makes it possible to use a larger area.
6. Resistance to strong winds.
7. Level control.
8. Easy to install and use.
9. Protects against color fading.
10. Saves energy - discoveries.
11. Button control, remote control, and it is also possible to control using a tablet or phone.
12. Ability to withstand high wind pressure and dynamic load
13. Silent work.
14. Low operating costs.
15. Easy to install and manage.





Rolling Motorized

AUTOMATIC
GLASS ROOF
SKYTECH



Automatic glass roof Skytech

New mobile elements in cafes, restaurants and private homes help combine the interior with the space of the street and garden. Aluminante contributes to technology and introduces Skytech sliding glass roof

The Skytech sliding glass roof is a ceiling for cafes, gazebos, summer terraces in country houses, greenhouses. The sliding structure of such a roof consists of double-glazed windows or paintings of moving glass, as well as aluminum profiles that can easily withstand heavy loads, the influence of weather and sudden changes in temperature.



Glass panels are driven by an electric motor, and each of them can move in a separate order. The design involves the simultaneous opening of 2/3 sections. The sliding glass system opens and slides smoothly without making any noise. One-click on the remote control allows you to fully open the opening and enjoy the view of the sky, not limited to bulky designs and frames.

Skytech has an increased degree of tightness of double-glazed windows, noise and heat insulation. No precipitation or extraneous sounds will harm the quiet relaxation and life of those who are indoors. At Skytech, a drainage system consisting of external and internal gutters is carefully thought out, which allows protecting the internal space from moisture. A similar design principle and accurate miscalculations of all its characteristics allow us to perform two main tasks at once. Ensure complete comfort and security, as in a completely monolithic structure, while creating illumination, ventilation, and proximity to nature, as in an open gazebo or veranda.



The architectural style of construction can be anykind because Skytech profiles are not only fasteners but also decor. The choice of color is carried out using the RAL scale, it is also possible to design with a pearl metal coating or applying a "wooden print".

The area of the room is not important since such a sliding roof is suitable for overlapping any building. The only factor that should be taken into account when designing Skytech is that the maximum possible panel dimension is 1500 × 2500 mm.



Skytech Features:

High stability and reliability provide:

- Installation on special metal supports or on its frame;
- Using durable aluminum profiles;
- Reinforcing profiles with a metal rod of square section;
- Use of tempered glass in double-glazed windows.

Protects from natural phenomena and external influences:

- The tightness of double-glazed windows;
- Internal and external gutters, performing the role of a drainage system;
- Independently standing design;
- Low heat transfer;
- Increased sound insulation of the system.





GLASS ROOF PRADA

Ceiling system for winter garden or veranda



Prada - ceiling system for winter garden or veranda

Aluminante has developed a system designed to build free-standing winter gardens, as well as other structures such as greenhouses, verandas, etc. Prada is the new freestanding floor system.

The Winter Gardens system has emerged in the form of a design that makes it possible for users to directly contact nature and the surrounding landscape. This type of construction should provide a new quality of life in the living area, with light falling from above. Thanks to this, we get excellent lighting of the room, as well as the optimal mood of the interior. In the traditional interpretation of the Winter Garden is a non-heated porch used in the spring-summer season, allowing you to relax near nature. Our goal was to design such a system so that it could be used as living quarters throughout the calendar year.

The main idea of the system is the ability to build an independent, integrated roof structure from thermally insulated aluminum profiles. The aluminum - glass roof consists of rafters and sub-rafters of a characteristic shape of an inverted "T", resting on continuous profiles of the canopy beam and the adjacent wall joists. The whole is supported by the profiles of the racks. This idea allows you to build a structural frame of the winter garden with the ability to fill openings that have arisen in vertical walls, independently by windows and doors, and also allows you to form even the most complex roof geometry.

The canopy beam and the wall adjoining the adjacent beam are the main structural profiles of the roof. They are designed in the form of hinges on which the roof structure is supported, and free rotation of the roof plane is possible from 5° to 45 °.

The rafters and sub-rafters on the inside of the room give a smooth surface integrated with the plane of the glass, separated by beams. The visual effect and strength are obtained from the outside of the roof due to the characteristic external shape of the rafters and roof rafters and glazing beads under the glass.



Aluminante's Prada Winter Gardens system meets the highest demands in profile

insulation, rainwater tightness, and airtightness, and ensures proper ventilation when using appropriate ventilation equipment regardless of the weather.

To ensure effective drainage of water from the roof and for proper ventilation, a system of profiles of rafters and sub-rafters connected in a cascaded manner to each other, as well as rotational profiles of the canopy beam and the wall adjacent beam, has been introduced. This additionally provides easy installation and simple processing of rafters in the workshop.

The profile of the canopy beam is equipped with an integrated internal drainpipe, which prevents the accumulation of condensate on the glass from the inside of the room.

Full waterproof and wind density is achieved thanks to the introduction of solid EPDM membranes, which at the same time do not allow external cold air on the inner surfaces of aluminum profiles.

The profile of the outer drain pipe in the Prada system is attached independently to the canopy beam, which simplifies the profile and also makes it easy to give any shape to the drain pipe, depending on the requirements of the clients, to give any style.

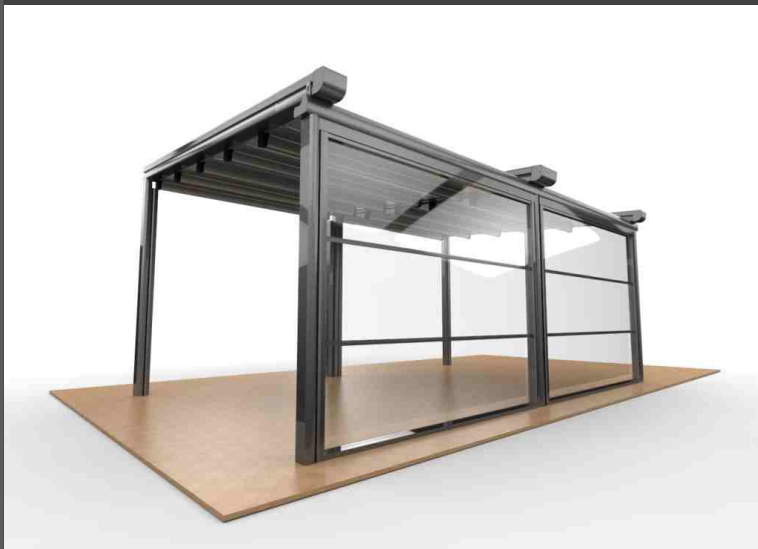




Vertical Motorized Glazing

VERTICAL

SKYLINE



SKYLINE



SkyLine transforms an open area into a pleasant place to give people unforgettable comfort. The use of traditional sliding systems interfere with the integrity between the inner and outer space. Aluminante provides the SkyLine system to ensure integrity.

Motorized system with a vertical opening controlled by a button, remote control, as well as possible control using a tablet or phone.

SkyLine is the ideal solution for glazing residential and commercial facilities. Allows the user to fully control the height of the glass. This opens the way for fresh air and light to entertain the environment.

Instead of traditional sliding glazing systems, we offer a new solution in the field of glazing.

Our customers are free to choose the color of aluminum and glass to guarantee a combination with the concept of hotels, cafes, restaurants, balconies, etc.

Thanks to its elegant appearance, SkyLine increases the reputation of the establishment, which gives the owner the growth of customers.

In winter, the glass can remain in the closed position, and the room can be heated with gas or electric heaters.

The above advantages, in a short period of time, contribute to the return of investment spent by the owner and the place will become more profitable in that area.

Advantages of Vertical Glazing SkyLine

SkyLine is a new approach to the generation of glass, used for private, public and commercial purposes.

Our innovative glass and aluminum systems will enable you to find a solution even in complex architectural projects or renovations.

Pure style and the absence of visible screws offer elegance in design.

Unlimited review:

The system has small frames and minimized sash, which opens up the possibility of an unlimited view.

Space saving:

In the system, glass moves vertically up or down, so you can set the table and chairs or use as a passage.

Daylight:

The large dimensions of the glass contribute to the ingress of daylight into the room, which provides natural lighting and energy saving.

Silent operation:

Due to the dynamics of the system and the special belt, the system works silent.

Ease of management:

Modules can be controlled both individually and simultaneously with one remote control, with just one touch of a button.



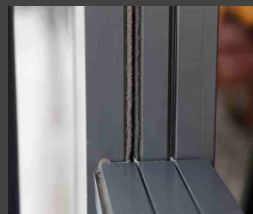
Benefits:

- Cold and warm glazing system
- The possibility of a large selection of colors for profiles
- Good insulation and heat insulation
- Full protection from rain and wind
- The full review, thanks to elegant profiles and the big space of a glazing
- In a panoramic glazing out of competition
- The system is very convenient for glazing of balconies and terraces
- The system is well combined and very practical for winter gardens
- Conveniently controlled remotely
- Thanks to the lower stationary part in some subsystems conveniently as a parapet, or fencing

- Ability to use rain and wind sensors
- The ability to install motion sensors (that is, a motion sensor is installed to automatically close the lock when you are not at home and you would like to ventilate the room in your absence)
- One more option: when glazing balconies with this system, we install a touch sensor for children from the inside. In case of a children's exit to the balcony or to the loggia, the system automatically closes the glazing opening.
- The system is convenient for old people and people with disabilities.
- The system with a lifting belt can work up to a height of aperture of 6000 mm.
- The system is adapted to both single glass and glass for the warm version

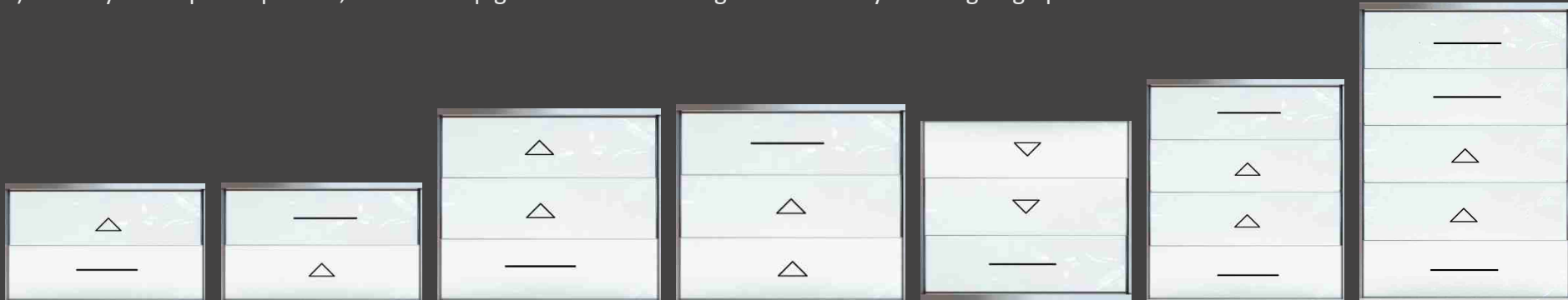
Opening and closing methods:

- Stationary button
- Using the remote control (the most used)
- Automatically - if you have rain, wind and motion sensors installed



Types of opening:

- A) If the system opens down, then the bottom glass remains fixed, while the others are moving.
- B) If the system opens upwards, then the top glass becomes fixed glass and the system is going upwards.



Features:

- * A new approach to a new generation.
- * Modern aesthetic form
- * Unlimited field of view
- * Color for every taste
- * Ability to use different amounts of glass
- * Different size options
- * Easy installation and use
- * Glass level adjustment
- * Silent operation
- * Ability to withstand high wind pressure and dynamic load
- * Low maintenance, easy cleaning and glass replacement
- * All precautions are taken
- * Control selection, push-button control (switch) or several remote control options
- * Extensive use of space
- * Controlling fresh air indoors
- * Wind protection thanks to adjustable glass levels
- * Ability to open and close with minimal effort
- * Can be used as balustrades
- * More reliable than standard glass fencing systems
- * The ability to control the engine via USB when the power is off





ALUMINUM by Aluminante

DOORS

FOLDING PIEGA

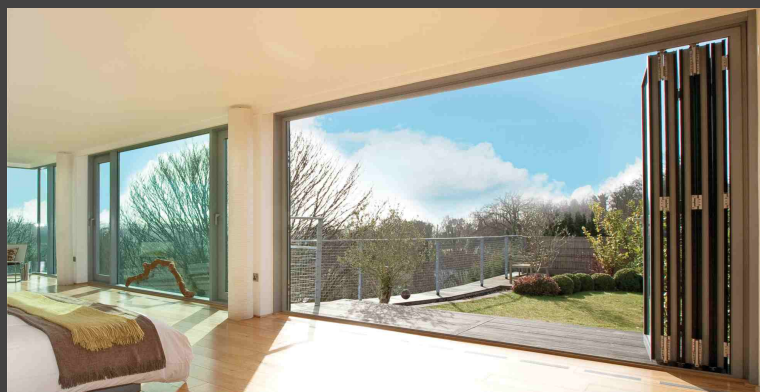


Aluminum folding doors – PIEGA

This is the best solution to save space in the room, as well as the functionality and comfort of your home. Folding Doors can be used in rooms as a partition. They are suitable not only for small apartments, but also will be able to decorate any interior - a cafe, restaurant.

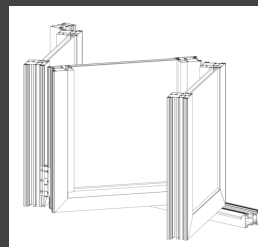
This system of Aluminante is ideal for use in residential premises, shops, car dealerships, restaurants, places of recreation and entertainment, where you need to block (cover) a wide opening.

Often these structures are used for periodic use, i.e. most of the time, they are fully closed or open (seasonal use is winter-summer, commercial use is weekdays-weekend, etc.). In the open version of the sash shifted to the corner of the structure, forming a small "parking" for the sections, the aperture remains completely free.



Due to the fact that the rollers, with the help of which the doors are moving, are hidden in the upper and lower guides, nothing "superfluous" remains on the open structure (there are no visible overhead elements, the rollers and hinges are installed in the internal grooves of the profiles).

Even if the structure is closed most of the time, it is possible to use the last section as a permanently operating entrance door. In the standard version, the flaps and guides are sealed with two rubber seal (gasket) circuits. For convenience, a threshold is provided in the system (lower guide), which can be completely buried in the floor, in this case, tightness is carried out using brush seals.





Benefits:

- There is a cold series and a warm series with a thermal bridge;
 - Provides an opportunity from the 3 to 7 folding opening;
 - Width of a leaf is 480-1200 mm, and height is 3000 mm;
 - The maximum size of the structure is up to 6 meters;
 - 80% open light opening;
 - High rates of wind, moisture and air tightness;
 - Different RAL or anodizing colors can be used;
 - Reliable anti-burglary fittings, provides increased hermetic closing of the valves and protects the room from intruders;
 - A large selection of glass: tinted, shockproof, can be decorated with sprosam
- The aluminum profile can be painted in any color of the RAL range, which will allow to solve any design problems and fit the door structure into the uniform style of the interior and exterior of the building.

System Characteristics:

- * Thermal insulation is provided by a thermal bridge made of glass fiber, reinforced with polyamide, the thermal bridge width is 18mm in the frame and in the casement.
- * Leaf depth 50mm.
- * The use of special fittings combining the functional characteristics of a loop and a Teflon roller, as well as rolling along the upper guide, ensures reliable construction.
- * Use of bolt locks and latches.
- * The use of profiles to level the irregularities of the wall.
- * The number of leaves folding in one direction should be odd (1,3,5).
- * Filling 4-26mm.
- * Recommended leaf dimensions: width 700mm, height 2500mm. The weight of a leaf is no more than 100 kg.
- * It is not recommended to use structures with the number of folding in one direction, more than 5 units.

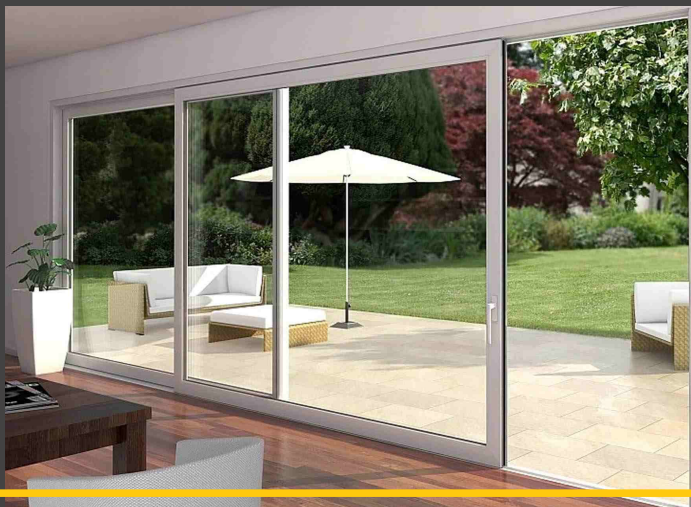
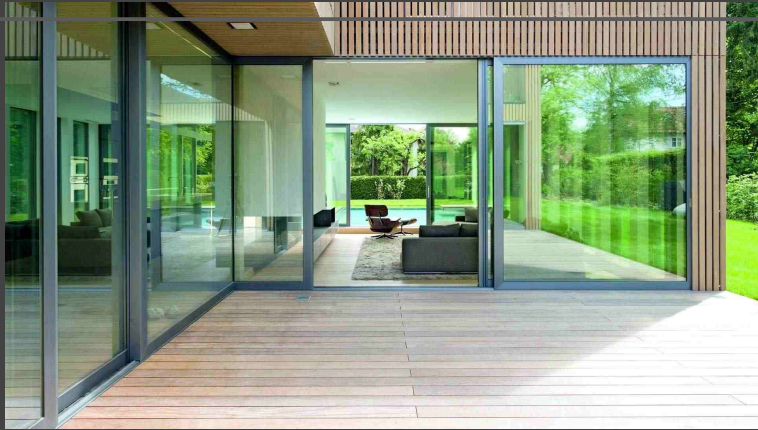


ALUMINUM by Aluminante

DOORS

**LIFTING
SLIDING**

AGIO



Lifting - Sliding Aluminum Doors AGIO

Lift and Slide door construction by Aluminante embodies the modern concept of moving large-size glazing of an external door opening. Lifting-sliding doors have already earned a reputation as a truly functional and stylish solution for the design of a large light opening.

Due to its tightness and high thermal insulation performance, lift-and-slide doors help to ensure reliable protection of the room, increase natural lighting and even save its usable area. Moreover, such structures can serve as a complete replacement of the walls, visually combining the terrace and the interior.

Considering the fact that lifting and sliding doors made of aluminum are not intended for places with high traffic, such structures are more likely to be suitable for a country house, luxury hotel rooms, small office premises, etc.

For glazing of winter gardens, terraces, pools and many other rooms. Such a system can replace one of the walls of a bedroom or living room, making it lighter and more spacious.

Opening the sliding door occurs when the sash is raised. The advantages of such a system is that it makes it possible to make almost sliding "walls" while maintaining excellent tightness and thermal insulation.

The principle of operation is based on the shift of one leaf after another when opening, therefore, opening the opening to the full width when using such a system is impossible.

What is the peculiarity of the AGIO sliding system?

Our sliding structures are characterized by excellent thermal insulation performance and are the best solution for a passive house, as they provide minimal heat consumption with a large glazing area.

The partitions are easy to use, do not require significant effort when opening, provide a simple way out - the system has a low threshold, which simplifies the care of it.



Benefits:

- Provides an opportunity of the 2, 3, and also 4 folding opening;
- The maximum size of the structure is up to 12 meters;
- The sash weight is up to 400 kg, its width is 780-2500 mm, and its height is 1200-3000 mm;
- High rates of wind, moisture and air tightness;
- Installation of automatic drive;
- Different RAL or anodizing colors can be used;
- Reliable anti-burglary fittings, provides increased hermetic closing of the valves and protects the room from intruders;
- Large selection of glass: tinted, shockproof, energy saving.

Characteristics of the sliding system:

- small visible sash width - 86mm or 97mm
- sash weight 200-400 kg
- the width of the visible part at the junction of the valves is only 47 mm, which creates maximum transparency.
- low threshold profile, with intelligent drainage system
- classic version with the same frame profile around the perimeter
- high thermal insulation $U_f = 2.9-7.3 \text{ W} / (\text{m}^2\text{K})$ depending on the profiles used



The only disadvantage of the lifting-sliding design is that plowing the opening to the full width is impossible, since the principle of the movement of the valves is based on the shift of one leaf behind the other.



Frameless

**SLIDING
GLAZING**

**ORIZZONTE
THERMO**



The ORIZZONTE THERMO frameless sliding glazing system is a new category of interior design that allows you to visually expand the space, give it a unique appearance, make it brighter, more open and more enjoyable.

The system of sliding slider glazing for a double-glazed window of 20 mm. Designed for warm glazing of terraces, gazebos, verandas. Thanks to the possibility of installing a double-glazed window, the system allows you to improve the frameless glazing of your object and make it much warmer, and more practical.

The system with slider (sliding) opening of the shutters is a unique frameless glazing system for any type of openings.

This design has a light appearance and is easy to use, the shutters move smoothly on rails with the help of rollers - even with large dimensions of the structure, the shutter travel will be smooth and without noisy. One of the advantages of the system is that it is inferior. those. the entire weight of the wings is on the floor. The peculiarity of the system is that all the leaves are interlocked with each other and move independently. Therefore, pushing the first sash, you can close the entire system - the sash will stretch out of the parking lot one by one and they will stand in the right position. This sliding type system allows you to open 80% of the light opening.

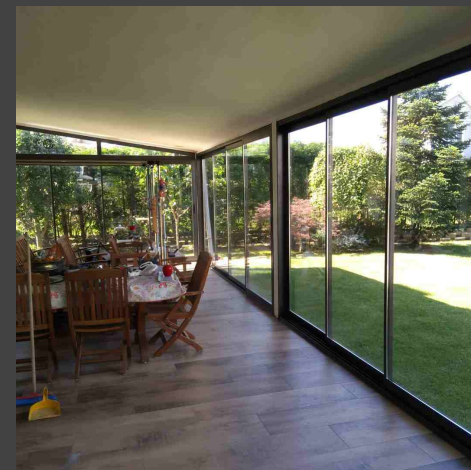
Each leaf moves on rollers resting on the lower profile. The lower profile is attached directly to the floor covering (tile, terrace board). In this case, excellent sliding doors are obtained in the center of the system. 20 mm double-glazed glass used in the systems provides a warm, quiet and peaceful living space, providing sound insulation.

ORIZZONTE THERMO is ideal for glazing:

1. Balconies and loggias.
2. Verand
3. Terrace.
4. Winter Gardens
5. Cottages and gazebos.
6. Showcases in large shopping centers.
7. Office partitions.

System Privileges:

- Significantly warmer than single glass systems
- Increased sound insulation
- Do not fog up the glass
- More tight





Benefits:

- The system allows glazing long openings.
- Due to the use of double-glazed glass, the room will be warmer.
- The system provides maximum panoramic views because of 1.3 meter wide wings. The sashes at the same time move absolutely easily and silently.

For maximum insulation, the system uses 3 layers of wind seals:

- applied between sashes,
- between the sash and the lower, upper guide profiles,
- as well as in places where the sash adjoins the side frame profiles.

The use of a universal threshold allows glazing arbors, terraces, restaurants and cafes, where people are allowed to pass. He does not interfere with walking at all.

- Specially designed high-quality accessories, ensure smooth sliding of the sash and withstand a load of up to 120 kg.

Due to the possibility of installing a 20 mm double-glazed window, the system allows you to improve the glazing of your object and make it much warmer, and more practical.

Locks in the system can be installed at the desired height along the vertical axis, creating ergonomic use. This ensures safe use by locking inside and out.

Innovative glass systems are designed to provide user convenience.

Specifications:

Slider type system

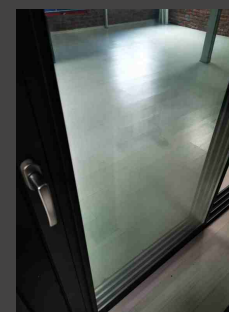
The system uses a 20 mm double-glazed window

Profile color: RAL anodized

Profile color: RAL anodized

Recommended sash width 1300mm

Recommended sash height 3000mm.



From a wide range of systems, we will select the most suitable for functionality and practicality, meeting all modern requirements for products.

The ORIZZONTE THERMO system has a good seal - 4 loops of felt between the leaves, two loops of felt between the leaves and the frame and two loops between the lower casement and supporting profile. The system uses reinforced rollers to ensure smooth sliding of the wings. Each roller can withstand a load of 120 kg, the width of the sash can reach 1300 mm.

For high-performance and convenient systems, our company carefully monitors all production processes.



Frameless balcony systems

**SLIDING
GLAZING**

SPAZIO
Q15



Frameless sliding glazing SPAZIO Q15

The system of cold sliding panoramic glazing of terraces, cafes, restaurants, gazebos and windows with sliding opening of sashes is a unique system of frameless folding glazing for any kind of apertures from Aluminante. This design has a light appearance, and is easy to use, the sash moves smoothly along the guide with the help of rollers - even with large dimensions of the design, the sash movement will be smooth and silent. Due to its design features and opening method, folding panoramic windows open to almost the entire part of the opening, thereby not concealing the area. In the summer, you can enjoy all the pleasures of nature, but during cold weather or in bad weather, the design of the sliding panoramic glazing will reliably protect your room from bad weather conditions.

This type of glazing is the best solution for those who prefer the most open space, not obstructed by the crossbeams and frames of the standard design window.

Trends in architectural fashion show an increase in the popularity of panoramic windows. Frameless glazing is one of the options for creating them. Its main feature is the absence of a frame, it allows you to create solid structures that create a visual impression of a single glass. Only a close examination at close range can notice the seams.

What is Spazio Q15 frameless glazing suitable for?

Sliding frameless glazing systems are a new category of interior design that allows you to visually expand the space, give it a unique appearance, make it brighter, more open and inviting.

This is your right choice if you plan to glaze:

- Balconies and loggias;
- Verandas;
- Cafes and restaurants;
- Terraces;
- Winter gardens;
- Cottages and arbors;
- Showcases in large shopping centers;





Balcony glazing

The use of glazing without frames for arranging the balconies and balconies ensures the creation of aesthetic decoration of the space. The glazing of the balconies without the frameless method opens up unhindered access to natural light and expands the space. It opens a great overview of the urban neighborhood, not limited to the segments of the frame.

Glazing loggias frameless method is more preferable to use for the upper floors of buildings. Here, the question of expediency plays a role - the view from the first floor is not so wide - and security - precedents with vandals are possible on the first floors. At the same time, the use of frameless glazing in private construction, for the decoration of loggias and balconies of cottages and townhouses, is more relevant than ever before.

The use of panoramic glazing for the interior of the summer premises allows you to create glass walls. Frameless glazing systems in the design of terraces and gazebos involve the use of large glasses. The height of the glass sheet in such cases coincides with the height of the walls. The design differs from the similar glazing of loggias in that the profile is mounted to the floor. When glazing gazebos maintain a full overview and there is protection from wind, rain and insects. Terraces and verandas glazed by this method receive an indescribable atmosphere and excellent natural lighting. Protection from wind, dust, moisture, combined with a beautiful view of the flower beds or other aesthetic objects attracts many homeowners. Therefore, glazing without frames at home and its summer premises is so popular when choosing technologies.



Frameless glazing in the interior of restaurants and cafes

The atmosphere and aesthetics of the interior is 50% of success in the work of cafes and restaurants. If the institution has a veranda - glazing should be frameless. Here the visibility, natural light, the ability to take beautiful pictures in good light will be very important for visitors. If a restaurant or cafe is located in the tourist area - the correct glazing is a huge contribution to attendance. In combination with the location on the upper floors, it is able to make the place itself an attraction.

If the use of glazing with a frameless design for glazing restaurants and cafes is a contribution to aesthetics and romance, then for the design of verandas it is also an extension of the summer season. Open verandas, depending on the climate, are relevant up to mid-September. In turn, the veranda with frameless glazing can receive visitors from the cafe from March to the end of October.

The uniqueness of frameless glazing



Cold construction. The frameless glazing method is used only for non-heated premises. Such a restriction is very upset for residents of the cold climate zone. In turn, in a warm climate, panoramic windows and glass partitions can be used everywhere. The design of a single sheet of glass provides absolutely little protection from the cold. The difference with the outdoor temperature will be no more than two or three degrees, with a clear protection from moisture and wind.

Sound insulation. The soundproofing characteristics of the frameless glazing are low. When you make a summer premises it can be classified as a plus. Since, while in the gazebo or on the veranda, you can hear birds singing, crickets and other sounds of nature. In the summer premises of restaurants and cafes, the penetration of street sounds is also rather a plus in creating an atmosphere.

Chance of glaciation. Many customers are frightened by the prospect of glaciation structures. Experts show that such a phenomenon is possible, but it is extremely rare. There are two possible causes of glaciation: deformation of the seal and damage of the profile. Because of this, cold air penetrates, as a result of contact with the flow of warm air inside the room moisture freezes, and ice layers are formed. With high-quality glazing such situations do not occur.

Features of cleaning. The frameless glazing system allows you to wash windows in complete safety. All the sash can be moved to one wall, the result is a design similar to a notebook. The washing process eliminates the need to pop out, there is no risk of falling out. You just need to alternately shift each flap and clean it on both sides. In combination with a large glass surface, the process takes a little longer.

Features of frameless glazing

*Glazing frameless type

*The maximum width of the sash is 1000 mm.

*The maximum height of a shutter is 2700 mm.

*The material of the guides is aluminum.

*Stainless steel and aluminum fittings.

*Glass 8-10 mm.

*Decorating under the tree structure.

*Painting in any color on the RAL scale.

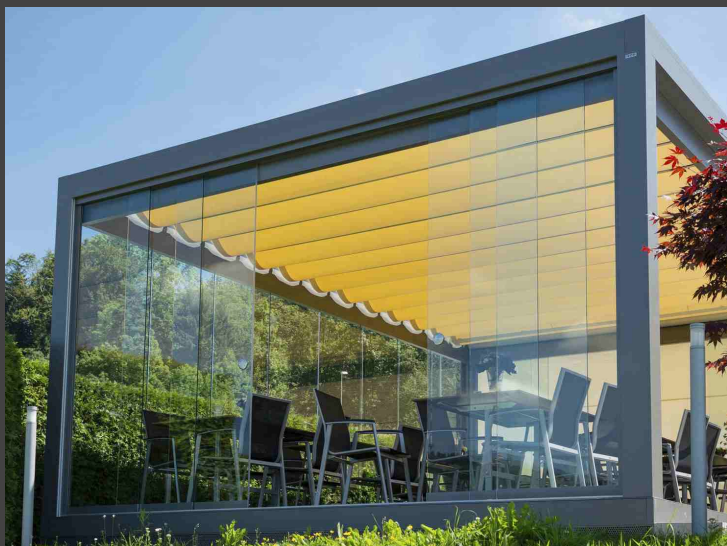




Frameless

ORIZZONTE

**SLIDING
GLAZING**



Frameless Sliding glazing ORIZZONTE

The system of sliding panoramic glazing of verandas and terraces, cafes, restaurants, gazebos and shop windows with slider (sliding) sash opening — is a unique frameless sliding glazing system for any kind of openings. This design has a light appearance, and the sashes are easy to use, they move smoothly on rails with the help of rollers — even with large dimensions of the structure, the sash will move smooth and silent. Due to its design features and the method of opening, the sliding panoramic glazing opens almost to the entire part of the opening, thereby not hiding the area. In the summer, you can enjoy all the pleasures of nature, but in the cold or in bad weather, the design of the sliding panoramic glazing will reliably protect your room from bad weather conditions.

Features

- * Sliding frameless slide system.
- * Maximum sash width 1000 mm.
- * Maximum sash height 2300 mm.
- * Guide material - aluminum.
- * Stainless steel hardware.
- * Glass 8-10 mm.
- * Decoration for the structure of a tree.
- * Painting in any color according to the RAL scale.
- * Profitable price



Three and five rail guide

Application of sliding glazing of terraces, verandas and other openings are possible in two versions: 1-option - this is a 3-rail profile with the opening of the wings in one direction, with the shift of the wings the open state is 2/3 of the part. A similar opening occurs with the 2-variant sliding glazing, when using a 5-rail profile, the opening is secured at 4/5 of the opening width. Such sliding glazing systems are not limited in opening width; for long systems, a double set of 3 or 5 rails can be used, opening on both sides, with this decision, sliding doors will be obtained in the center of the structure, the doors can be equipped with a knob, hinged lock, or latch on the floor.

High threshold glazing

Sliding glazing system for verandas and terraces with a flat, smoothed lower profile - the profile does not interfere with the passage and does not allow to be an obstacle for the legs, its thickness is only 35 mm. The system is perfect for any kind of openings where a through passage is supposed, usually this system is used for cold glazing of verandas, terraces, gazebos and barbecue areas, and also found their place as internal glass sliding partitions.



Low threshold glazing

Sliding glazing system for verandas and terraces with a lower profile as a threshold and a guide height of 7 mm. Such a system of sliding glazing can be called without a threshold. The system perfectly seals the space between the sash and the guide, due to the brush seal at the bottom of the sash, using a side height of 7 mm. Protects the structure from dirt, dust and water. Cold glazing found its application in glazing verandas, balconies, and those places where there is little traffic, although as an exception, the profile of the lower guide can be recessed into the floor, and you can approach it with tiles or other finishing material, thereby creating a threshold effect.

Details

The sliding panoramic system for glazing terraces and slider-type verandas is made of aluminum profile, aluminum is not subject to corrosion, such structures can be painted in any color according to the RAL scale, or they can be given the texture of a tree using the coating. All accessories are made of stainless steel and a high-quality plastic profile, which guarantees a long service life of the structure. The assembly and installation of the sliding glazing system is carried out by qualified specialists of our company, we do the whole complex of turnkey works, starting from design, ending with installation work, and successful commissioning.

ORIZZONTE is:

- * A new approach to a new generation
- * Modern aesthetic form
- * Unlimited field of view
- * Color for every taste
- * Ability to use a different number of glasses
- * Various size options
- * Easy to install and use
- * Silent work
- * Management of fresh air in the enclosed space
- * The ability to withstand high wind pressure and dynamic load
- * Low maintenance, easy cleaning and glass replacement
- * All precautions are provided
- * Possibility of opening and closing with minimal effort
- * Widespread use of space
- * Management of fresh air in the enclosed space
- * Durability

Frameless glazing system with the parallel movement of the wings minimizes loss when opening. This simple system is very convenient to use, does not have any special requirements for the power frame of the glazed structure.



A photograph of a modern building with large glass windows and doors. The building is shown from a low angle, looking up at the facade. The windows reflect the sky and the surrounding environment. The building has a dark, flat roof. The overall scene is set during sunset or sunrise, with warm orange and yellow light. The image is framed by a yellow border.

Exterior curtain technology

VITO ZIP

SUN-PROTECTION SYSTEM



Sun-protection system VITO ZIP.

The Vito Zip system is an innovative vertical marquise: it works on the principle of roller hangers with side guides.

Profile body is made of aluminum, does not corrode. Coloring on any color on a scale of RAL is possible

The canvas of the Vito Zip system is fixed in the guides by a zipper lock, this is the reason to have such significant advantages as higher wind resistance up to 80 km / h, as well as the absence of lateral gaps.

Advantages Vito Zip is an ideal solution for gazebos, verandas and open terraces. The Vito Zip system combines sun and wind protection. And the richness of the color palette of fabrics for systems will allow them to fit into any facade.

For the Vito Zip system, screen-like fabrics based on fiberglass are best suited. They have a high degree of thermal insulation and hold up to 97% of ultraviolet radiation. Thanks to a special coating and special weaving, these fabrics are less glare, and their rigidity allows you to maintain a uniform tension of the fabric.

In addition, Soltis PVC-based fabrics and acrylic fabrics are used in Vito Zip systems. Special UV-impregnation increases the degree of protection against UV rays, and TexGard Easy Clean coating enhances the water and dirt-repellent properties of fabrics.

In the Vito Zip system we use fabrics from leading European manufacturers as Serge Ferrari and Dickson.

Screen fabrics create favorable conditions for lighting and thermal condition of the room, perfectly protecting it from heating in summer and cooling in winter.

In the warmer months, you can use the Vito Zip system as protection against insects: open the window, completely lower the system - fresh air enters the room, and annoying mosquitoes are guaranteed to be left outside thanks to the zipper lock system and additional side seals!

Due to the dynamics of the system and the special belt, the system works silent.



Maximum allowable dimensions:

width from 575mm to 6500mm

height from 500mm to 6000mm

The Vito Zip system combines practicality, functionality and aesthetics.

CONTROL

Motorized system with a vertical opening controlled by a button, remote control, as well as possible control using a tablet or phone.

SOMFY engine is the best product for the Vito Zip system with proven quality and fame all over the world.

Features:

New approach to the new generation

Modern aesthetic form

Modularity

Color for every taste

Compact size

High wind resistance

Different size options

Easy installation and use

The belt system in the design allows you to work silently

Choice of control, push-button control (switch) or several options for remote control

Easy installation and use

The ability to see what is happening outside and at the same time protect from the sun's rays

The possibility of using as an advertising medium

The system meets all the needs of the customer, ideally combined with any architectural design.

UV resistance

Environmentally friendly 100%

There is micro-ventilation and water resistance.

Great combination of Vito Zip Screen with Pergola Vista - Vertical Glazed Skyline



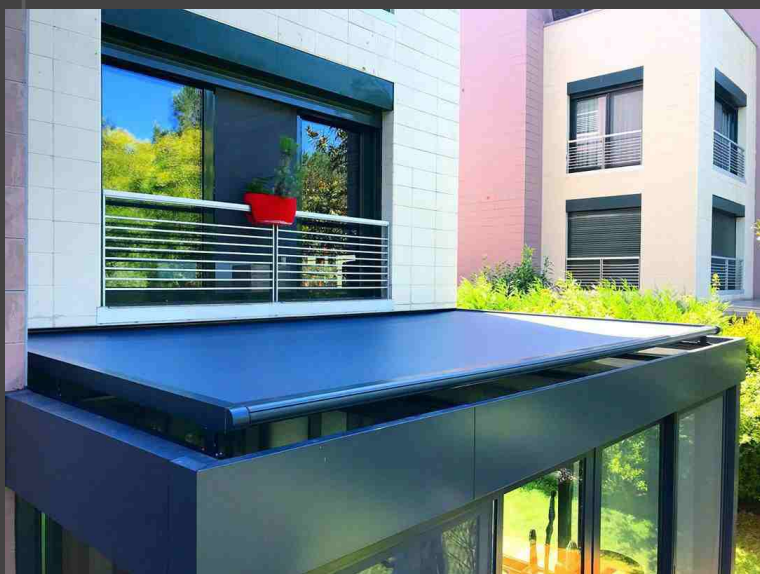
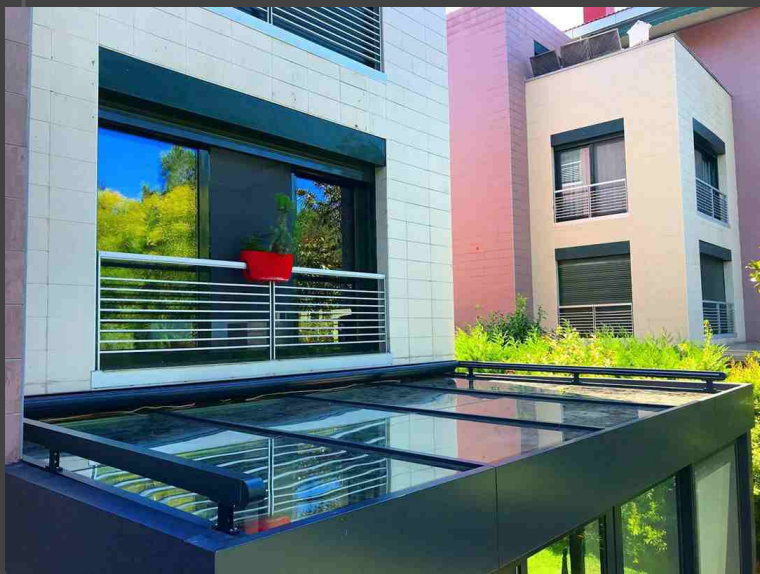


Automatic horizontal zip system for ceiling

DAZZONI

SUN-PROTECTION SYSTEM

Automatic horizontal zip system for ceiling.

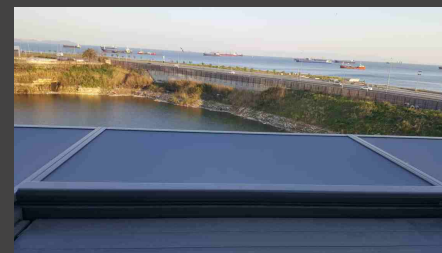
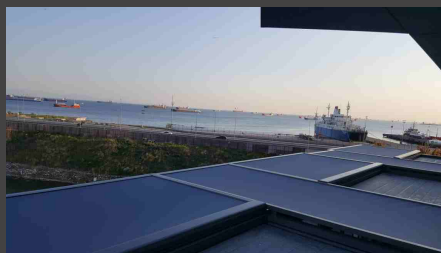


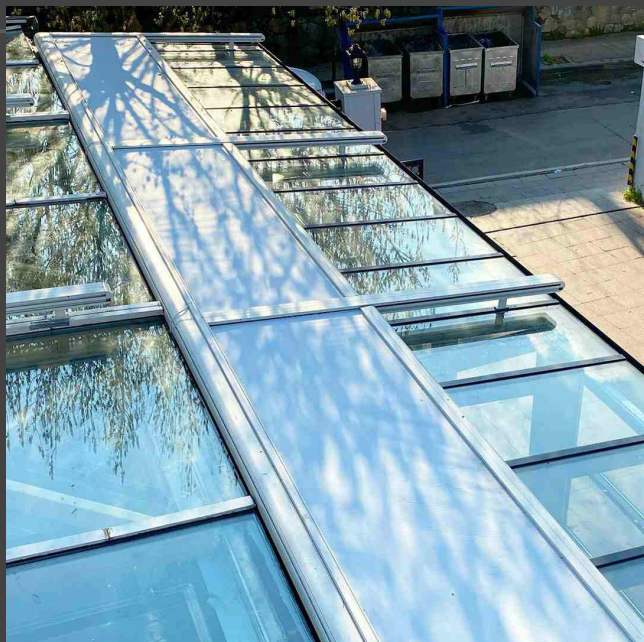
Noble protection from the sun and glare for every taste.

Aluminante has long been one of the leading manufacturers of all types of ceilings. Therefore, it is not surprising that high-quality DAZZONI sunshades and awnings for conservatories and independent ceilings are also an integral part of our product range.. DAZZONI Awnings combine the highest quality with individual fashionable design. Sun protection has become an integral part of our housing. Especially protection providing comfort, sophisticated design and safety. The new solution to shading the veranda, conservatory, transparent roofs, the automatic horizontal ZIP system not only meets these requirements, but also has a more elegant and slim design with unique properties, such as an increased degree of thermal insulation and delay up to 97% of ultraviolet radiation. Such a system provides a pleasant shady place on your terrace or in the conservatory, where you would like to stay even on especially sunny days. Almost regardless of the given conditions, DAZZONI can be combined with almost any roof construction, which makes it a real advantage for you in the place of your well-being.

The system allows you to control the penetration of sunlight into the room and thereby protect it from excessive lighting and heat. The fully rolled up roller blind is safely hidden in the box, which is closed by the lower profile, thanks to which the fabric retains a clear color for many years. The fabric contributes to the creation of a visual coziness of housing, performs the function of thermal and sound insulation, can darken the room, and also be transparent, is particularly durable, resistant to pollution, has fire-fighting properties, all this gives the house a special harmony.

Automated sun protection system is one of our company's most popular products..





The system is designed so that when installing the roof structure it could be easily adjusted, taking into account small tolerances. The entire system is made of anti-corrosion materials. DAZZONI is equipped with a system that provides constant stretch of the fabric in any position of the lower profile and protects against the loss of fabric from the guide rails. The box is attached to the guide rails. The safe distance of the fabric from the roof of the winter garden or pergola is ensured by means of guide rails and the cable-spring system. It is also possible to integrate LED lighting that allows you to spend pleasant and long summer evenings in your gazebo or conservatory.

For DAZZONI System, SOLTIS 86, 92, and B92 Serge Ferrari screen fabrics can be used. SOLTIS technical fabrics are specially designed to provide maximum protection against sunlight with thermal insulation and the optimal level of natural light in the interior. The material is made of fabric which is made of especially durable polyester fiber with a pigmented PVC surface. The fabric is processed using Preconstraint technology in both directions, providing high dimensional stability and durability. The advantages are also excellent thermal insulation, visual and light properties, color constancy (UV stability) and fire resistance (B1, M1).

Advantages

- ideal solution for large glazed surfaces, up to 25 m² in one frame
- less sunlight on horizontal glazed surfaces due to overlap
- constant stretch of fabric, thanks to the ZIP system
- the compact box gives the veranda an elegant look
- high wind resistance (up to 140 km / h)
- the ability to install motion sensors, wind, sunlight and rain
- mobile application management is available, interacts with Android and IOS
- remote control
- the ability to install LED lighting

Technical Parameters

- Width - 5000 mm.
- The extension (opening) is 6000 mm.
- Max area up to - 25 sq.m.
- * Motor SOMFY
- * Fabric Serge FERRARI
- * ANY color to the RAL scale



A modern, white, angular building with a glass railing system in the foreground. The railing is made of clear glass panels held by black vertical posts. The building is reflected in the glass. The background shows a blue sky with clouds and some greenery.

Exterior glass technology

VETRO

GLASS RAILING SYSTEM

VETRO Glass Railing System

VETRO is all-glass fencing - the pinnacle of architectural thought enclosing structures. Glass fences and stairs are increasingly common in modern interiors. Thanks to trends in architectural thought, glass is gradually replacing traditional materials from the construction of stairs and fences. Glass fences do not have racks, the glass in them carries and carrier (enclosing), and decorative functions. The basis of such glass fencing is a thick-walled aluminum profile that is attached to the floor. Using wedge-shaped clamps, thick glass is fixed in it (usually it is a triplex of two 8-10 mm tempered glasses, it is also possible to use single-layer tempered glass 12 mm, 16 mm).

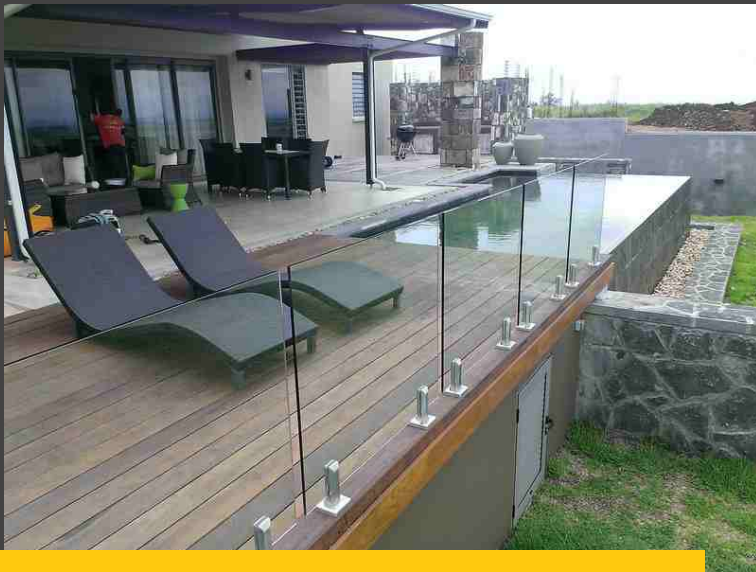
The bottom profile is covered with aluminum covers or it can be trimmed with other materials.

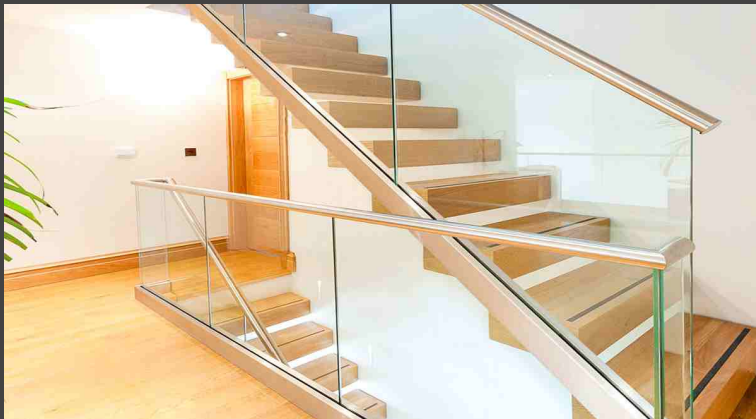
The clamps allow you to adjust the verticality of the installation of each glass fencing and to provide a single plane for the installation of all glasses. As a rule, a handrail is put on the glass, although it can be mounted on the side of the glass or be completely absent.

This fence is made of tempered glass with a thickness of at least 12 mm. The height of the fence is 1200 mm.

Benefits:

- Exclusivity and the ability to embed in any style of interior.
- The complete absence of bulky mounts, covering the review.
- Versatility. You can use it for decoration of any buildings and premises.
- Fast installation and ease of maintenance.





Characteristics and features of installation:

The main difference of all-glass fences made of glass is the complete absence of bulky supports. The role of the supporting structure in them is made of extremely durable glass. In this case, the fastening of all glass sheets is carried out using special fasteners. When installing all-glass constructions for stairs, the fence is additionally equipped with railings of various materials.

There are quite a few options for the use of glass fences. Depending on this, different types of materials are used:

- laminated;
- triplex;
- hardened;

With special decoration in the form of engraving or polishing.

Modern high-precision equipment allows to produce glass sheets of various shapes and sizes. Both flat and curved glass can also be used. Before designers, this opens up simply endless possibilities for the realization of various solutions.

Spheres of use

- Residential buildings.
- Business and shopping centers.
- Office buildings and premises.

The effect of transparency and freedom created by them does not clutter up the interior, which allows them to organically fit into any architectural style. Also, such designs do not attract undue attention and do not require complex care.



Aesthetic appearance

net LAU PLISSE
MOSQUITO



Mosquito net Lau Plisse.

Developed by Aluminante designers using the latest technology, a mosquito net with a reflective effect in combination with pleated technology and other products provides a controlled degree of protection of rooms from direct sunlight and the prying eyes of passers-by, comfort and spectacular design solutions.

The grid will not only easily protect against mosquitoes, flies, wasps, dust, but also protect it from the scorching sun!

Lau Plisse mosquito nets are made to individual sizes, which opens up a wide range of technical and decorative possibilities. The mesh fabric is made in a variety of colors.

The design of the mosquitoes is quite simple, the sections can be assembled and laid out according to the type of accordion in the vertical or horizontal direction. Due to the simplicity of design, grids can cover openings up to 6 meters wide and up to 3 meters high.

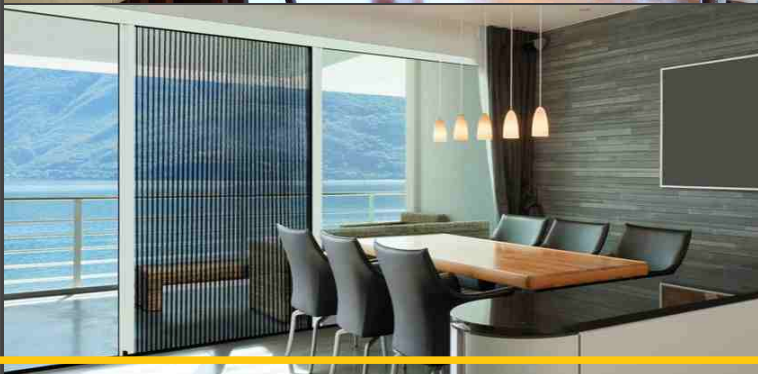
There are several types of pleated mosquitoes, depending on the type of opening:

1. With one-sided horizontal opening (left / right);
2. With universal opening in both directions;
3. With oncoming movement of sections;
4. With one-sided vertical opening (up / down).

Benefits of Lau Plisse:

Experts note a number of advantages of a pleated mosquito net model:

- Ease and mobility of a design. When installing the window frame is not overloaded.
- Ingestion of fresh air.
- Protection against annoying insects and dust.
- Elegance, compactness, not fading.
- Does not require special care. Convenience and easy to use.
- Aesthetic appearance. In the unfolded state, the canvas has unusual symmetrical folds, in the assembled state it is practically not noticeable.
- Quick opening, at any time you can easily move the canvas to fully open the window opening.



Specifications:

- No springs are used to close the net.
- There are no rubbing parts in the mechanisms.
- Lack of friction in the plane.
- High resistance of a grid to the directed influence.
- Opening and closing anywhere on the handle.
- Easy to assemble.
- Plastic corners allow assembly even if the window frame is not perfect.
- Possibility of both vertical and horizontal functioning.
- The maximum dimensions of the product are up to 3 meters high and 6 meters wide.
- Installation takes no more than 15 minutes.

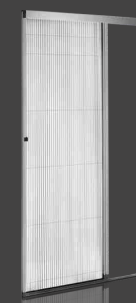
Materials

Like any other type of protective system, pleated mosquito nets are made from safe modern European materials. Usually for pleated, such canvases are used:

Fiberglass is a fiberglass used to make pleated mosquito nets. It has a uniform structure and color, which has earned the attention of many customers.

Where are the pleated mosquito nets used?

Due to several advantages, the operation of such products does not cause difficulties. They can be found in the organization of window spaces in cottages, apartments, offices, as well as in pools, on terraces, verandas, cafes, restaurants and other large-sized rooms.





Convenience and safety

RAILING

ALUMINUM



The desire of man for comfort, convenience and safety, quickly made the stairs

extremely popular. Handrails and railings are one of the most important elements of any staircase. Installed indoors they set the mood and tone of the interior, and applied as exterior structures completely create the “image” of the building.

Aluminum can be called, perhaps, an ideal material for the manufacture of railings. Enclosing structures made of aluminum are not as heavy as, for example, stainless steel railings. However, they also look presentable and modern. Aluminum, like any metal, is durable and durable, while at the same time it is lightweight.

This high-tech construction is able to decorate both the interior of a residential house or cottage, and the interior of the most prestigious building. Perila can be installed in Shopping and Business Centers, medical and educational institutions, in residential and industrial construction.

Anodized aluminum - aluminum with a special coating obtained by electrolytic method. The main purpose of this coating is to prevent the oxidation process in air and protection from minor mechanical damage.

Our company offers a railing of 3 types

1. Aluminum fences of rectangular section.
2. Aluminum fencing square.
3. Aluminum fencing with a round cross section.

The use of aluminum railings in comparison with other materials can be called:

- beauty and aesthetics - the design has a unique metallic luster, the ability to choose any color from the Ral catalog. Flexibility of possible forms;
- * ease of operation - no special care is required, handrails are washed with ordinary soapy water, there is no need for polishing and painting the handrails; resistance to chemicals and mechanical damage;
- low price in comparison with similar structures made of stainless steel or forging;
- * durability - the appearance of the railing will remain presentable for many years, even when used outdoors, the rails have frost resistance and heat resistance, and are also resistant to moisture;
- * when installing aluminum railings, as a rule, they do not use welding, this makes it possible to mount railings in rooms with complete repairs already made, fixing railings and handrails can be made to walls, steps or the floor.



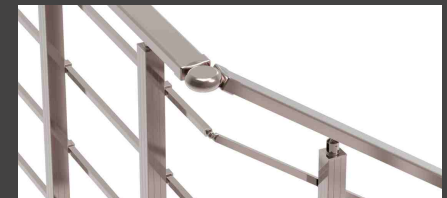
Railing benefits:

- * cheaper than stainless steel railing.
 - always available.
 - do not require polishing and welding.
 - builds as a constructor.
 - beautiful, aesthetic and noble look.
 - do not corrode.
 - a variety of filling between racks.
 - All parts are interchangeable.
 - Anodizing 13 microns ensures durability of product operation and high resistance to weathering, therefore, they are installed both inside and outside the room.

Railing is not only an important element of safety and convenience, but also an important part of the exterior. Made from anodized aluminum, stylish and spectacular designs look just great.

The railing can be installed on:

- * The balcony.
- * In the banks.
- * In bathrooms, on a washstand.
- * Shopping and Business Centers.
- * Medical and educational institutions.
- * Porch.
- * Ramp.
- * Stair flights.
- * Spiral staircase.
- * Radius fences and handrails for the disabled ...



ALUMINANTE

overcoming comfort



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