



LET'S BUILD A BETTER FUTURE

 **SYSTEM OVERVIEW**
SUN PROTECTION, GATES, INSECT SCREENS

ALUPROF

EUROPEAN SUPPLIER OF SUN PROTECTION,
GATES AND INSECT SCREEN SYSTEMS



ALUPROF
ALUMINIUM SYSTEMS

SYSTEM OVERVIEW
SUN PROTECTION, GATES, INSECT SCREENS
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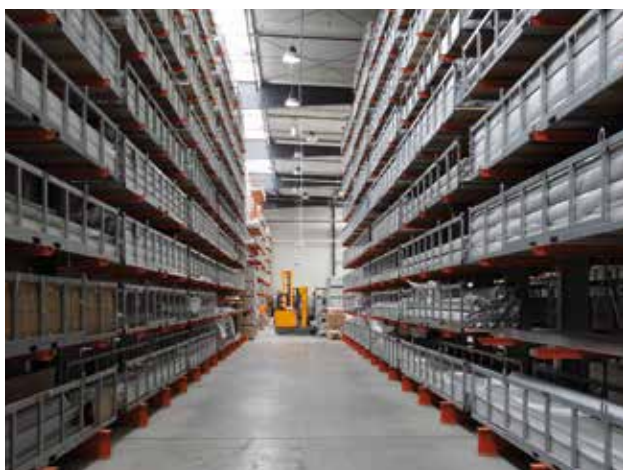
ALUPROF – WITH PASSION FOR SUN

ABOUT US

Aluprof SA belongs to the Capital Group Kęty SA. The company is one of the leading manufacturers of aluminium systems in Europe. The company has its branch offices in the Czech Republic, Germany, Belgium, Romania, Great Britain, Belgium, Netherlands, Hungary, Ukraine and USA. With 70 years of experience and annual sales revenues of around 438 M EUR, Aluprof SA has over 1.900 regular clients. Exports account for 40% of total sales. The company employs more than 3.200 employees. Aluprof SA manufacturing plants are located in Bielsko-Biała, Opole, Golezów and Złotów, and have a surface area of over 230 K m², and a modern equipment.

Product quality is a primary value for Aluprof, so the engineers of Aluprof are constantly developing technologically advanced solutions, meeting the needs of modern building industry in the field of energy efficiency and design flexibility. The company implemented the ISO 9001-2001 quality management system, which ensures compatibility of the offered products with European standards.

Aluprof has its own, independent Research & Innovation Centre (CBI) to carry out testing according to the European (EN) and American (ASTM, AAMA) standards in collaboration with numerous notified bodies. CBI also includes the largest test chamber for windows, doors, curtain walls and exterior roller shutters (air, water & wind load resistance testing) in Central and Eastern Europe.



From its very beginning, the company, as all companies belonging to Grupa Kęty, has been trying to help those who are the most in need. To this end, the Foundation "Grupa Kęty Dzieciom Podbeskidzia" was established in order to support children from childcare centres and promotes the idea of foster family care. The Kęty S.A. capital group is a leader in the aluminium industry in Poland. The holding is comprised of 15 companies that operate both in Poland and abroad. Every year they process nearly 110.000 tonnes of raw aluminum. Among the 4700 recipients of the Group there are multinational companies, large and medium-sized enterprises as well as wholesalers representing virtually all branches of industry, including construction, automotive, mechanical and electrical engineering and food industry.



TECHNICAL SUPPORT DEPARTMENT

The Technical Support Department provides our business partners with technological support and consultancy in solving technical problems, providing technical knowledge on the use of new systems, calculation software, training of technical staff and providing information on our products. The department is also responsible for providing advice and support in the selection of systems, specifications, technical drawings and design details. The mission of the department is also to promote Aluprof's solutions among architects, supporting and advising architects in the process of design and construction processes, as well as providing any technical assistance in solving problems.

Specialists working in the department are at the disposal of architects and manufacturers of roller shutters and aluminium gates. Should you have any questions or concerns our specialists will provide you with all the information you need.



DEVELOPMENT DEPARTMENT

In its activities, Aluprof SA strives to continuously improve the quality of its products.

Expertise of the firm lies in its technical know-how. Trained staff of specialists work on the cutting edge technology solutions and strive to improve the usability and functioning of Aluprof SA systems.

The high quality of our systems is founded on the creative work of our Design Department. Taking into account comments and suggestions of our customers, the Design Department develops new elements of the roller shutter, gate and insert screen systems, conducts research and monitors quality at every production stage.



ROLLER-BOX AND PROFILE PRODUCTION

Aluprof Opole produces roller profiles using modern and fully automated DREISTERN and DALLAN production lines. Those machines provide high performance and repeatability of shapes. The profiles are produced in the process of roll forming. Depending on the equipment used, it is possible to produce 8 types (sizes) of profiles.

Producing roller-boxes, which consists of profiling sheet edges and giving desired shape to both components of the roller-box, is carried out in two stages. Both processes are performed automatically and controlled by computer.

Aluprof SA offers roller-boxes in a variety of sizes and shapes that meet the highest requirements of our customers.



POWDER COATING

Both Aluprof's manufacturing plants have a modern powder paint shop with high performance, fully automated lines, equipped with Fast Colour Change Powder Booth Systems and with a vertical paint shop. Thanks to its additional manual powder coating line, the company can quickly adapt to Customer requirements, depending on the size and the date of the order. The company focuses on environmentally friendly solutions, using non-toxic formulations and applying chromium-free aluminium treatment process. "Sandwich" type booth, power supply and powder recovery system allows an effective use of paint and quick colour changes.

The whole painting process is computer controlled, which ensures stability and reproducibility of the coating parameters, including coating thickness. The effectiveness of monitoring of the coating parameters is confirmed by Qualicoat and Seaside certificates, plus certificates from many other powder coating manufacturers.

Our offer includes all types of powder coatings RAL, NCS colour charts, ATEC system & paints with extended warranty, – DECORAL wood grain surfaces, – painting of metal sheets 1250 × 3000 mm, – two-layer system (primer + paint) recommended in "basin, maritime".

Aluprof powder paint shop performance amounts to 7 M m² per year. Maximum dimensions: L 7200 mm; H 500 mm; weight of suspended material up to 300 kg.

In the offer there are anodized profiles Aluprof, in a rich range of colours. Profiles can also have brushing & shot blasting effect. The quality of the coating has a Qualanod certificate.



RESEARCH AND INNOVATION CENTER

Aluprof has its own independent Centre For Research & Innovation, which carries out testing according to the European (EN) and American (ASTM, AAMA) standards in collaboration with numerous notified bodies. CRI specializes in the following areas:

Air, water and wind load resistance

- air permeability
- water tightness
- wind loads

Safety & durability testing

- mechanical tests
- impact resistance tests
- burglar resistance tests RC1, RC2, RC3
- resistance to repeated opening and closing

CRI also includes the largest test chamber for windows, doors, curtain walls and exterior roller shutters (air, water & wind load resistance testing) in Central and Eastern Europe. The objects tested in the chamber can be up to 10 m high and 10 m wide.

Recently, the chamber was modernized and equipped with modern software adapted to the standards of the Institute IFT Rosenheim, which allowed Aluprof to establish a closer cooperation with this prestigious organization. The agreement signed by both organizations enables Aluprof to carry out ITT testing for its own account and for the account of its customers under the supervision of IFT Rosenheim. This solution is very cost and time-effective and eliminates the logistical costs associated with the transport of constructions to Germany, while providing shorter deadlines for testing and documents, and a direct support to customers during the tests.



TRAINING CENTRE

We offer our Business Partners comprehensive technological support and consultations when solving technical problems related to the production of external roller shutters rolling gates, insect screens and textile shutters.

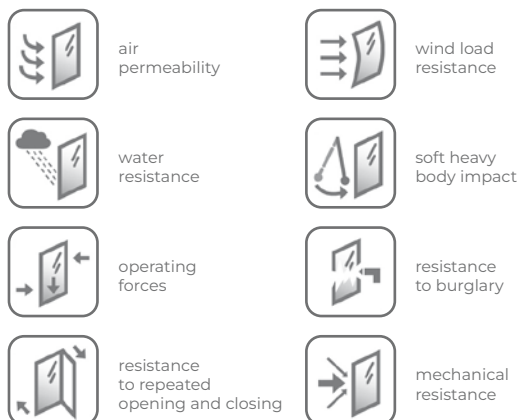
Due to the extensive infrastructure at the Opole plant, including training Centre and Prototype Workshop, we are able to organise cyclical theoretical and practical trainings for existing and new customers.

Moreover, in order to meet expectations, we organise off-site sessions at our partners' premises, during which employees are trained in prefabrication at their workplaces with their own tools.

This allows to explain precisely the technology in order to eliminate potential errors in practice. During the off-site sessions Aluprof's specialists also provide detailed information on optimal workshop organization, proper settings of machines and precisely defined formal requirements related to production.

Due to such cooperation, customers achieve greater efficiency, which translates into professional service for the end customer.

Our consultants from the Technical Support Department remain at your disposal for further information every day. You can reach us by phone or e-mail.



ACCESORIES

Aluprof SA offer includes a full range of accessories which are necessary for the production of roller shutters, external roller blinds (screens), insect screens and garage doors, as well as elements necessary for the installation of external venetian blinds.

Flexible solutions and ease of use are the watchwords which became our motto in designing roller shutter & gate systems drives. That's why we give you the opportunity to choose your favourite method of opening / closing your sunshades and garage doors.

Depending on the users' needs, roller shutters can be controlled manually or by an electric drive via a wall-mounted transmitter or remote control. Smart control via computer, tablet or smartphone is also an option.



ALUPROF_ROLLER SHUTTERS SOFTWARE

At Aluprof we offer specialized software to help customers to fabricate aluminium products based on our systems.

ALUPROF_ROLLER SHUTTERS software is intended for use by ALUPROF customers to assist them in the design and sales of external roller shutters, external roller blinds (screens), insect screens and garage doors, as well as necessary elements for the installation of venetian blinds.

Our software features:

- offering,
- ordering,
- quotation,
- costs of the material used,
- roller shutters design,
- list of materials,
- cutting optimisation,
- production order print.



LOGISTICS

We value our customers' time. That is why, a well-functioning logistics is the key element of our success. A better and more efficient supply chain is our priority.



ALUPROF – QUALITY LEADER

Aluprof's top quality products have been recognised through many industry awards, Construction Brand of The Year 2022 and 2021 in the category of Roller Shutter Systems Gold Construction Brand, in the category of Roller Shutter Systems, Good Mark 2021, Joinery Market Leader 2020 in the category of Roller Shutter Systems supplier, "Gold Construction Brand of the Year 2020" in the category of Roller Shutter Systems, "Golden Champion of the Year 2020" (an award for companies which enjoy years of trust and the highest reputation among contractors), TopBuilder 2020 for the SKB STYROTERM system in the category Product of the Year: novelty and innovation of the year, Consumer Quality Leader 2021 Title of Innovative solution in the joinery industry 2019 for SKB STYROTERM roller shutter system Forbes Diamonds 2019, Big Pearl of the Poland's Economy 2019, Joinery Market Leader 2018, Construction Brand of the Year 2018, Golden Construction Brand of the Year 2017, 5-Year Consumer Leader of Quality, Ambassador of the Poland's Economy, Business Cheetahs 2016 etc.



FACTORY PRODUCTION CONTROL

What is ZKP

Factory Production Control (in Polish: Zakładowa Kontrola Produkcji) is a form of permanent and documented internal control of the production process to supervise the level of quality and safety of manufactured products. This production control system documentation shall ensure a common understanding of quality assurance and enable the required product characteristics to be achieved and the production control system to be operated effectively. The ZKP is the tool by which the manufacturer ensures that declared performance characteristics will be reproducible for all subsequent products, i.e. they will have the same characteristics and properties as the product that has undergone the Initial Type Testing.

ZKP application

As of 1 July 2013, Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011, abbreviated as CPR, is in force in the European Union laying down harmonised conditions for the marketing of construction products. Thus, the regulation obliges all entities specialising in the manufacture of various construction products to implement the Factory Production Control system in their companies. This obligation applies to all companies, regardless of the used conformity assessment system. The ZKP system must be prepared and implemented directly by the manufacturer and it is necessary to prepare appropriate documentation and keep it up to date.

Scope of ZKP

The system should specify, in particular:

- responsibilities and interdependencies of management and staff involved in quality assurance and compliance;
- procedures necessary to demonstrate the constancy of performance of the product at each stage of manufacture;
- how to supervise the applicable legal requirements
- principles for keeping and monitoring records and documentation; - principles for training personnel who have an impact on quality;
- handling of complaints;
- principles for carrying out corrective actions to eliminate identified non-conformities.

Control under Factory Production Control should include: measuring equipment, production, raw materials and components, traceability and marking, in-process controls, testing and evaluation of the finished product, non-conforming products, corrective actions, handling, storage and packaging.

ZKP documentation

The content of the ZKP documentation is strictly defined by the law, and its supervision should be performed by a dedicated person with appropriate rights and competences. However, when preparing the documentation, it is worth taking into account, among other things, the complexity of the production process, the size of the production plant and the scope of tests conducted on the finished product. It is the manufacturer's responsibility to keep the list of documents and their records up to date. The ZKP documentation should include the following documents:

- a ZKP book explaining the scope of factory production control;
- technical specifications, for all used products
- and arising during the manufacturing process, raw materials, materials, end products;
- instructions and procedures for the following activities: production supervision, tests proving conformity of the product with the requirements, control of equipment for testing the product, assessment of conformity of the product

(resulting from tests), handling of non-conforming product, procedure for handling complaints, taking preventive or corrective action;

- information documents, such as legislation, organisation charts or technical documents.

Benefits of implementing the ZKP system:

- ensuring compliance with legal requirements,
- freedom to place products on the EU market,
- increased competitiveness on the Polish and European markets,
- the opportunity to work with large, reputable companies,
- minimisation of errors resulting from inadequate production supervision, including the number of complaints,
- the opportunity to participate in tenders,
- business development,
- increased customer confidence.

Manufacturers with a ZKP system in accordance with EN ISO 9001, which refers to the provisions for wind load resistance, additional thermal resistance AR and total solar radiation energy g_{tot} , are deemed to meet requirements of Regulation (EU) No 305/2011 regarding ZKP.

DECLARATIONS OF CONFORMITY AND CE MARKING

A manufacturer who places a construction product on the market is required to draw up a declaration of conformity. This document should contain all the necessary information to identify requirements (according to which the declaration was issued), the manufacturer or his authorised representative, the notified body (if any), the device and the reference to the harmonised standards or other normative documents. A declaration of conformity shall be issued once per product type and attached to the product.

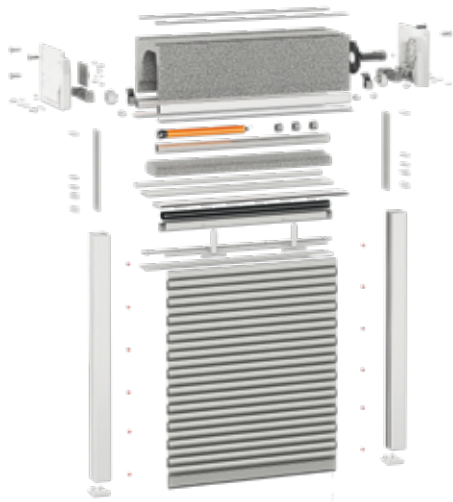
For roller shutters and gates the CE declaration of conformity shall contain the following information:

- the issuer's declaration number,
- the name and address of the manufacturer or his authorised representative issuing the declaration and the place of manufacture,
- information allowing identification of the product (name, type or model number and any necessary additional information, e.g. delivery, batch or serial number, origin and number of individual items),
- a copy of all the information which accompanied the 'CE' marking, - all provisions with which the product conforms, - the specific product conditions and, if necessary, any additional information which may be required (e.g. grade, category),
- the date of issue of the declaration,
- the name and address of the approving laboratory,
- signature and position or appropriate designation of the authorised person,
- a statement that the declaration is issued under the sole responsibility of the manufacturer and his authorized representative (if any).



THE STAKE OF THE NON-SYSTEMIC APPROACH

In addition to components for the production of roller shutters and gates, above all Aluprof offers its Business Partners complete know-how. Unfortunately, some manufacturers, mainly for economic reasons, use components from different system suppliers in the prefabrication process. Thus, they are not aware of the fact that a non-systemic approach may result in inconsistent details, and thus, frequent failures and services. Seemingly identical looking elements may differ in both quality and functionality. It is enough to change the type of material from which a given detail is made (e.g. cap, pulley or plugs) to see that it can have a huge impact on the entire product. For example, if the caps are too brittle, they will crack, and if the plugs are made of plastic, which absorbs moisture from the environment, we will have to deal with swelling and delaminating shutter curtain.



Any differences in construction are also important. Even slight inclinations or curves can make it difficult or impossible to connect components that have not been tested for their suitability. It often happens in practice that a properly functioning set is affected by dimensions of even ten decimal places. In this way, the connected elements can work with too much loose space, which may ultimately lead to faster wear of the individual elements or the connection will not be possible at all, because the space will be too small for the product to work properly.

It is also worth remembering that the production of products inconsistent with system recommendations has a significant impact on the production technology. For the proper functioning of the product it would be necessary to use different lengths of cuts for individual components than those provided by the supplier of the complete system, which some manufacturers do not take into account at all.

In addition to technical considerations, aesthetic considerations also play an important role. If the individual elements are connected with each other, and they do not cooperate perfectly with each other, it will unfortunately translate not only into the functionality of the product but also into aesthetics.

Apart from the factors mentioned above, it is worth remembering that in the case of non-systemic completion of the product, the manufacturer loses the warranty for individual components.

TYPE EXAMINATION CERTIFICATES

Within the framework of cooperation, Aluprof company provides its Business Partners with type examination certificates for roller shutters and gates manufactured in accordance with the technology included in the technical documentation, with complete use of components offered exclusively by our company. Before being introduced to the offer, these elements are tested for compatibility, durability and functionality, also taking into account atmospheric factors such as humidity, high or low temperatures. In addition, the finished products are tested for wind load resistance, burglary resistance, acoustic insulation, thermal resistance and reaction to fire.



Product type examination certificates are very often required from manufacturers to confirm the conformity of products with the European Union requirements for safety of use and CE marking in order to allow them to be launched on the market.

With this in mind, as part of its support, Aluprof transfers free of charge to its Business Partners, who purchase a complete system, the authorization to use type examination for individual systems. It is valid for one year from the date of signature and allows manufacturers of roller shutters and gates to use the results to confirm compliance with EU requirements. These documents are available for Customers in the Aluprof Authorised Zone, to which only authorised users have access.

Dear Manufacturer, please remember that any change of components during the production process results in the production of a completely new product with different properties, which must be confirmed by appropriate examinations at the accreditation unit at your cost. Aluprof type examination certificates will not be binding here. Therefore, in order to save time and money, it is worth to benefit from the complete technology offered by our company.

ALUPROF B2B CONFIGURATOR

The application is free of charge and extremely intuitive to use, allowing a quick and simple quotation of venetian blinds and pergolas according to the necessary criteria. The programme also features an individual customer file, which allows customers to prepare offers for their contractors or private investors. It is also significant that, with the application, they have full access to the quote history, allowing for possible modifications before the final order is placed. The platform is available exclusively to the Business Partners of Aluprof SA.



ECO - MEANS ECONOMIC WITH ROLLER SHUTTERS

The essence of the energy-efficient building is to minimise energy loss. Here, each stage is of importance, whether we choose a right plot, a suitable project, and this until the very last details such as installing window sills. Low energy house is, first of all, a perfectly insulated house that prevents heat from escaping. The EU Member States agreed in December 2018 to reduce energy consumption by 32.5 % by 2030 as compared to business as usual projections. This target, a central provision of the clean energy package, implies huge investments, especially in residential buildings, which account for around 40% of the EU's total final energy demand. To attract private and public investors to make investments in energy-efficiency in residential building, European Commission in 2019 provided financial support of EUR 97 million to the European Local Energy Assistance initiatives (ELENA). Project development services will mainly be directed towards households and homeowner associations with a view to increasing comfort and reducing energy bills. Funds are available locally as financial instruments, loan products or energy rehabilitation programmes.

So far, roller shutters have often been considered as a luxurious and decorative element, yet lacking the essential functions. Roller shutters significantly contribute to the reduction of heat loss in winter, while in summer, they protect effectively the interior from overheating, reducing the consumption of additional cooling equipment. In addition, external roller shutters are a practical system that protects our privacy.

External roller shutters are far more effective than ordinary curtains or venetian blinds – thanks to its design, between the surface of the window and the curtain, there is air pocket which is an excellent supplementary insulator. If we leave roller shutters closed all day long in the evening we can enjoy a pleasant coolness.

**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



ALUPROF SA co-operates with Poland's Passive House and Renewable Energy Institute and has a status of "Passive Housing Ambassador". In our development activities, we put strong emphasis on thermal insulation and excellent technical parameters of our products. That is why Aluprof's systems are often used in sustainable building, and the list of certified facilities that have used our products or for which they were specifically designed just gets longer and longer. These solutions are brought up as early as the design stage for the facilities for which the investors are willing to apply for such a certificate.



One of the goals of modern business is to care for the environment. Polyurethane foam used in our profiles is free of CFC compounds, and the paint used to coat the components we manufacture do not contain cadmium or lead. By introducing environmentally clean products and technologies, we express our concern for the environment and a desire to be in harmony with the tasks to protect it.



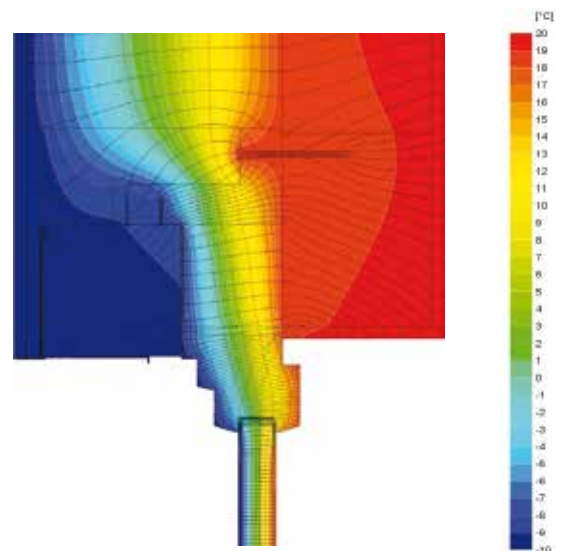
CERTIFIED THE PASSIVE HOUSE INSTITUTE

INFORMATION:

The Passive House Institute in Darmstadt (PHI) has shown its appreciation for Aluprof's SP and SP-E rollers shutters performances. The Institute issued a certificate for the roller-box 165 or lower, approving both systems and their installation as a solution for passive houses. SP & SP-E roller shutters are based on flush mounted system in which the front section of the roller-box is equally a basis for any finishing material. The roller shutter's components do not interfere with windows, doors or lintel and thus do not affect the tightness of the entire building.

SP & SP-E systems were designed to prevent the heat from escaping and to provide an attractive finish to the façade. Suitable installation method enables the use of any window recommended by the PHI, i.e. windows whose heat transfer coefficient U_w does not exceed $0.80 \text{ W}/(\text{m}^2\text{K})$, and the glass coefficient U_g does not exceed $0.70 \text{ W}/(\text{m}^2\text{K})$.

It's the first PHI certificate for a Polish company in this group of products. It's also the first all-in-one solution in the PHI passive components base.



Isothermal lines

FLEXIBLE SOLUTIONS FOR YOUR NEEDS



ROLLER SHUTTERS

More than a sunshade. Due to well thought-out construction they perform a number of important functions, including protection against heat loss, excessive noise, and they also provide a perfect barrier against burglary. They can be successfully used not only in residential but also in public buildings.



EXTERNAL VENETIAN BLINDS

These are extremely practical sunshades, which effectively protect the interior from excessive heat while providing adequate optical comfort. As a result, such products are perfect for both public buildings and residential investments.



SCREENS (EXTERNAL ROLLER BLINDS)

Screens are very functional solutions which protect rooms from intense sunlight and minimize the glare effect by using specialized technical fabrics. They can also be a stylish addition that will give a unique character to any interior regardless of its purpose.



PERGOLAS

Pergolas represent modern roofing for large areas such as terraces or gardens. Their durable and sturdy construction makes them resistant to atmospheric factors including snow, wind and rain.



INSECT SCREENS

Perfect protection of the building against insects, bugs and pollution from the environment. They can be used in any facility. High quality, reliability and aesthetics. Resistance to weathering.



GARAGE DOORS

A wide range of aesthetic and top quality solutions tailored to individual needs – an offer proudly developed by Aluprof brand. Solid products made from high quality materials. Aesthetic and stable profiles.



INDUSTRIAL AND COMMERCIAL GATES

Products which are characterized by comfort of use and high aesthetics. They perfectly protect building openings, industrial halls, warehouse buildings or commercial and service points against weather conditions and unwanted access.



THREE ADVANTAGES OF ROLLER SHUTTERS



External roller shutters are a practical system that protects us in three ways: through insulation, the protection of our privacy and the peace of mind, and through providing an effective “anti-burglar barrier”.

Aluprof roller shutters are made from carefully selected materials to ensure the highest quality of the product. Whether in flush, top-mounted or reveal mounted system, roller shutters are designed to improve the building energy use. Roller shutters can greatly help reduce heating costs in winter while in summer, when the sun shines and the outside temperature rises, they provide a pleasant sensation of coolness.

In addition, thanks to an intelligent design and carefully selected materials, roller shutters provide effective protection against intruders. Thanks to the rollers shutters, the house becomes a place where we feel comfortable, safe, and to which it is a pleasure to return after a hard day knowing it will offer us peace of mind and shelter.

Thinking about Investors for whom security is of particular importance, Aluprof designed two anti-burglary roller shutter systems in RC3 and RC2 class, which, depending on needs have different types of security features that effectively protect against intrusion of undesirable guests.

FRONT MOUNTED SYSTEMS **SK, SKE & SKP**



SK, SKE & SKP-based roller shutters are intended for use in existing buildings. The advantage of these products is that they do not interfere with the building, and do not require any special pre-installation preparation as they are not integrated with the windows. Buyers can thus decide to install front mounted roller shutters at any time. These solutions can be installed to window frames (in the recess) or directly on the wall. In the first case, Aluprof recommends to choose half-oval SKP boxes systems, as they perfectly match the external wall, or SK system, with its box cut at an angle of 45°. The roller's curtain is usually made of profiles filled with foam, made of high quality aluminium sheet and having a two-layer PU/PA paint coatings. This makes the product more resistant to abrasion and weathering. Aluprof also offers profiles of greater rigidity and stability, made of extruded aluminium and plastic profiles. Adaptive systems can also be integrated with insect screens. This comprehensive solution provides effective protection against insects in summer, while protecting the interior spaces against heat loss in winter.

**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



Intended for use in existing buildings



SK

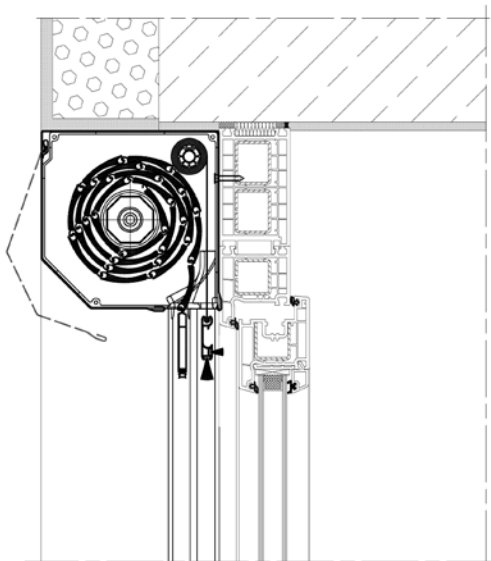


SKE

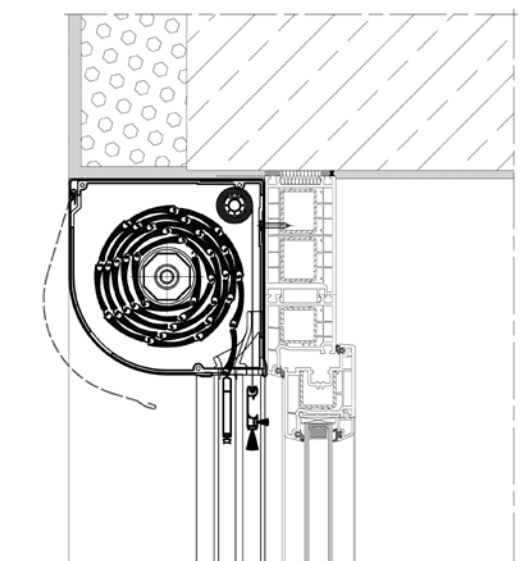


SKP

EXAMPLES OF CONSTRUCTIONS



roller shutter –SK



roller shutter – SKP

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

Intelligent design and carefully selected materials provide effective protection against intruders. In addition, they ensure an excellent thermal insulation allowing to significantly reduce heating costs in winter and heat flow in summer, which reduces overheating of rooms.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system components are characterized by high resistance to abrasion and weathering.

Profiles

PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55
PE 41 | PE 55 | PEK 52 | PEKP 52

FRONT MOUNTED SYSTEMS

SKO & SKO-P



SKO & SKO-P systems are a solution from the family of front-mounted roller shutters, dedicated mainly to existing buildings. As these products are not an integral part of the window and do not require any special pre-installation preparation, they can be installed at any time. SKO-P system box is made of high quality aluminium sheet covered with a special, PU/PA technology-based coating that ensures its durability and resistance to abrasion and weathering. The SKO system box is made of extruded aluminium, which makes it even more rigid and stable. Clever design and oval shape make these systems a solution of choice for buyers who want to have their roller shutters on the external wall, as a perfect decorative element. As it is the case for SK and SKP systems, the roller's curtain can be made of foam-filled plastic or extruded profiles. The advantage of these products is the ability to use roller-independent Mosquito system, that additionally protects the interiors against insects while maintaining the access of light and air.

**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



Modern design

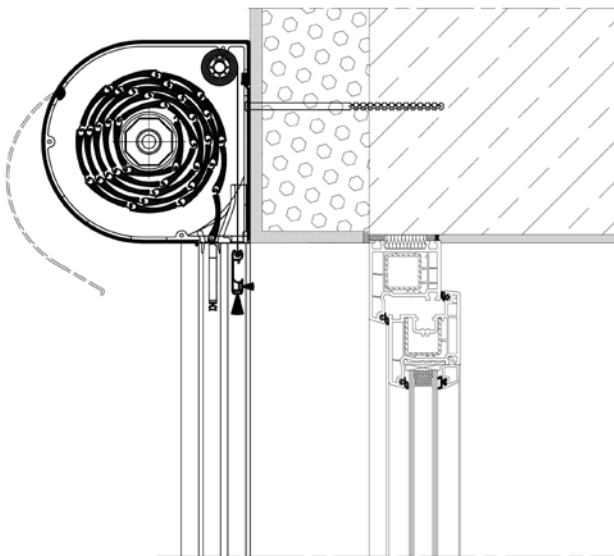


SKO

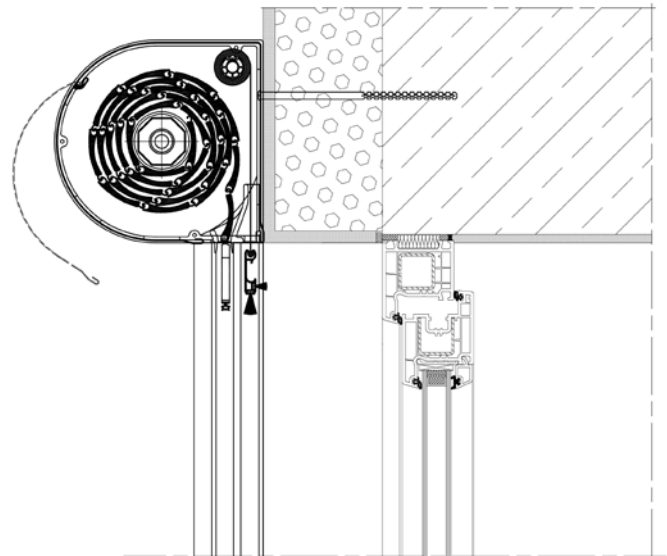


SKO-P

EXAMPLES OF CONSTRUCTIONS



roller shutter – SKO



roller shutter – SKO-P

Ease of use

The rollers shutters can be controlled manually or by means of an electric drive connected to the control system for ease of use. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

Intelligent design and carefully selected materials provide effective protection against intruders. In addition, they ensure an excellent thermal insulation allowing to significantly reduce heating costs in winter and heat flow in summer, which reduces overheating of rooms.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system profiles are characterised by high resistance to abrasion and weathering.

Profiles

PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55
PE 41 | PE 55 | PEK 52 | PEKP 52

FLUSH-MOUNTED SYSTEMS **SP & SP-E**



SP & SP-E flush-mounted systems are mainly designed for use in newly erected buildings, but also in existing ones, once the necessary changes to the lintel are made. It is important to plan the use of such solutions, which also applies to their installation method, this as early as at the building design stage, to allow for the effective use of the product's functional values. SP & SP-E systems bring excellent thermal & sound insulation performance as they do not interfere with windows, doors or lintels, and thus they do not affect the building's energy use. What's more, they integrate the building's façade and form an integral part thereof. The front section of the box is equally a layer for any finishing material (i.e. clinker), so that it remains an unnoticed element of the façade. Other elements such as access cover or channels can colour-match the windows. As it is the case for adaptive systems, the roller's curtain can be made of foam-filled plastic or extruded profiles. Flush-mounted system-based roller shutters can be equipped with an insect screen which provides effective protection against insects while maintaining the flow of light and fresh air to interior spaces.



Aluprof's roller shutter systems certified by the Passive House Institute

**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



Excellent thermal insulation

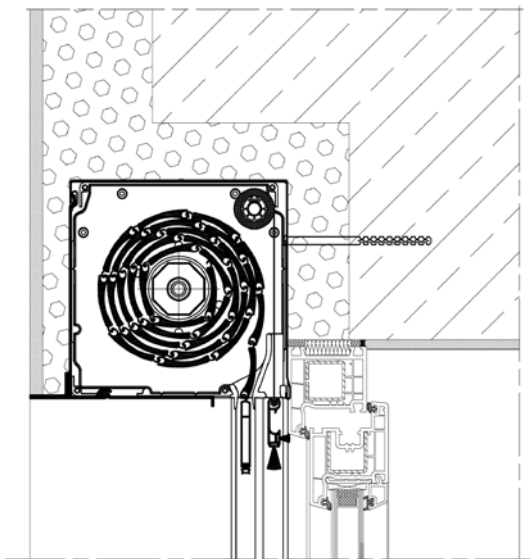


SP

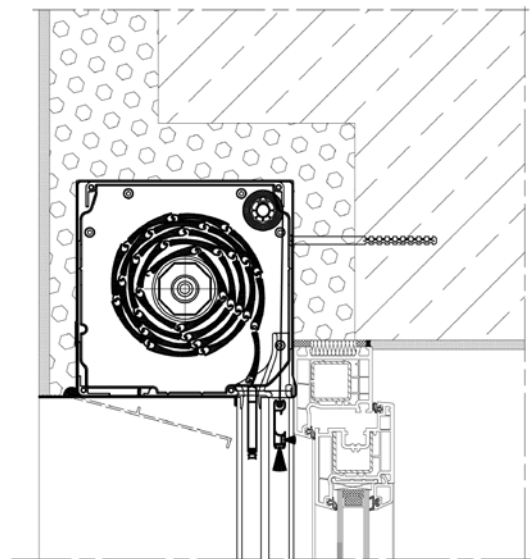


SP-E

EXAMPLES OF CONSTRUCTIONS



roller shutter – SP



roller shutter – SP-E

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

As regards flush mounted systems, our offer includes also a version with an insect screen which provides the user with effective protection against insects while maintaining the flow of light and fresh air to the inside. In addition, the modern design of the SP and SP-E systems roller-box allows to perform maintenance and service work on the mechanical elements of the shutter without disturbing the privacy of the occupants.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings on the extruded elements are manufactured using powder coating, which ensures high quality and durability of the product.

Profiles

PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55
PE 41 | PE 55 | PEK 52 | PEKP 52

TOP MOUNTED SYSTEM

SKB STYROTERM



SKB STYROTERM is a high-tech solution, which was created primarily with a view to improving the energy balance of the building. The main element of this system is a shutter box, which is made of high quality material with very good thermal properties and comes in two sizes. Research at a renowned research institute IFT ROSENHEIM has shown that the proposed solution has an extremely high thermal transmittance coefficient (U_{sb} already from $0.40 \text{ W/m}^2\text{K}$), which places the system in the first place among other products of this type. The SKB STYROTERM system belongs to the family of top-mounted roller shutters, the installation of which consists in direct installation of the shutter box on the window frame by means of an appropriately selected adaptive profile. These profiles cooperate with the majority of window or door frames profiles of wooden, aluminium and PVC joinery. The use of this type of construction allows for its installation both in newly erected buildings, as well as in those that already exist during replacement of window joinery. The advantage of the new solution is also the possibility to choose the revision flap from the inside or outside of the room. In addition, the SKB STYROTERM system is also available in a version adapted to the use of façade shutters. Roller shutters in the SKB STYROTERM system can be equipped with insect screens installed in a shutter box. Thanks to the use of snap-on technology. It is very fast and easy to install. The insect screen can be installed between the roller shutter curtain and the window.

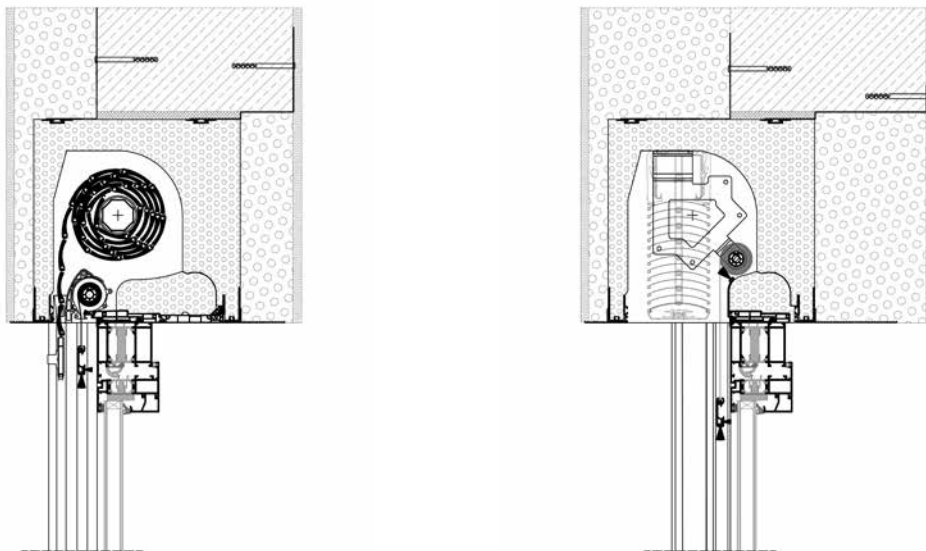
**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



Innovative technology



EXAMPLES OF CONSTRUCTIONS



roller shutter – SKB

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

Roller shutters in SKB STYROTERM system are an extremely versatile solution. In winter the system reduces heat loss through windows and doors, while in summer it protects rooms against overheating. This allows for significant savings of up to 30% per year. What is more, due to its integration with the insect screen, it provides a barrier that protects the interior of the house from the presence of annoying insects.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system profiles are characterized by high resistance to abrasion and weathering.

Profiles PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55

TOP MOUNTED SYSTEM

SKT OPOTERM



SKT OPOTERM-based roller shutters can be used both in new buildings as well as in the modernised ones. This universal and versatile product can be installed unintegrated, partially or totally integrated, as the front face of the roller-box is also a basis for any finishing material (styrofoam, plaster, clinker, etc.) so that it remains an unnoticed element of the façade. Its clever design allows to fabricate a single roller shutter, as well as a set of rollers shutters contained in only one box. SKT OPOTERM's particular advantage is the ability to choose how to access the product from the bottom or from the front of the box, this even before the final installation of the roller shutter takes place. Special profiles offered by Aluprof are compatible with the majority of window & door systems (aluminium, wooden & PVC). The roller's curtain can be made of high quality aluminium sheet that ensures durability and resistance to abrasion and weathering or made of PVC profiles. The system's design enables integration with insect screens, which ensure effective protection against insects. For buildings with very thin walls, which do not have any development possibilities, a variant with the so-called rounded side profile can be used. In view of the French market, where it is very common to use old frames that are not dismantled during renovation as they are the load-bearing element of the building structure. The shutter box is cut in the shape of the letter "Z", which allows to fit it to all versions of renovation frames on the market, whose fin size varies from 25 to 110 mm. This option is only available for versions without insect screens.

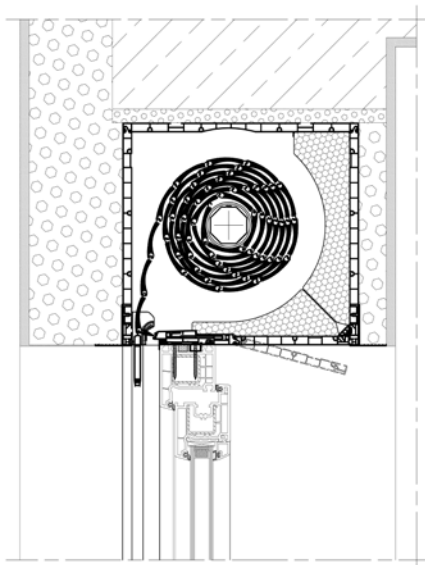
**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



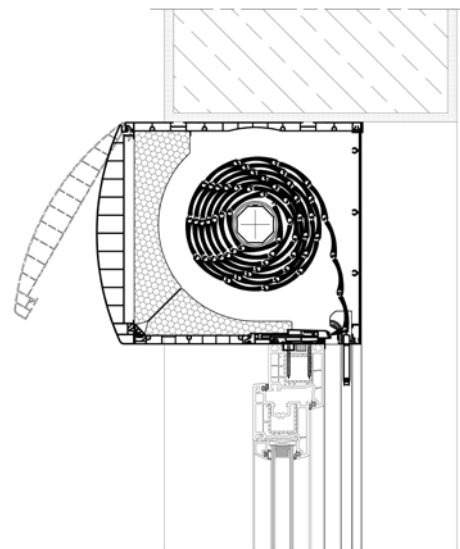
Functionality and visual appearance



EXAMPLES OF CONSTRUCTIONS



roller shutter – SKT



roller shutter – SKT

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

SKT OPOTERM roller shutters ensure an excellent thermal insulation allowing to significantly reduce heating costs in winter and heat flow in summer, which reduces overheating of rooms. In addition, an intelligent design and a full integration with the MOSKITO system protects the interiors against insects while maintaining the access of light and air.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system profiles are characterized by high resistance to abrasion and weathering.

Profiles

PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55

BUILT - IN SYSTEM

SDZ



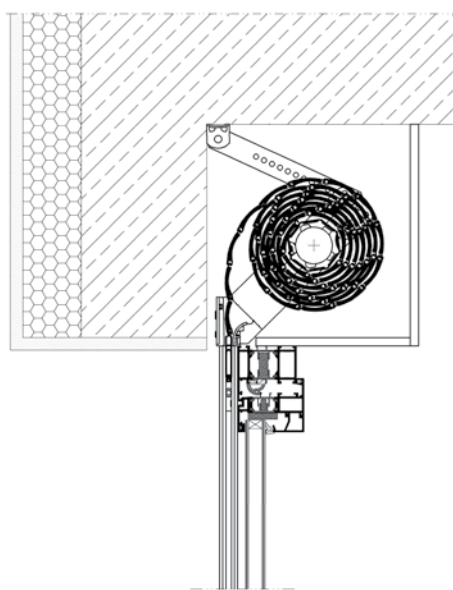
SDZ system, commonly known as the traditional roller shutter system, is mainly intended for use in existing buildings. This is the perfect solution in case of renovation, when the old roller shutters need to be replaced. Also, this system is often used in newly constructed buildings. At the building's design stage, architects provide the opportunity to replace roller shutters after years of operation. Specially designed SDZ system allows to quickly et noninvasively install the product to the existing surface. Aluprof offers many construction variants of the system, depending on the components used to match the functionality of the roller shutter and its mode of installation. Roller shutter's curtain consists of profiles made of high quality sheets covered with two-layer PU/PA paint coatings that are highly resistant to abrasion and weathering. There is also an option to use the PVC profiles. Depending on the user preferences, roller shutters can be controlled manually or by an electric drive via a wall-mounted transmitter or a remote control. Smart control via computer, tablet or smartphone is also an option. Large selection of colours (standard chart for profiles PA) allow to meet the needs of the most demanding customers.



One solution, multiple possibilities



EXAMPLES OF CONSTRUCTIONS



Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

Aluprof offers many construction variants of the system, depending on the components used to match the functionality of the roller shutter and its mode of installation.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings on the extruded elements are manufactured using powder coating, which ensures high quality and durability of the product

Profiles

PT 37 | PT 52 | PA 37 | PA 39 | PA 40 | PA 43 | PA 45 | PA 52 | PA 55

CURTAIN **s_onro**[®]

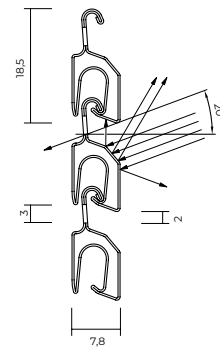


Aluprof SA offers s_onro[®] curtain, which can be successfully used in each version of the front and flush mounted systems. This innovative solution, thanks to the special construction of the profile with a wide perforation allows to get as much as 20% translucency. This enables us to let some more light into our home when the curtain is down. During the winter, we can use solar energy to heat our home whilst maintaining a proper balance of light and shadow (no glare effect). The solution, just like the other roller shutter systems may come in the version with an integrated insect screen. We offer the most popular colours of the curtain: white, silver, grey, grey anthracite and grey aluminium.

**RECOMMENDED
FOR ENERGY-EFFICIENT
CONSTRUCTIONS**



Modern, optically-clean form



Open slat



Closed strip

Technical specifications

s_onro® system combines blinds and roller shutters in a single system. - 20% of surface of the **s_onro®** system lets the sun's rays in (traditional shutters 1-2%). Total weight 5.8 kg/m². Aluminium endslat (42×8mm) with additional weight with the "stop" option.

Ventilation process

When the elevation angle of the sun exceeds 20° **s_onro®** system does not allow the direct flow of sunlight into the room. If we want to completely darken the room – the slats are closed. If we want to bring some light into the room **s_onro®** system allows to make individual settings, according to our preferences.

Colour charts

Grey anthracite, white, grey aluminium and silver.

ALUPROF ROLLER SHUTTERS MAKING YOU FEEL SAFE AT HOME



Home is the place we associate with calm and security. But how can we be sure our assets are really safe?

Every day the media bombard us with information about burglaries. Often we wonder what extra precautions shall we take in order to feel safe. Vigilance of the occupants is simply not enough. Then why not make a move to security solution, which will effectively stop the intruder? One such solution is an external roller shutter.

Burglar-resistant roller shutters are an innovative system that combines aesthetics and durability. They can be mounted in both newly constructed building and the existing ones. The product successfully fulfills its function thanks to the strengthening of individual components, such as channels whose design prevents deflecting and pulling out the profiles. In addition, the resistant structure of the curtain prevents any impact-induced damage of the roller shutter.

Aluprof is the first company whose product is certified class III burglar-resistant. This was confirmed by tests carried out in an accredited laboratory in accordance with EN 1627:2011. The quality of the system is also ensured by a patent protected latch mechanism in the bottom part of the roller shutter that prevents the latter from being raised up.

Moreover, a novelty in our offer is the anti-burglary roller shutter system in RC2 class.

ROLLER SHUTTER SYSTEM

SAFETY PREMIUM



This system is aimed at those to whom the safety of their families is one of top priorities. As a manufacturer of roller shutter systems, we decided to go a step further and offer our customers a product that is not only a great decorative element, but will also provide an effective protection against intrusions. Modern design, functionality, ease of installation and operation, as well as aesthetic appearance will help the roller shutter to meet the requirements of the building and fit the colour of the façade. In this type of products, the individual elements, i.a. channels have special reinforcement, which prevents deflecting and pulling out the roller shutter profiles. In addition, the resistant structure of the curtain prevents any impact-induced damage to the roller shutter. In addition, the latch mechanism mounted in the bottom part of the roller shutter prevents raising of the roller shutter's curtain, which ensures an effective protection of the house. Rollers shutters are made of aluminium, and are thus lightweight, weather resistant and easy to maintain. During our absence, they protect windows and balcony from the sight of potential attackers, and our possessions – from theft. The isolation helps us also to protect the interiors from excessive sunlight and warming up.

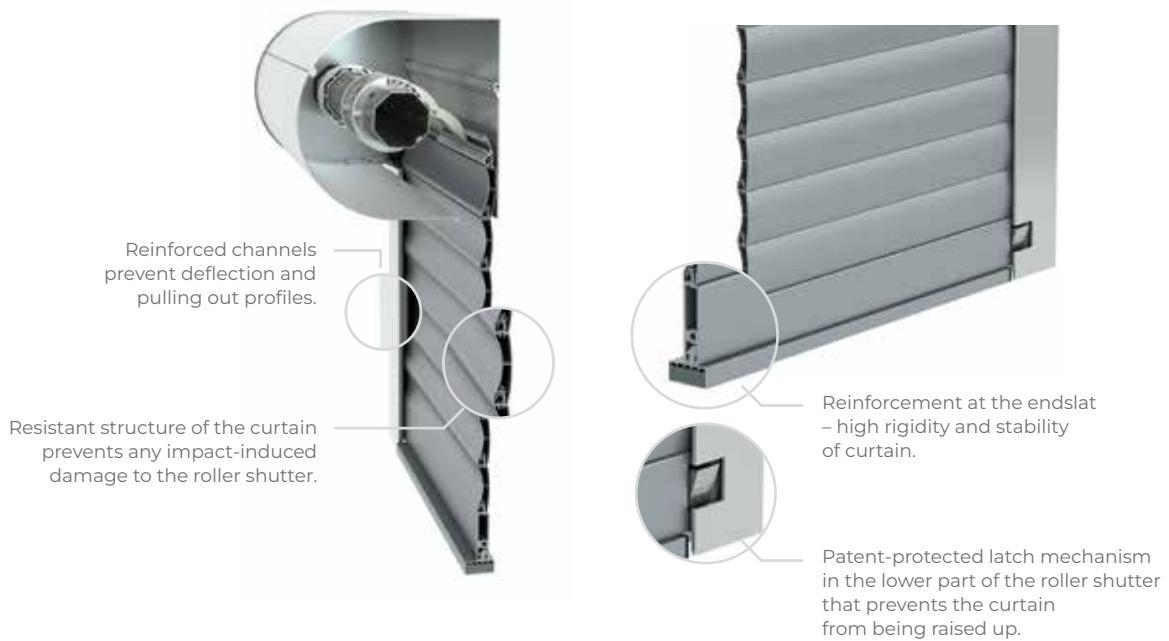


RC 3

ANTI-BURGLARY



Anti-burglary roller shutters certified RC3



Special characteristics

- robust design of the roller shutter's curtain
- reinforced channels
- latch mechanism in the bottom part of the roller shutter
- reinforced endslat

Practical values

Roller shutters are compatible with different systems in which the shutter is rolled into an aluminium shutter-box on the wall or mounted on window reveal. The technologies used as well as smart design allows the roller-boxes to be least visible after installation. Thanks to a large selection of adaptive systems it is possible to fit them aesthetically to the façade of a house.

Colour charts

Profiles are available in a wide range of colours, so you can make a perfect match with the windows.

Profiles

PE 55

ROLLER SHUTTER SYSTEM **SAFETY PLUS**



SAFETY PLUS anti-burglary roller shutter system is a proposal addressed to investors for whom security issues are of vital importance and are looking for a certified solution at an affordable price. The main advantage of the product is a specially developed latch system in the bottom endslat, which makes it difficult to lift the roller shutter curtain when attempting to open manually the shutter from the bottom and enter into the property. Thanks to the reinforcement of the guide channels and the bottom endslat, it is also difficult to pull out single roller shutter profiles and thus dismantle the curtain. Its robust and durable construction, made of extruded profiles PE41 provides increased resistance to impact. The proposed solution has been successfully tested in a research institute and has been certified in the RC2 burglary resistance class. The proposed anti-burglary construction can be used in both adapting and under plaster systems, which makes them applicable at every stage of the investment. The construction of the system is made of extruded aluminium, which guarantees its durability and strength over the years of use.

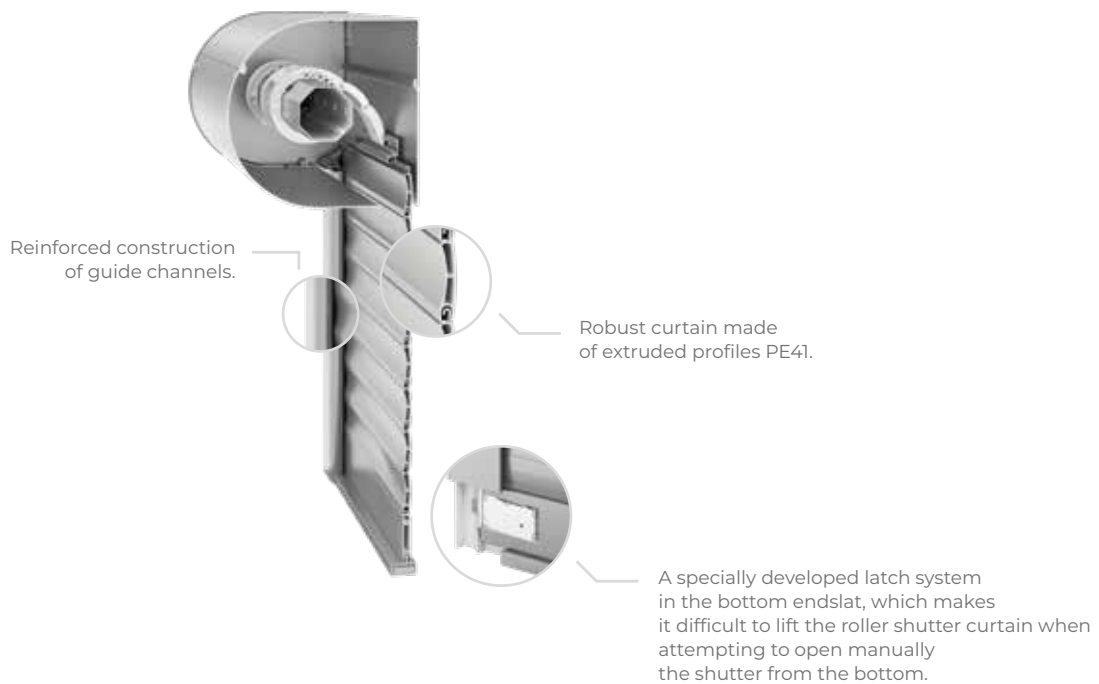


RC 2

ANTI-BURGLARY



Effective protection in the RC2 class



Special characteristics Robust design of the roller shutter's curtain made of PE41 profiles. A specially developed latch system in the endslat makes it difficult to lift the roller shutter curtain when attempting to open manually the shutter from the bottom.

Practical values The proposed anti-burglary construction can be used in both adapting and under plaster systems, which makes them applicable at every stage of the investment. The construction of the system is made of extruded aluminium, which guarantees its durability and strength over the years of use.

Colour charts Profiles are available in a wide range of colours, so you can make a perfect match with the windows.

Profiles PE 41

A MODERN ALTERNATIVE TO THE CLASSIC ROLLER SHUTTER



SkyTwin is the first solution on the market combining an external roller shutter and a screentype sunshade in a single product. This innovative integration results in a compact high-tech system that offers excellent thermal insulation year-round, leading to significant savings in heating and cooling costs.

SkyTwin is the result of the careful work of a team of engineers who focused on creating a product that not only meets the expectations of demanding investors, but also proves to be an interesting alternative for sunshade manufacturers. Taking into account the fact that space saving, cost optimisation and fast assembly are now of great importance to manufacturing companies, many of the components common to external roller shutters and screens previously offered by Aluprof were used.

Due to the use of a ZIP screen, the product can also function as an insect screen, protecting interiors from insects.

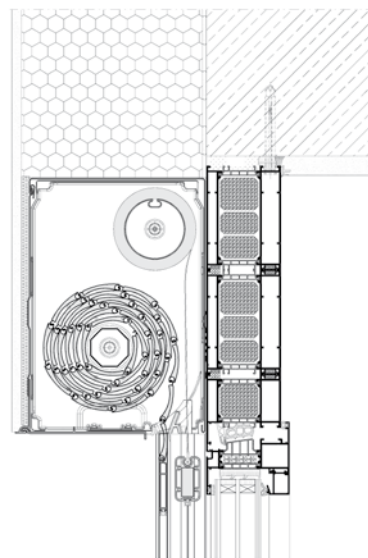
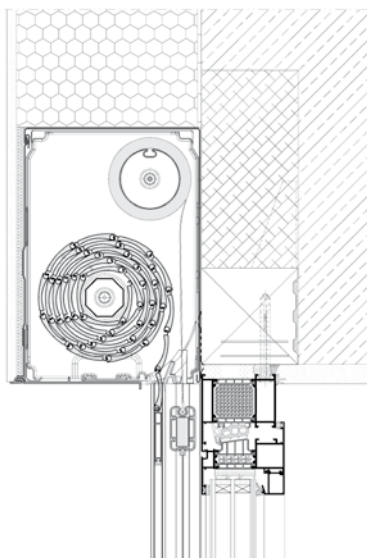
ROLLER-SCREEN SYSTEM

SkyTwin

The innovation of the SkyTwin system lies in the integration of the external roller shutter and screen in a single product, which has created a technologically advanced and revolutionary solution on the market. The product has been developed with energy-efficient construction in mind, so its design has been fully adapted for built-in use. Thus, the system is ideally suited for assembly in newly constructed buildings or in existing buildings, once the necessary changes have been made to the lintel. There are brackets available in several sizes to finish the development with any material. The main element of this innovative solution is a 180×260 mm aluminium shutter box made of bent aluminium sheet in which the two round reels are placed. The technology of the SkyTwin system provides for a SkyRoll ZIP and SkyRoll Classic version of the screen. Most importantly, the ZIP technology ensures maximum sealing and protection of the interior against the presence of insects. The well-thought-out construction of the SkyTwin system allows the roller shutter curtain to be made using selected aluminium profiles filled with polyurethane foam, PT37 plastic profiles or PE41 extruded profiles. Aluprof's range includes a collection of specialised screen fabrics from renowned European manufacturers, i. e. Copaco and Serge Ferrari. Materials from which the screen fabrics are made are very resistant to everyday use, deformation, tearing, as well as weather conditions. (rain, UV radiation, wind, etc.).



Saving by covering up



Ease of use

The control in SkyTwin systems has been fully automated. It is possible to use Aluprof's motors from AM, DM series and dedicated Elero and Somfy drives.

Practical values

On a hot, sunny day, by using the screen, the user can lower the temperature in the room by up to several degrees Celsius, achieving a comfortable environment for working and living, while providing an adequate view of the outside. In winter, on the other hand, when there is a risk of rapid cooling of the rooms, the roller-screen turns out to be an excellent ally that provides additional thermal insulation.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings on the extruded elements are manufactured using powder coating, which ensures high quality and durability of the product.

Slats

PT 37 | PA37 | PA39 | PA40 | PA43 | PA45 | PE41

EFFICIENT SUN MANAGEMENT



Fitting façades with external venetian blinds is a highly practical way of blocking out the sun and effectively protecting interiors from overheating while providing comfortable optical conditions. Regulatable slats are a typical feature of these products, giving users the freedom to select the angle and degree of shading which works best for them. At the same time, the aesthetic profile of the slats and the aluminium structural elements in the form of the headbox and guides, give façades a contemporary, original look. Well-designed, well-made structures of this kind also make it possible to create large-scale constructions, so they are very often used for extensive glazing. As a result, external venetian blinds have been employed to excellent effect in public buildings and residential developments alike.

The ALUPROF range offers a system in three variants; front-mounted, under plaster or self-supporting.

VENETIAN BLINDS

SkyFlow SZF/A



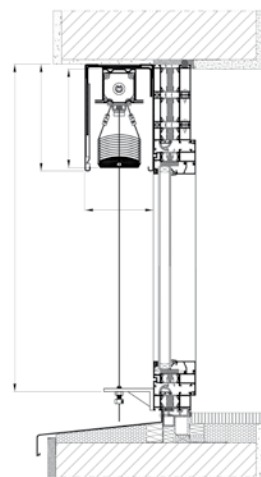
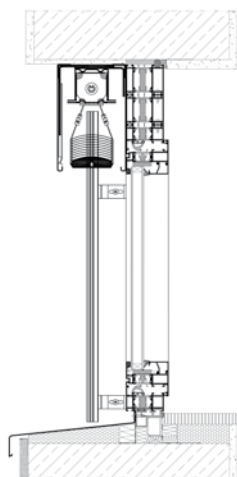
Venetian blind in front - mounted version SkyFlow SZF/A is designed for installation on the elevation or in the window recess in the already existing buildings. The protective cassette is made of 1.2 mm and 2.0 mm thick aluminium sheet and is available in 4 different installation variants. If special strength parameters need to be met, a sheet metal of 2.0 mm is also available. The system is available with aluminium guide channels, for which telescopic handles with an adjustment option are available, and with steel guides. The aluminium guide channels, the only solution of this type available on the market, are equipped with special seals eliminating the noise that can arise when the slat hits the guide channel. The solution includes the possibility of dividing the blinds by using a double guide channel. In addition, there is the option of using both guide channel versions in one set. Aluprof is the only manufacturer on the market offering an adjustable internal connector for corner mounting, which allows for a very aesthetic finish. Slats made of shaped aluminium sheet and are available in two shapes: C and Z. Stiffness and wind resistance is guaranteed in the case of blinds slats profiled in the shape of the letter C and their double-sided folding inwards. In addition, their rotation range is from 0 to 180 degrees. The slats in the shape of the letter Z are designed to provide complete shading and are additionally equipped with a special soundproofing seal. Their rotation range is from 0 to 90 degrees. There are two types of pins available in the offer: steel (durable and resistant) and PVC (minimizes noise that may arise during wind). Max. dimensions when using aluminium guide channels is 4500×4000 mm (max. surface 18 m²) and 3000×4000 mm or 4000×2500 mm when using steel rope (max. surface 12 m²).



Multidimensional Measure of Comfort



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/S



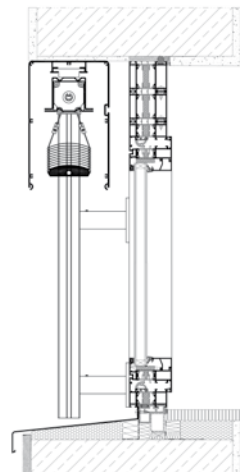
The self-supporting version of the blind has been designed mainly for façade installation in buildings with large glazing. Due to the clever design, the load-bearing element of the system are the guide channels that transfer the entire weight to the façade columns. Thus, there is no need for additional fixing of the protective cassette, which is a decorative element due to its aesthetic finish. It is made of extruded aluminium and is available in two shapes: oval and square, to which the guide channels have been adapted accordingly. The product provides for the possibility of modular installation in one cassette up to 6000 mm. Blind slats made of shaped aluminium sheet and are available in two shapes: C and Z. Stiffness and wind resistance is guaranteed in the case of blinds slats profiled in the shape of the letter C and their double-sided folding inwards. In addition, their rotation range is from 0 to 180 degrees. The slats in the shape of the letter Z are designed to provide complete shading and are additionally equipped with a special soundproofing seal. Their rotation range is from 0 to 90 degrees. There are two types of pins available in the offer: aluminium (durable and resistant) and PVC (minimizes noise that may arise during wind). Max dimensions are: 4500×4000 mm (max. surface 18 m²)



The harmony of light and shadow



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/P



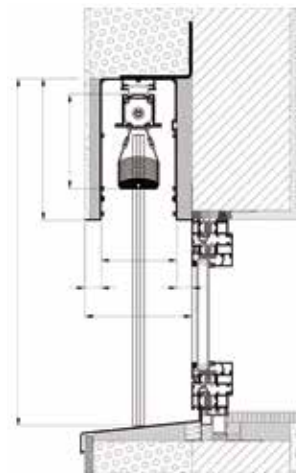
The flush-mounted version of the blind is dedicated for installation in new buildings or existing buildings after making necessary changes within the lintel. That is why it is worthwhile to plan the use of this type of blinds at the design stage. The protective cassette is made of extruded aluminium and has a special plaster foundation, enabling plasterwork with any finishing material. The system has dedicated guide channels for installation. It is also possible to use round and square guide channels from a self-supporting or adapting version. Venetian blind slats made of shaped aluminium sheet and are available in two shapes: "C" and "Z". Stiffness and wind resistance is guaranteed in the case of blinds slats profiled in the shape of the letter C and their double-sided folding inwards. In addition, their rotation range is from 0 to 180 degrees. The slats in the shape of the letter "Z" are designed to provide complete shading and are additionally equipped with a special soundproofing seal. Their rotation range is from 0 to 90 degrees. There are two types of pins available in the offer: aluminium (durable and resistant) and PVC (minimizes noise that may arise during wind). Max dimensions are: 4500×4000 mm (max. surface of 18 m²)



Sustainable technology



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/BX



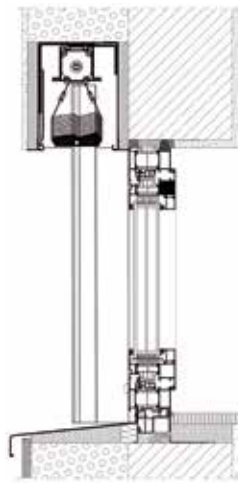
The venetian blind in the BOX under plaster version was designed mainly for easy and quick installation in newly built buildings. Due to the installation method, it is therefore worthwhile to consider the possibility of using this type of solution already at the design stage of the building. The cover box is a ready-made element and is made of bent aluminium sheet. It can be fitted with a plaster foundation on both sides. The rear plaster foundation allows for 2 cm of lintel insulation. The front one, on the other hand, enables plasterwork to be carried out using any finishing material. The system has dedicated guide channels to facilitate on plaster mounting in two sizes. In addition, steel guides are also available and, in the case of corners, it is possible to use an aluminium guide channel and steel guide version in one set. There are two types of slats "C" and "Z" made of profiled aluminium available in the offer. The former are turned inwards on both sides, which guarantees rigidity and wind resistance. In addition, they have a rotation range of 0-180 degrees. The Z-shaped slats, on the other hand, provide more complete shading due to their design and are additionally equipped with a special soundproofing seal. They have a rotation range of 0-90 degrees. There are two types of pins available: steel (durable and long-lasting) and PVC (minimises wind noise). Maximum dimensions: 4500×4000 mm (max. surface 18 m²).



Easy and fast assembly



EXAMPLES OF CONSTRUCTIONS



Operation simplicity

Venetian blinds are equipped with an electric motor and can be controlled by remote control or smartphone. This allows the angle of slats to be freely adjusted and thus the appropriate level of shading to be selected. The use of a fully automatic control system, including among others solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting the rooms from overheating. The use of other elements of weather automation, such as rain or wind sensors, may in turn provide additional protection for the shield in case of unfavourable weather conditions.

Advantages

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The string ladder is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that ensures lower package height. Textiles are available in grey and black.

Colours

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette, which will allow to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLIND SYSTEM **SKEF**



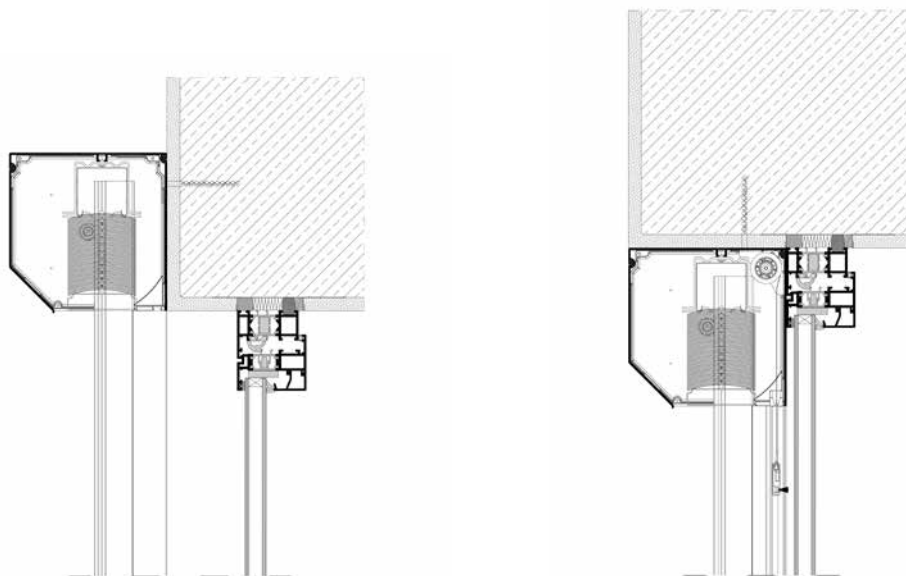
SKEF venetian blinds system is intended for use in existing buildings. The advantage of these products is that they do not require any special pre-installation preparation nor works to the existing structure as they are not integrated with the window. Buyers can thus decide to install the front-mounted roller shutters at any time. These solutions can be mounted to the window joinery (in the recess) or directly on the wall. In the first case, The construction of the systems is made of extruded aluminium that ensures its durability and resistance to abrasion and weathering. Using any RAL colour allows for a perfect colour match for visible elements of the façade or window frame. The box of the SKEF system is cut at an angle of 45° and due to its specially design construction is more durable and resistant to weathering. Prefabrication is very easy – non-invasive installation of venetian blind rail eliminates the need for drilling keeping the product aesthetic. Specially designed guide channels provide a consistent functioning. SKEF system is an universal solution that can be used for installation of venetian blinds using slats in size from 80 – 90 mm. Moreover SKEF system allows to equip venetian blinds with an insect screen, which provides effective protection against insects while maintaining the flow of light and fresh air to interior spaces.



Perfect balance between light and shadow



EXAMPLES OF CONSTRUCTIONS



venetian blind in SKEF roller shutter box

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

All details were designed with the aim to enable the installation of venetian blinds together with front mounted roller shutters on the facade. This allow to keep the esthetic look of the building.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system profiles are characterized by high resistance to abrasion and weathering.

Slats

80 mm | 90 mm

COMPLETE SYSTEM INTEGRATION



External roller blinds are a highly functional solution which is frequently used for public and residential buildings alike. The main advantage of these blinds is the protection they provide interiors against exposure to the sun as a result of their specialist, technical fabrics.

They also provide privacy by stopping people outside from seeing in, while giving users an excellent view out. In addition, they offer optical comfort by acting as an effective barrier to exterior light and minimising the screen glare it can trigger. With the right choice of fabric, external roller blinds become a stylish accessory, adding a unique decorative flourish to a building. It is worth noting that, when properly chosen, they can also function as efficient insect screens, keeping interiors 'bug-free'.

The ALUPROF range offers three systems, the SkyRoll Zip, the SkyRoll Classic and the SkyRoll ECO.

EXTERNAL ROLLER BLIND SYSTEM (SCREEN)

SkyRoll ZIP



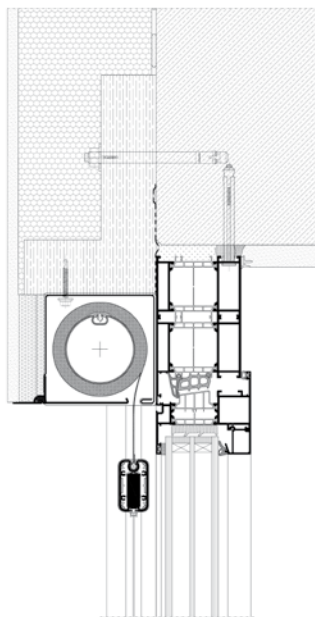
The SkyRoll ZIP system is the latest generation product designed for shading rooms with large glazed surfaces. It is extremely innovative due to the use of technology borrowed from the zipper mechanism on the edges of the fabric. Specially designed two-part guide channels are thus directly integrated into the fabric, which guarantees maximum sealing and protection against insects. In addition, the solution used here ensures that the fabric is properly tensioned and firmly seated in the guide channel, which protects it especially against gusty winds. The product is available in front-mounted, flush-mounted or top-mounted variants. Depending on the version of the selected product, the offer includes construction elements made of aluminium sheet, PVC or extruded aluminium. The use of the latter material ensures durability and strength for years of use, and also allows for painting in any RAL colour and matching the sunshade to the window joinery or building facade. Unlike other products of this type available on the market, the SkyRoll Zip is equipped with a telescopic handle, which ensures simple and quick assembly, disassembly of the system and collision-free service access. Manual control is not possible. The maximum dimension is 5000×5000 mm (16 m²)



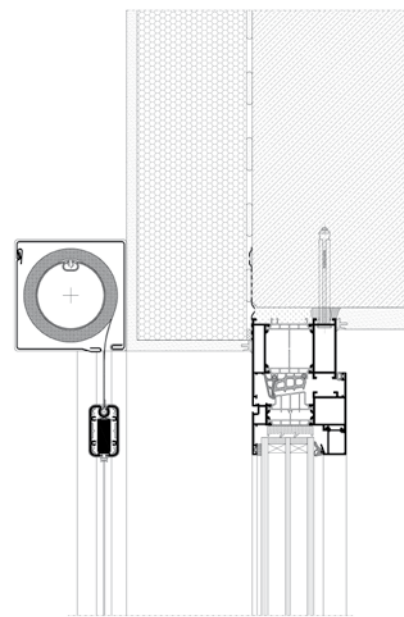
Maximum sealing



EXAMPLES OF CONSTRUCTIONS



under plaster variant



front-mounted variant

Easy of use

Screen are electrically controlled, which allows a convenient operation of the product. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions. The option of a driving system with gear mechanism is also available.

Practical values

The offered screen systems provide a perfect balance between light and shade, and what is more, they can be a timeless decorative element of a building. Specialist fabrics used in blinds, due to their reflexive, permeable and absorbent properties, stop the greenhouse effect inside the room, which helps to maintain a constant, comfortable temperature, while maintaining a clear view of the outside.

Colour charts

They are a perfect decorative element, matching the appearance of the building due to the wide range of colours. Profiles designated for different systems, manufactured of high-quality sheet are characterized by increased resistance to abrasion and weathering.

EXTERNAL ROLLER BLIND SYSTEM (SCREEN)

SkyRoll Classic



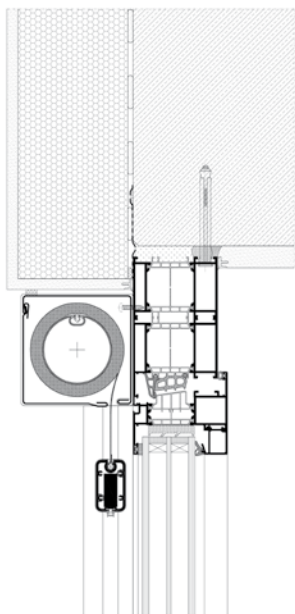
SkyRoll Classic is the most popular system in the family of screen type roller shutters, which is designed both for use in public buildings as well as in modern residential buildings. This product perfectly reduces solar radiation without sacrificing natural daylight, providing optimum protection against overheating. In this system there is no direct integration of the fabric with the guide channel. The product is available in front-mounted, flush-mounted or top-mounted variant. Depending on the version of the selected product, the offer includes construction elements made of aluminium sheet, PVC or extruded aluminium and were adopted mainly from SkyRoll Zip system. This is extremely important for manufacturers, as it allows the use of most components such as guide channels, round reel or bottom rail and thus optimises stock levels. This solution is also equipped with a telescopic cap for the round reel, providing installers with fast assembly, disassembly, and non-invasive service access. This holder can also be used with roller shutters. Manual control is not possible. The maximum dimension is 5000×5000 mm (16 m²)



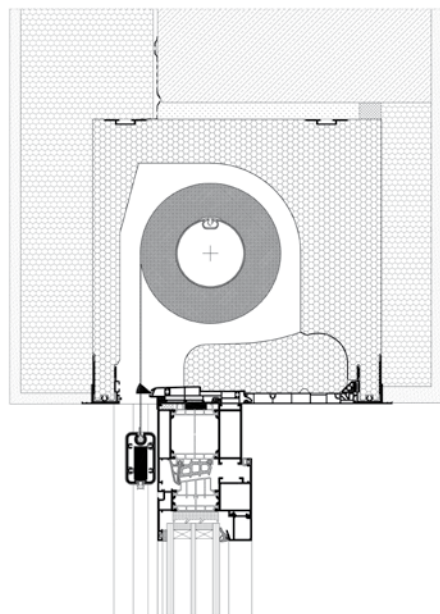
Visual comfort



EXAMPLES OF CONSTRUCTIONS



front-mounted variant



top-mounted variant

Easy of use

Screen are electrically controlled, which allows a convenient operation of the product. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The offered screen systems provide a perfect balance between light and shade, and what is more, they can be a timeless decorative element of a building. Specialist fabrics used in blinds, due to their reflexive, permeable and absorbent properties, stop the greenhouse effect inside the room, which helps to maintain a constant, comfortable temperature, while maintaining a clear view of the outside

Colour charts

They are a perfect decorative element, matching the appearance of the building due to the wide range of colours. Profiles designated for different systems, manufactured of high-quality sheet are characterized by increased resistance to abrasion and weathering.

EXTERNAL ROLLER BLIND SYSTEM (SCREEN)

SkyRoll Eco



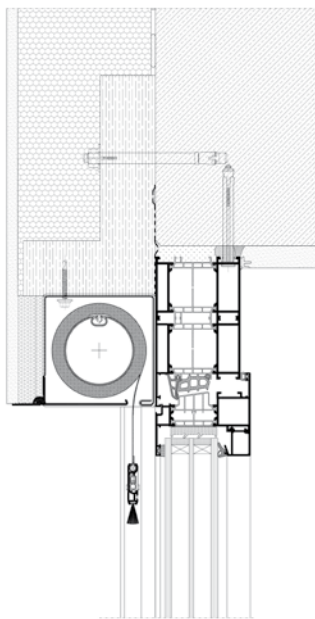
SkyRoll Eco is a low-budget solution designed for less demanding investors. This product is perfect for buildings that need permanent sun protection, as well as on balconies, summerhouses or pergolas. The characteristic feature of the screen is the manual control with a spring system. It is also equipped with an intuitive mechanism ALU-CLICK for convenient closing and opening of the insect screen, which makes its use very simple and does not require a lot of effort. When closing it is enough to gently close the endslat. The product is available in front-mounted or flush-mounted variant. Depending on the version of the selected product, the offer includes construction elements made of aluminium sheet or extruded aluminium. The SkyRoll ECO has a dedicated guide channel that is integrated into the fabric, additionally protecting the interior from insects. The bottom list was adopted from the MKT insect screen system, which allows for the optimisation of stock levels. Thanks to the use of a telescopic cap in the round reel, the assembly and disassembly of the screen is very quick and easy, which is important during possible maintenance. As in the case of the ZIP and CLASSIC versions, this cap can also be used for roller shutters where SW40 reel is used or, thanks to adapters, also for SW50 and SW60 versions. The maximum dimension is 2000×2500 mm.



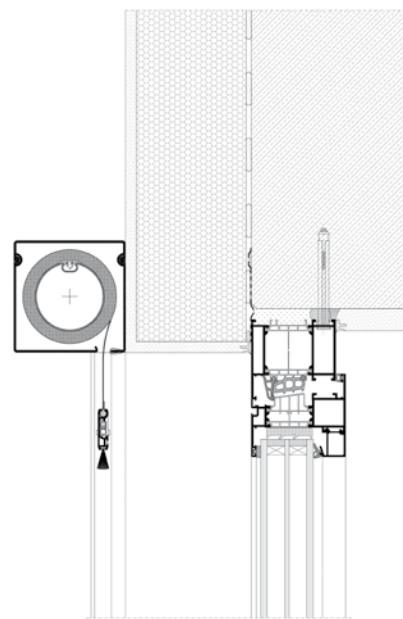
Classic alternative



EXAMPLES OF CONSTRUCTIONS



under plaster variant



front-mounted variant

Easy of use

The SkyRoll Eco system can only be controlled manually with the use of the spring system. The use of the screen is very simple and does not require a lot of effort due to the intuitive closing and opening mechanism.

Practical values

The offered screen systems provide a perfect balance between light and shade, and what is more, they can be a timeless decorative element of a building. Specialist fabrics used in blinds, due to their reflexive, permeable and absorbent properties, stop the greenhouse effect inside the room, which helps to maintain a constant, comfortable temperature, while maintaining a clear view of the outside

Colour charts

They are a perfect decorative element, matching the appearance of the building due to the wide range of colours. Profiles designated for different systems, manufactured of high-quality sheet are characterized by increased resistance to abrasion and weathering.

FUNCTIONAL CANOPY FOR LARGE AREAS



Pergola is a highly functional solution, created with the idea of roofing large areas. It is a stylish addition, perfectly matching the trends of modern construction.

The product is suitable not only for single-family houses, terraces and gardens, but also for commercial buildings, as a modern and practical element of roofing summer gardens in cafés or restaurants.

Thanks to the possibility of using side screens or sliding glass panels, the pergola can be used regardless of the prevailing weather conditions.

Aluprof offers two pergola systems: **MB-OpenSky 140** (premium option) and **MB-OpenSky 120**. Discover our latest solutions and make money on prefabrication!

PERGOLA SYSTEM

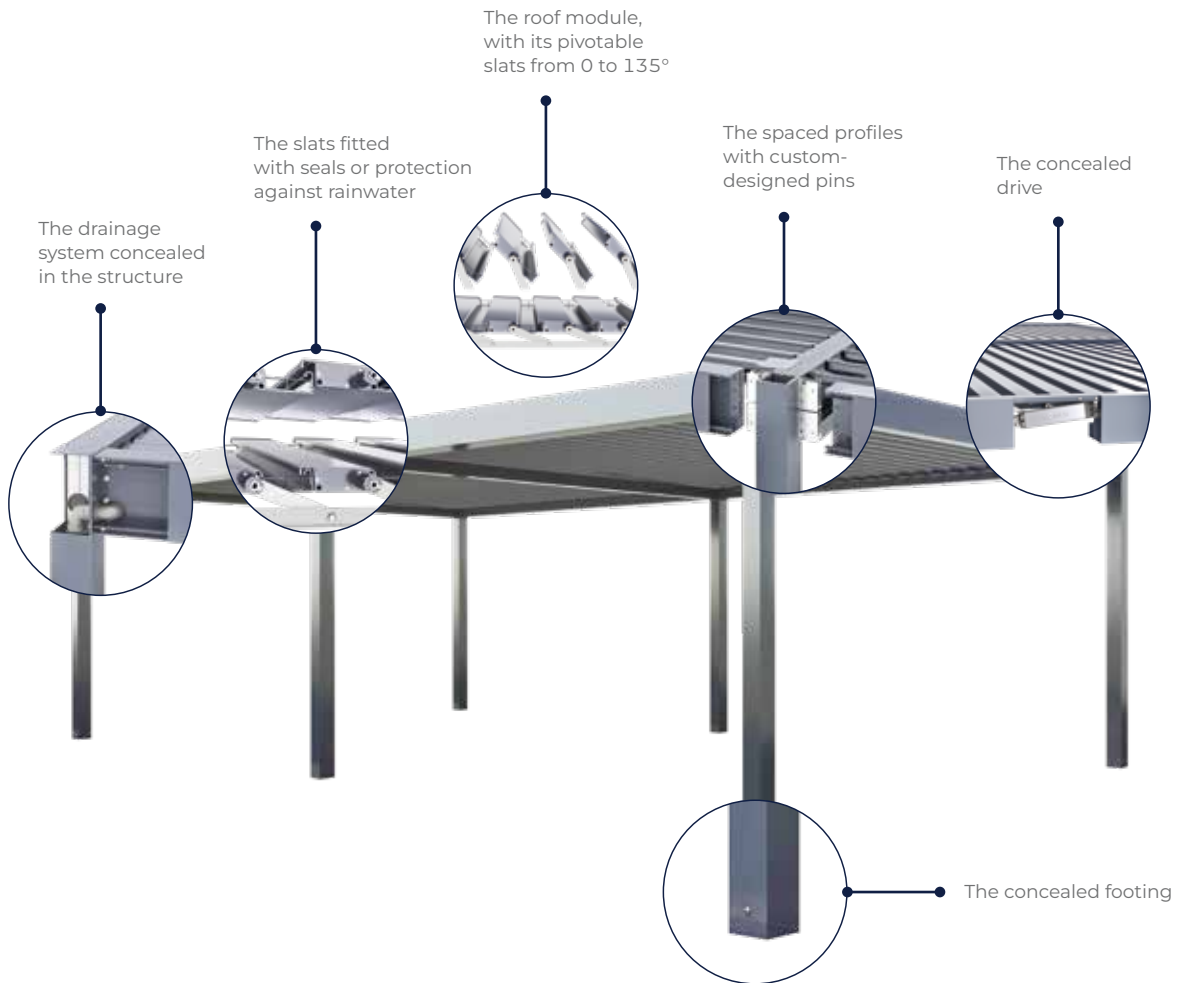
MB-OpenSky 140



Pergola is a modern and extremely functional solution, used as roofing for terraces or separate garden areas, which, depending on the needs and creativity of the user can find a number of applications. The MB-OpenSky 140 structure is made of extruded aluminium, which guarantees its durability for years. An innovative method of spacing the profiles with custom-designed pins makes it possible both to ensure the stability of the entire system and to create an aesthetic connection with no visible gaps. The canopy is formed by a module composed of movable slats and fitted with a mechanism for changing their angle on an axis from 0 to 135°. The slats feature tailor-made seals for protection against rainwater and there is a drainage system located in the posts. This ensures that water is efficiently fed through gutters and downpipes to the storm drain. pergola is resistant to snow load and powerful wind gusts. There is a free-standing version and a wall-mounted version, which comes complete with a custom-designed bracket, making it possible to insulate the wall. We also offer two-bay solutions, making it possible to extend the useable area.



Thoughtful technology and aesthetic details



Ease of use

The MB-OpenSky 140 pergola is equipped with a fully electric roof-control mechanism that is completely concealed in the structure. The angle of the slats can be smoothly adjusted to anywhere between 0 and 135°, which provides full control not only of how much sunlight is allowed in but also of the natural ventilation. The mechanism can be operated using a remote control, a switch, a mobile phone app or the desired scenario programmed into a smart home control system. The pergola can also be fitted with further accessories, including a wind sensor, a rain sensor and/or a sun sensor, all of which significantly enhance user comfort.

Practical values

The ingenious design of the ALUPROF MB-OpenSky 140 means that side blinds or sliding glass panels can be fitted. This opens up the possibility of creating a unique atmosphere, surrounded by nature, no matter how the weather is! The pergola can also be equipped with LED lighting tailored to work without affecting the roof slats and heating unit. The solution provides for it to be installed in the form of a LED strip on the roof slats and a spotlight, together with additional lighting, around the upper edge.

Colour charts

The extruded aluminium structure can be coated with any colour from the RAL palette. It can also be coordinated with the joinery of a building's window and/or façade. The powder coating technology ensures that the coating is tough and will endure for years.

PERGOLA SYSTEM

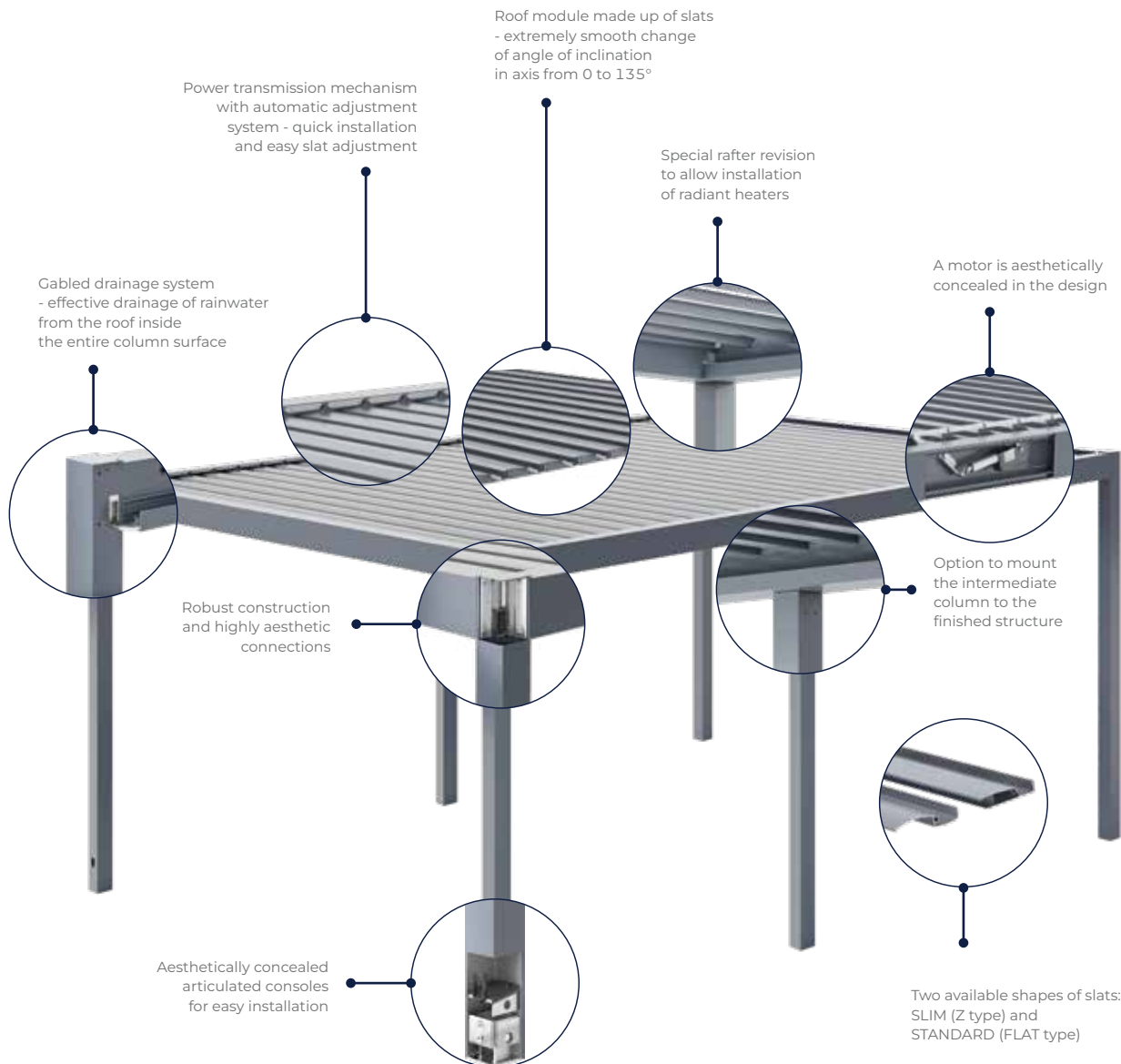
MB-OpenSky 120



MB-OpenSky 120 is a unique product that perfectly fits in with the trends of modern construction and is characterised by its high durability and high quality of details. The use of an innovative method of fitting profiles has ensured the stability of the entire system, as well as aesthetically pleasing connections with invisible gaps. The roofing of the MB-OpenSky 120 pergola is a module made up of movable slats (two shapes available), equipped with a mechanism enabling smooth change of its inclination angle from 0 to 135° on the axis. The transmission mechanism, equipped with an automatic adjustment system, allows rapid installation on-site and easy and problem-free adjustment of the individual slats. The clever design of the MB-OpenSky 120 pergola makes it durable and resistant to weather conditions. The product has been equipped with a gabled drainage system, allowing rainwater to be effectively drained from the roof inside the entire surface of the column. There is a free-standing version and the ingenious design of the product predicts to use side screens such as sliding glass panels and/or screens.



Perfect in every way



Ease of use

The MB-OPENSKY 120 pergola is equipped with an electric drive that allows the use of SMART technology control devices from various manufacturers, including Somfy. Pergola can be operated using a remote control, a switch, a mobile phone app or the desired scenario programmed into a smart home control system. The pergola can also be fitted with further accessories

Practical values

The clever design of the MB-OpenSky 120 pergola allows for any arrangement. It is possible to incorporate side screens such as screens, sliding glass panels or both solutions at the same time. In this way, we can create a unique atmosphere in a natural setting regardless of the prevailing weather conditions. What's more, the product also has the option of LED lighting. The lighting has been designed to work non-invasively with the roof slats. The available solution provides for its installation in the form of an LED strip both in the roof slat (linear for SLIM slats, punctual for STANDARD slats) and along the outline of the structure. In addition, a special revision in the rafter makes it possible to install radiant heaters.

Colour charts

The extruded aluminium structure can be coated with any colour from the RAL palette. It can also be coordinated with the joinery of a building's window and/or façade. Up to 12 colours are available in the standard palette. The powder coating technology ensures the durability and strength of the coating for many years of use.

KEEP MOSQUITOES OUT OF THE HOUSE



A swarm of mosquitoes or wasps hovering around the table can kill the most agreeable summer evening. Using insect screens is by far the ideal solution. Insect screens are an extremely functional and aesthetic protection against insects. Aluprof offers three frame insect screen systems: fixed, swing and sliding, two roll up solutions and pleated insect screens. This diversity enables us to choose an insect screen that is suitable for all types of windows and rooms.

Insect screens' design allows an easy installation on window and door profiles. **MRO** hinged insect screen is perfectly suited to the balcony door. In rooms where we need regular protection, such as bedroom, bathroom or child's room, it is a good idea to use **MRS** fixed frame fly screen. Due to the fact that aluminium joinery begins to play an increasingly important role, and this not only in office or commercial buildings, but also in residential facilities, we decided to modify our fixed mosquito screens, so that they can be installed on flush aluminium windows. The **MRSZ** system does not limit in any way the functionality of the window. As for the terrace walkout, the ideal solution would be to use **MRP** sliding fly screen. The roll up insect screen **MZN** is perfect choice for kitchens. The big advantage of this product is that it can be closed and opened at any time. This will be surely appreciated by all the mums who may want to control the security of their children playing in the back yard. With a view to protect attic spaces we developed the insect screen **MZH**. This solution is equipped with a specially designed hook-in connection that enables the installation on roof windows.

The pleated insects screen **MPH** is a novelty in Aluprof's range. It was designed with the aim of providing space savings while they guarantee the optimal use of the surface. This solution is also available in the **MPH DUAL** version as a two-wing option with the possibility of making a corner insect screen without a post and **MPH HARMONY VERTI** for mounting on window frames and roof windows.

Aluprof insect screens are made of aluminium and are available in many colours, allowing for proper fit of the product to the window frame and the building façade.

PLEATED INSECT SCREEN SYSTEM **MPH HARMONY**



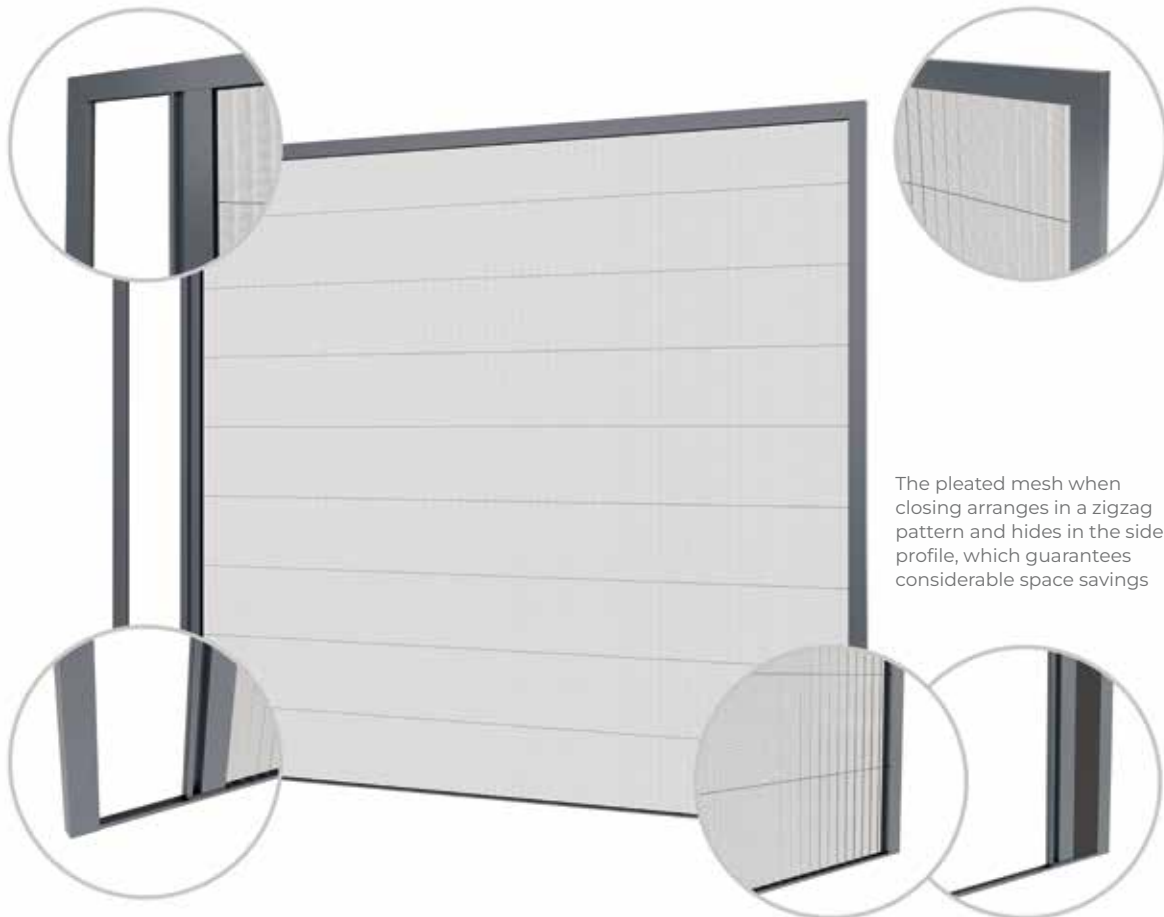
Pleated insect screen system MPH is a solution primarily designed with the aim of providing space savings. This product is ideal for installation on the patio doors and balcony niches, where the width reaches up to 4m. The use of special pleated mesh, which when closing arranges in a zigzag pattern and hides in the side profile is a characteristic feature of this product. Thus, the insect screen takes up little space allowing optimal use of the surface. Importantly, it does not impair, in any way, the functionality of the door and does not obstruct visibility to the outside. An advantage of this solution offered by Aluprof is the possibility of separate tension control of each of the ropes controlling the insect screen, which guarantees its stable arrangement. The MPH system is characterized by an extremely smooth movement, which makes its use very simple and does not require much effort. In addition, the construction of the insect screen allows to stop it in any position. The advantage of this solution is also the low threshold that does not hinder the passage of users. The insect screen is made of extruded aluminium, which makes it durable and resistant to weather conditions, and in addition it can be varnished in any RAL colour. The pleated insect screen Harmony has been designed to smoothly work with the Aluprof roller shutter systems.



Optimal use of the surface

The insect screen construction is made of extruded aluminium, which guarantees its durability and strength

The possibility of separate tension control of each of the ropes controlling the insect screen, which guarantees its stable arrangement



The pleated mesh when closing arranges in a zigzag pattern and hides in the side profile, which guarantees considerable space savings

The possibility of achieving large widths up to 4 m

The use of low threshold allows free passage of users

Ease of use

The MPH system is characterized by an extremely smooth movement, which makes its use very simple and does not require much effort. In addition, the construction of the insect screen allows to stop it in any position. The advantage of this solution is also the low threshold that does not hinder the passage of users.

Practical values

Intelligent design and carefully selected materials provide effective protection against insects while maintaining the access of light and air. The pleated insect screen Harmony has been designed to smoothly work with the Aluprof roller shutter systems with the guide channel PPMO 53.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

PLEATED INSECT SCREEN SYSTEM **MPH DUAL**



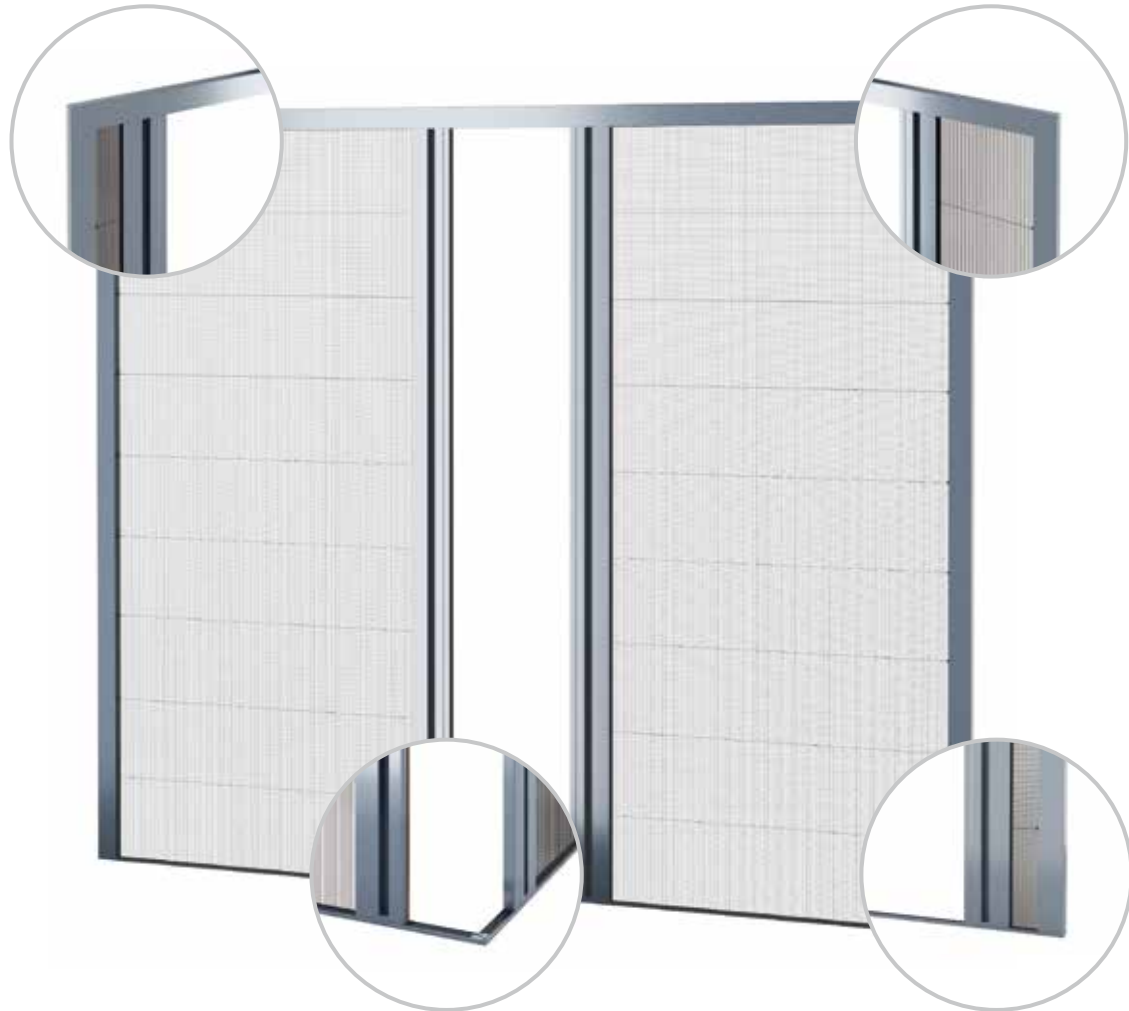
MPH DUAL is a pleated insect screen system, which belongs to the HARMONY family. The system has been designed as a two-wing variant with the possibility of making a corner insect screen without a post. Due to this solution, the product can be used on standard terrace doors, whose dimensions reach up to 6 m wide and 2.7 m high, as well as on increasingly popular HS type corner sliding doors. A characteristic feature of the MPH DUAL system is a pleated mesh which, when closed, forms a harmonica and then hides in the side profile and due to this solution allows for optimal use of space. The mesh is available in several sizes, so called sets, which depending on the needs can be cut, thus adjusting the mesh to the size of the joinery. Moreover, the mesh is available in two colours: grey and black, which allows to adjust it to the needs of the user. The MPH DUAL system is characterized by an extremely smooth movement, which makes its use very simple and does not require much effort. Two sizes of sliding profiles are available in the offer. In addition, the construction of the insect screen allows to stop it in any position. The advantage of this solution is also the low threshold, which facilitates smooth passage. The construction of the insect screen is made of extruded aluminium, which makes it durable and resistant to weather conditions, and in addition it can be varnished in any colour. The pleated insect screen MPH DUAL works with roller shutter systems and lift and slide balcony doors MB-77HS available in Aluprof's offer.



Your living room closer to nature

The insect screen construction is made of extruded aluminium, which guarantees its durability and strength

The possibility of separate tension control of each of the ropes controlling the insect screen, which guarantees its stable arrangement



System is available in the version as a two-wing variant with the possibility of making a corner insect screen without a post

The pleated mesh when closing arranges in a zigzag pattern and hides in the side profile, which guarantees considerable space savings

Ease of use

The MPH system is characterized by an extremely smooth movement, which makes its use very simple and does not require much effort. In addition, the construction of the insect screen allows to stop it in any position. The advantage of this solution is also the low threshold that does not hinder the passage of users.

Practical values

The construction of the insect screen is made of extruded aluminium, which makes it durable and resistant to weather conditions, and in addition it can be varnished in any colour. The pleated insect screen MPH DUAL works with roller shutter systems and lift and slide balcony doors MB-77HS available in Aluprof's offer.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

INSECT SCREEN SYSTEM **MPH VERTI**



The pleated insect screen system MPH HARMONY VERTI complements the offer of pleated insect screens and was designed primarily for installation on windows and roof windows. The use of special pleated mesh, which when closing arranges in a zigzag pattern and hides in the upper profile is a characteristic feature of this product. The main advantage of the new system is the possibility of tensioning each of the cords guiding the insect screen net, which allows for its precise and even layout. It is available in several sizes, so called sets, which, depending on the needs, can be cut symmetrically, thus adjusting the pleats to the size of the window. Closing and opening of the insect screen is very easy and smooth, thanks to the system of springs installed in the bottom profile. The tensioning elements have been aesthetically hidden under a special masking profile, which can be detached and clipped in at any time. The sliding profile of the insect screen, thanks to the designed recess, allows for convenient opening and closing. It is also possible to stop the insect screen at any time. The construction of the insect screen is made of extruded aluminium guaranteeing its durability, and is based to a large extent on components of the MPH HARMONY system. Maximum size of the new insect screen is 2300×2000 mm.



One of a kind



The construction of the insect screen is made of extruded aluminium which ensures its stability and resistance to weather conditions



The possibility of separate tension control of cords controlling the insect screen, which guarantees its stable arrangement



Specially designed recess in the sliding profile allows convenient opening and closing of the insect screen



The tensioning elements in the form of a system of springs have been aesthetically hidden under a special masking profile, which can be detached and clipped in at any time

Ease of use

The sliding profile of the insect screen, thanks to the designed recess, allows for convenient opening and closing. In addition, the system of springs makes it possible to operate the insect screen without effort. And thanks to its clever design, it is also possible to stop the insect screen at any time.

Practical values

The insect screen construction is made of extruded aluminium, which guarantees its durability and strength. The system was designed primarily for installation on windows and roof windows.

Colour chartss

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

ROLL-UP INSECT SCREEN MZH



The system MZH for roll-up insect screen is a modern and fully functional solution designed primarily for installation on roof windows. The construction is made of extruded aluminium and is mainly based on components of the system MZN. This solution enabled to use i.a. a bottom strip and channels that perfectly match a specially designed swing hook. With this innovative solution, it is now possible to block the bottom strip on the roof windows from the inside. In addition, the carefully formed hook shape enables to efficiently click-in and click-out the bottom strip, which makes the use of this fly screen straightforward and simple. What's more, the hook provides additional sealing to the bottom part of the fly screen, so there's no need for additional gaskets. Extremely versatile, MZH is also well suited for mounting on vertical windows. With the use of specially designed channels with offset, MZH-based insect screen can also be mounted on windows with outer sill that usually prevents the standard, direct installation to the window frame. This solution improves the access to the bottom strip and facilitates the fastening of the hook. MZH is a highly aesthetic solution that will fit in any interior whilst providing the perfect protection against the insects.



The perfect protection for your attic space



Small-size, semi-oval cassette of extruded aluminium.



Hook shape enables to efficiently click-in and click-out the bottom strip.



With this innovative solution, it is now possible to block the bottom strip on the roof windows from the inside.



The hook provides additional sealing to the bottom part of the insect screen.

Ease of use

MZH is a very aesthetic and smart solution, to be used on roof windows. Thanks to a specially designed hook, the screen can be opened and closed at any time.

Practical values

Structural elements of the screen are made of extruded aluminium, which ensures durability and resistance for many years of use. The screen is made of fibreglass and provides an easy maintenance.

Colour chartss

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

ROLL-UP INSECT SCREEN

MZN



The independent roll-up insect screen system is an excellent and extremely tight solution that secures interior spaces against insects and can be opened and closed at any time. Structural elements of the screen (box, rails, endslat) are made of extruded aluminium, which ensures durability and resistance for many years of use. A special clip helps to adjust the height of the mesh closure. In addition, it is possible to use a restrictor, allowing the gentle and noiseless closure of the endslat to the box. The system is very practical, especially that it uses, to the maximum extent, other insect screen system components that are offered by Aluprof. MZN is a very aesthetic and modern solution, which, thanks to its small box, fits perfectly in any recess and it will satisfy the needs of users who do not want to use a fixed mosquito screen. A novelty in the offer is an intuitive mechanism ALU-CLICK for convenient closing and opening of the insect screen, which makes its use very simple and does not require a lot of effort. When closing it is enough to gently close the bottom endslat of the insect screen. If you want to open it, press on the endslat, which opens automatically.



Can be opened and closed at any time



Small-size, semi-oval cassette of extruded aluminium.



Sealing gasket mounted at the top of the box.



Endslat of extruded aluminium with sealing gasket to the windowsill or window frame.



Channels of extruded aluminium with sealing gasket.

Ease of use

The roll-up insect screen is an excellent and extremely tight solution. It can be opened and closed at any time. The use of a restrictor allows for the gentle and noiseless closure of the endslat to the roller-box.

Practical values

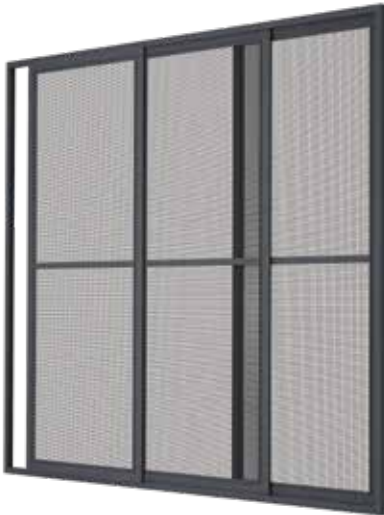
Structural elements of the screen are made of extruded aluminium, which ensures durability and resistance for many years of use. The excellent tightness of the insect screen is guaranteed by additional seals mounted at the top of the roller-box, at the endslat and on the channels.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

SLIDING FLY SCREEN

MRP



Sliding fly screen system protects the interiors against insects and are used in large glass balcony bays, terraces and verandas. Fly screen moves along the upper and lower running rail. In the bottom part of the screen there's a running roll that allows a smooth adjustment of the angle of each opening element. Additional reinforcement, mounted using snap-fits allows to fabricate larger size frames. Frame and rail profiles are made of strong extruded aluminium section of a modern design, covered with coating characterized by high resistance to abrasion and weathering. The shape of the main profile of the fly screen eliminates the need for additional holders. The frame and the openable element of the fly screen are installed using inside corners. The screen can be installed using triple system configuration. Thanks to the use of a low rails, this works perfectly with sliding doors with the so-called low-level threshold. There is also available a so called "suspended" version, where in the upper rail there is an adjustable roller with a mechanism enabling smooth adjustment of the tilt angle of each wing. Additional reinforcement makes it possible to manufacture larger wing frame.



Ease of use

Possibility of installation using triple system configuration.



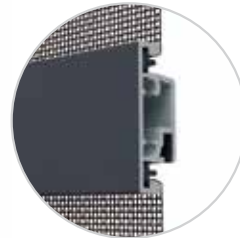
Moving the openable element: this allows to position and to protect openable element against falling.



The adjustable roller in the upper rail, enables smooth adjustment of the tilt angle of each wing.



The frame and the openable element of the insect screen are installed using inside corners, which are characterised by durability and quality.



Additional reinforcement of the insect screen is installed using snap-fit connection. This allows a quick and easy way to increase the surface area of the casement.



Each openable element is additionally sealed with brush seals.



The solution with a low rail makes this product work perfectly with sliding doors with the so-called low-level threshold.

Ease of use

Sliding fly screen is mounted directly to the door frame or to the jamb. Wide selection of running rails allows the installation of various types of fly screen on all types of windows and doors with guaranteed collision-free compatibility with external roller shutters.

Practical values

Intelligent design and carefully selected materials provide effective protection against insects while maintaining the access of light and air. Each openable element is additionally sealed with brush seals. The system also uses a brake to slow down the movement and a bumper, which restrict the movement of the openable element in its extreme position.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

HINGED FLY SCREEN

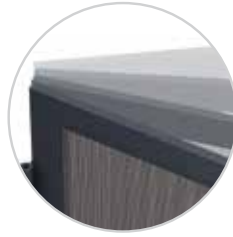
MRO



The hinged fly screen system protects the interiors against insects and is perfectly compatible with balcony doors. Its rounded, modern frame profile shape is a perfect match with window frames available on the market. The frame of the mosquito net is connected, by means of internal aluminium corners, which significantly stiffens the whole structure. You can also choose the way the profiles are connected with the corners (crimping press or grub screws). Additional reinforcement with joining profile allows to fabricate larger-size frames. In addition, a brush seal is added around the perimeter of the frame, this for additional sealing.



Great aesthetics and high quality parts



The hinge with a self-closer is a simple spring tension adjustment with an Allen wrench. It is also possible to use a hinge on two planes. This solution is patent-protected.



Two opening variants available: "ergonomic" and "aesthetic" a handle or specially designed joining profile allow to open opening and close the mosquito net from both inner and outer part of the casement.



The insect screen is easy to install thanks to the use of inside corner with grub screws.



Two different heights of the cavity slab of in the lower part of the casement protect the screen from opening-induced damages.

Ease of use

The insect screen is mounted to the window frame or to the reveals using hinges, which have a patented, and very easy to use self-closer pre-stretch system. What's more, it is possible to mount the active mosquito net to an independent structure.

Practical values

Standard screens are equipped with an opening holder or magnets that maintain the screen in closed position. Alternatively, there is also a variant with a specially designed joining profile. Thanks to its modern shape, it acts as a handle allowing to open opening and close the mosquito net from both inner and outer part of the casement. A cavity slab is located in the lower part of the casement, and protects the screen from opening-induced damages.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

FIXED FRAME FLY SCREEN

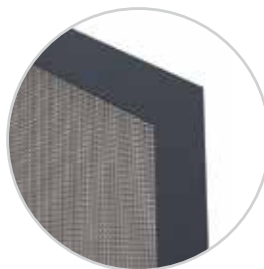
MRS



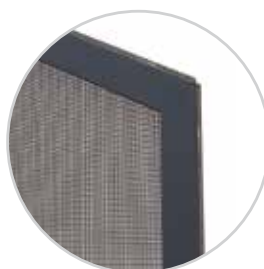
The fixed frame insect screen system MRS is a perfect protection against insects. The frame of the screen can be combined with aluminium inside corners, clamped or twisted. You can also choose between plastic outer corners, available in a wide range of colours. The system is compatible with most window profiles. We also offer an inside corner with adjustable angle. The mounting clips are available in five sizes. Profile frame is made of sturdy extruded aluminium profile of a modern shape, covered with powder paint. Profile comes in two versions: with "flipper", adhering to the window frame and without "flipper", with a pocket for a brush seal and used with completely built-up window frames. The MRS system offers a wide range of insect screen meshes, including anti-allergic mesh, which thanks to the special weaving structure keeps pollen outside, steel mesh, which is the ideal protection against rodents, durable aluminium mesh and mesh that ensures greater transparency in comparison to those used in the standard. A novelty in our offer is the MRSPZ insect screen for half-faced windows, where the external surface of the window sash is protruding beyond the plane of the seal adhesion giving a small space (to fix the fixed insect screen). The solution provides installation of an insect screen both in the version with an external and internal corner.



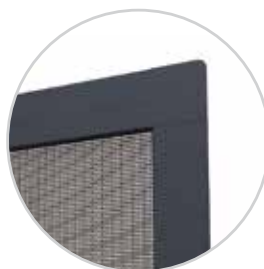
Durability and resistance for many years of use



Frame with inside corner with adjustable angle to allow fabrication of irregularly-shaped screens.



Frame with inside corner plus a containment for a brush in a variant with side sealing.



Frame with plastic outside corner.



Frame with plastic outside corner, variant with side sealing.

Ease of use

Fixed frame fly screen is mounted on the outer side of the window frame. By using non-invasive rotary hooks, fly screen can be quickly and easily attached and removed, while maintaining the full functionality of windows.

Practical values

Smart design and carefully selected materials provide effective protection against insects while maintaining the access of light and air.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

FIXED FRAME FLY SCREEN

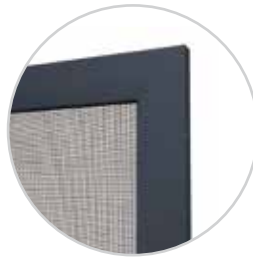
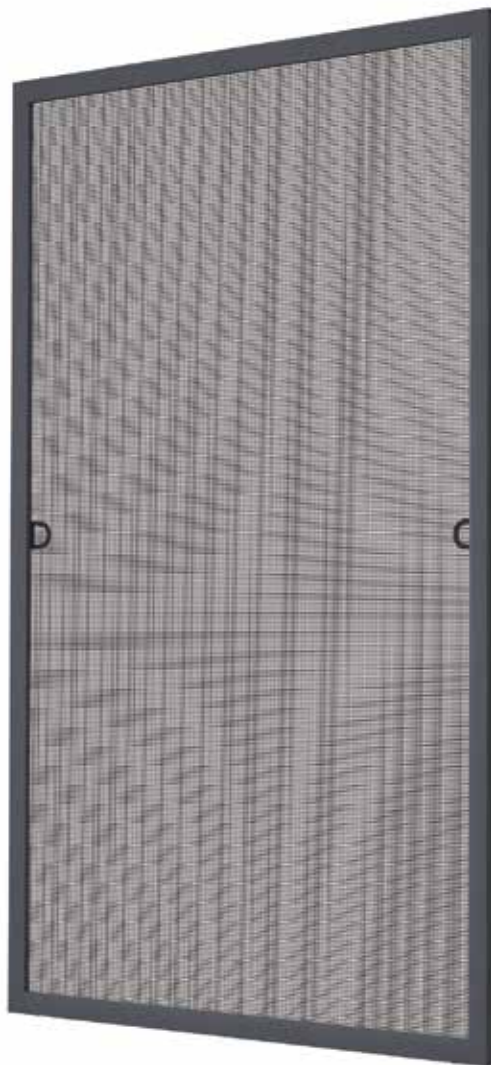
MRSZ



This product is a solution designed for use on flushed aluminium windows. The screens are highly aesthetic and are supplemented by high quality details. All of its components are made of extruded aluminium, which ensures resistance to weathering, and a reliable operation of the product for many years. The frame of the screen can be connected using aluminium inside corners (clamped or screwed), which makes it an aesthetic, colour-match to the window frame (it can be painted in any RAL colour). The use of fixed screen does not limit in any way the functionality of the window. The screen's hooks work with any window systems offered by Aluprof.



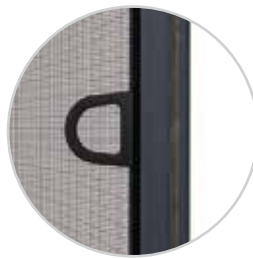
Easy assembly



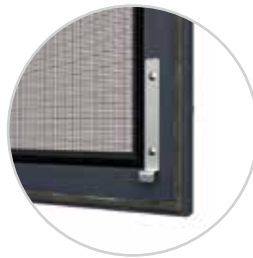
Frame with plastic inside corner (screwed or crimped).



The upper hook allows for easy setting of the screen in the upper part of the frame, which is also equipped with a brush seal that provides full sealing.



Mounting clip helps to easily and quickly set the screen in the windows frame.



The lower hook allows an easy setting of the screen in the bottom part of the frame.

Ease of use

The frame of the screen can be connected using aluminium inside corners (clamped or screwed), which makes it an aesthetic, colour-match to the window frame (it can be painted in any RAL colour). The use of fixed screen does not limit in any way the functionality of the window.

Practical values

Installation is made fast and easy thanks to the use of mounting clips. the screen's hooks work with any window systems offered by Aluprof.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using the following methods, depending on the Customer requirements: powder coating and Decoral.

DOORS THAT OPEN TO THE WORLD



There are many types of garage doors, rolling, sectional or up-and-over doors. The correct choice depends mainly on our requirements related to the product. If we want it to be motorised and occupy minimum space, we should choose a rolling garage door.

FUNCTIONALITY – Thanks to its versatility, rolling garage doors can be installed both in existing buildings and in new builds. Its particular advantage is that it saves space because the door opens vertically. This will be appreciated especially by those who do not have a large driveway or who park their car directly on the street. The Raised door curtain does not limit the visibility, which greatly affects the safety of the person driving the car.

EASE OF USE – Aluprof SA offers motorised garage doors. This type of door is not only convenient to use, but also safe. The use of electric drive allows to use the remote control mechanism. Radio control allows you to open and close the door using a remote control, without having to get out of the car. This will be particularly appreciated in the evening, in the rain and or in winter. The door is also equipped with a fall protection device. In addition, a number of safeguards can be used, such as photocell or closing edge safety device.

ADVANTAGES OF THE ROLL-UP GARAGE DOORS – the profiles of the roll-up garage doors can be divided into two types: profiles with foam and extruded profiles. The former are made of high quality aluminium sheets that have two-layer PU/PA paint coatings. Thanks to the coating, the product is highly resistant to abrasion and weathering. Extruded aluminium profiles are a durable and stable cover. They are offered in a wide range of colours and the coatings are made using powder coating technique, which increases their resistance. Another advantage of these modern doors is a rich palette of colours, thanks to which it is possible to select the product that match the colours of the façade.

INSTALLATION – Installation, adjustment and set up of the garage doors must be carried out by a qualified and experienced person, designated by the manufacturer. The product should be installed so as to provide easy access to its mechanisms, allowing for adjustments, maintenance or repair and all electric work should be undertaken by a qualified electrician.

ROLL-UP GARAGE DOOR **BGR**



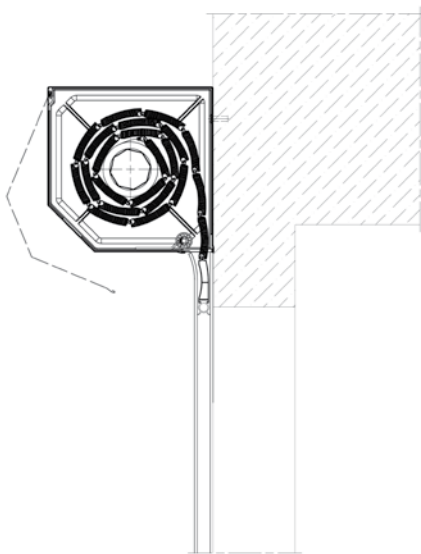
Roll-up garage door is a perfect solution both for new build-garages as well as for existing buildings. They constitute a security for construction openings, garages, storage and retail facilities against unauthorised access and weather conditions. Depending on the dimensions and building conditions, it is possible to install a garage door on the console and in the box. Door profiles are chiefly filled with foam, made of high quality aluminium sheet, having a two-layer PU/PA paint coatings. This coating is characterised by high resistance to abrasion and weathering. The extruded garage door profiles are very durable and resistant. They are also available in all colours from the RAL colour chart. It is also possible to cover the profiles with decorative film which greatly increases the visual comfort of the product and reduces "the abrasion problem".



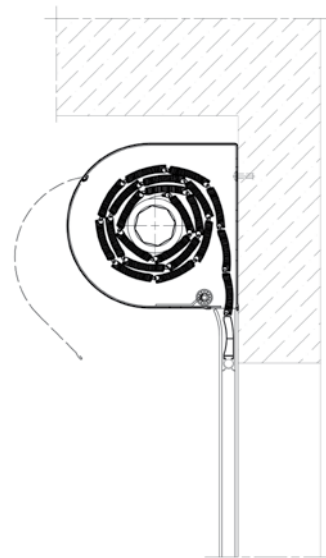
Saving space



EXAMPLES OF CONSTRUCTIONS



BGR/SK – garage door



BGR/SKO-P – gate

Ease of use

Space saving is another advantage of using rolling garage doors. Vertically open garage door is a good option when a driveway is short or starts right from the street. This significantly improves the safety of the driver, as the raised curtain of the door does not restrict visibility. The use of electric drive allows to use the remote control mechanism. Radio control allows you to open and close the door using a remote control, without having to get out of the car.

Security

In accordance with the applicable standards, garage door comes equipped with a fall protection device. It can also be equipped with protection against crushing when closing and a set of photocells. In case of power failure, the door can be opened using the emergency manual drive. Electromagnetic brake drive with blocking hangers, effectively thwarting any attempt to raise the curtain. Robust rails, of sufficient thickness, prevent the curtain from being torn out.

Colour chartss

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Colour coatings are made using powder coating.

Profiles PA 52 | PA 55 | PA 77 | PE 55 | PE 100

ROLL-UP INDUSTRIAL GATE

BPR



Industrial gates constitute an essential security for construction openings, industrial sheds, storage and retail facilities against unauthorised access and weather conditions. They are used as internal gates. Door curtain is made of PE 100 – extruded aluminium profile. The shape and thickness of its sides was designed in a way to make the curtain stable and resistant to mechanical actions. It is possible to use PER 100 glazing profiles in the door curtain. Profiles and rails are coated with powder painting in a wide range of RAL colours. The curtain is rolled up on a steel coiling tube mounted on consoles which are its supports and bearing. For gates that are installed close to the lintel, attention is to be drawn to the minimum height of the latter that is required for the installation.

Taking into account the type of console used, industrial door can be divided in two types:

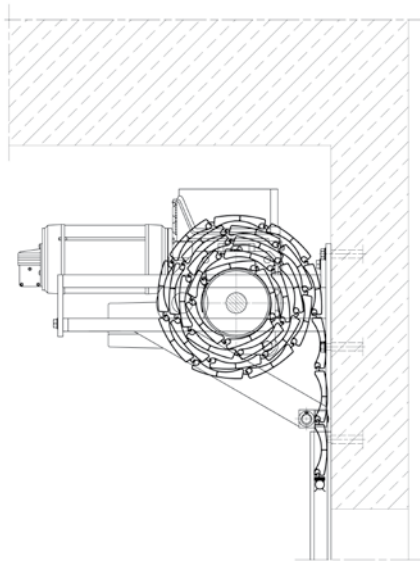
- mobile consoles: BPR/KNJ,
- fixed consoles: BPR/KNS.



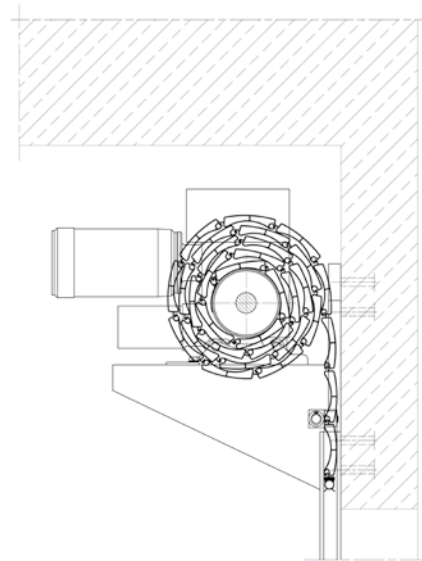
Durability for years



EXAMPLES OF CONSTRUCTIONS



BPR/KNJ – gate



BPR/KNS – gate

Ease of use

Industrial doors can be installed both in existing buildings and in newly constructed ones. The door is operated by the switch located inside the building. Depending on your needs, you can use radio control or other selected combinations of controls that enhance the ease of use of the product.

Security

In accordance with the applicable standards, industrial door comes equipped with the following types of protection devices: types of protection devices:

- emergency brake which protects from uncontrolled decent of the door curtain;
- contact safety sensor in the end slat which prevents from being crushed by the closing curtain;
- photocell system that responds to movements by the door and making the curtain stop or return;
- emergency manual operation allowing, in the event of power failure, to open or close the door
- with a chain.

Colour chartss

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using powder coating.

Profiles

PE 100

ROLL-UP GRILLE

BKR



The primary function of the grille is to protect commercial facility while presenting shop windows, ensuring a proper ventilation in the shopping malls and underground car parks. Additional profiles at the bottom of the grille constitute a barrier for garbage, dust or rodents. Grilles can be installed in new build-buldings as well as in already existing ones. Depending on the dimensions and building conditions, it is possible to install roll-up grilles:

- on consoles,
- in boxes.

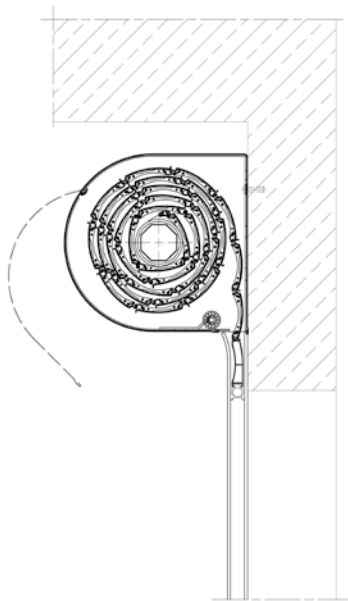
Grille curtain can be made of aluminium extruded grille profile (PEK 52, PEK 77, PEK 80 or PEK 100). Profiles and rails are coated with powder painting in a wide range of RAL colours.



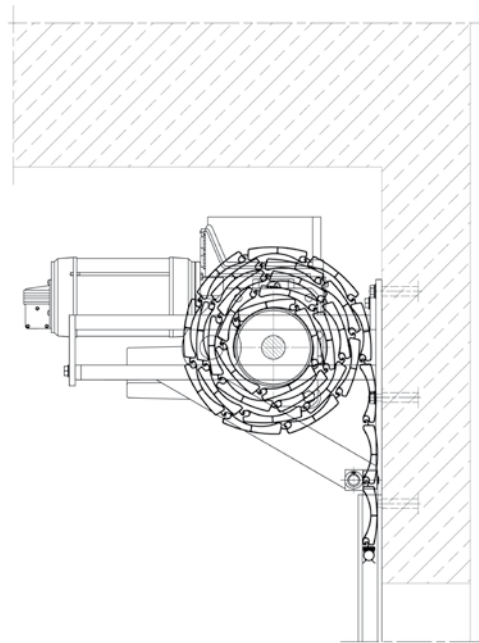
A perfect protection for commercial facilities



EXAMPLES OF CONSTRUCTIONS



grille – BKR/SKO-P



grille – BKR/KNJ

Ease of use

The grille is operated by the switch located inside or outside the facility. Depending on your needs, you can have a control system or a combination of controls that enhance the ease of use of the product.

Security

In accordance with the applicable standards, roll-up grille comes equipped with a fall protection device. It can also be equipped with protection against crushing or raising up or with a set of photocells. In case of power failure, the grille can be opened using the emergency manual drive. Electromagnetic brake drive with blocking hangers can effectively thwart any attempt to raise the grille.

Colour charts

Large selection of colours within the standard chart can meet the needs of the most demanding customers. Colour coatings are made using powder coating.

Profiles

PEK 52 | PEK 77 | PEK 80 | PEK 100

INDIVIDUAL CHARACTER OF EACH INTERIOR



Interior roller blinds are among the most popular shading solutions used not only in public utility buildings but also in private houses. Due to their practical nature they are becoming more common than traditional curtains or drapes.

The advantage of roller blinds is not only protection against intense sunlight, but also from the eyes of undesirable persons. Fabrics used in such products also guarantee effective optical barrier for light penetrating into the room. They eliminate reflections that can occur on computer screens or television sets.

These products are the perfect combination of functional and aesthetic values. Owing to well selected fabric they can also constitute a stylish addition that will give a unique character to any interior.

Roller blinds systems designed by Aluprof are characterized by simplicity and elegance. Design of systems and careful selection of details ensures a modern design of the shutters. On the other hand, well thought installation solutions allow for fast and non-invasive installation of systems.

TEXTILE SHUTTER SYSTEM

SPACE



Roller blind system SRT SPACE is a classic solution designed to shadow interiors of various purpose. An aesthetic shutter box made of extruded aluminium is equipped with an adaptive snap profile which allows its non-invasive installation and removal at any time. It is also possible to screw the side plate covers of the shutter box directly to the window surface using screws. Characteristic elements of the system are aluminium spatial guide channels in the shape of C-profile. They are glued to the surface of the window frame opening using double-sided foam tape, so as not to obstruct the window. The roller blind SRT SPACE is provided with the self-locking mechanism with chain, which allows to stop the shutter at any height. The proposed solution is also adapted to use “day&night” fabrics (SRT SPACE D&N), which due to their structure allow for easy adjustment of light access.



Elegance & Simplicity

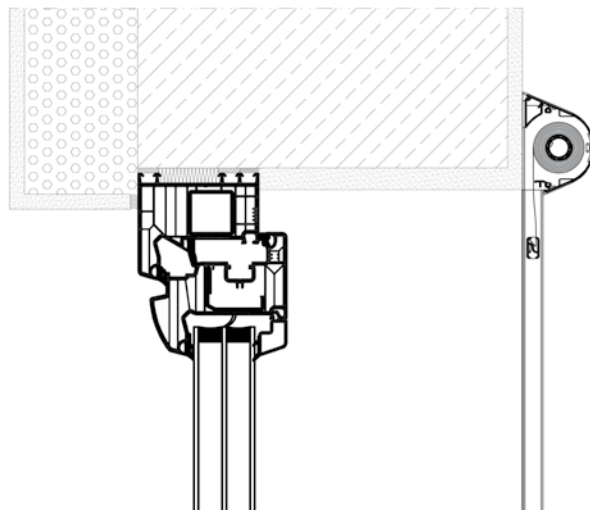
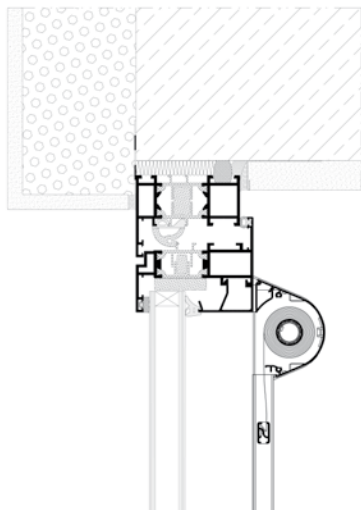


SRT SPACE



SRT SPACE D&N

EXAMPLES OF CONSTRUCTIONS



roller shutter – SRT SPACE

Ease of use

The roller blind SRT SPACE is provided with the self-locking mechanism with chain, which allows to stop the shutter at any height. Chain guide secures the loop against free sagging.

Practical values

The advantage of roller blinds is not only protection against intense sunlight, but also from the eyes of undesirable persons. Fabrics used in such products also guarantee effective optical barrier for light penetrating into the room. They eliminate reflections that can occur on computer screens or television sets. The proposed solution is also adapted to use "day&night" fabrics (SRT SPACE D&N), which due to their structure allow for easy adjustment of light access.

Colour charts

Available range of colors of structural elements of the roller blinds allow to fit perfectly to window frames, that may satisfy the needs of even the most demanding customers.

TEXTILE SHUTTER SYSTEM

FLAT



Roller blind system SRT FLAT is a modern solution, which can be installed in every interior and fulfils expectations of the most demanding users. A slim, streamlined shutter box made of extruded aluminium ensures the elegant design of the system. Its thoughtful design allows for a wider opening of windows with the shutter installed on the wing. Owing to the designed fin, the shutter box can be fixed using a special double-sided tape, or directly mounted to the window frame using screws. FLAT system is equipped with flat aluminium guide channels, which are glued directly to the glazing beads. Their shape fits perfectly to the window woodwork, making the construction of roller blind almost invisible. The roller blind is provided with the self-locking mechanism with chain, which allows to stop the shutter at any height. Its installation or possible replacement is very fast and simple. The system is also adapted to use "day&night" fabrics (SRT FLAT D&N), which like the façade blinds allow for easy adjustment of light access.



Perfect match

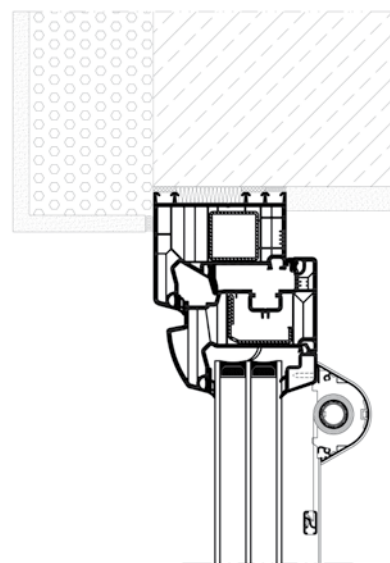
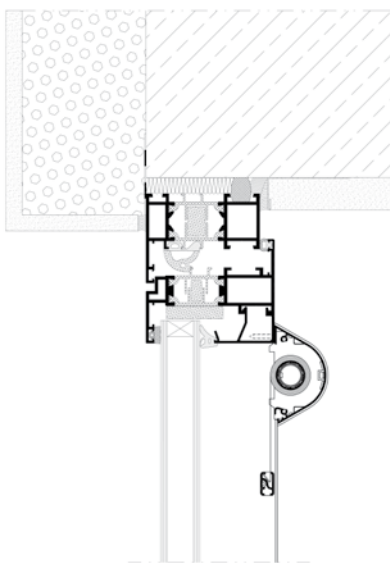


SRT FLAT



SRT FLAT D&N

EXAMPLES OF CONSTRUCTIONS



roller shutter – SRT FLAT

Ease of use

The roller blind is provided with the self-locking mechanism with chain, which allows to stop the shutter at any height. Its installation or possible replacement is very fast and simple. Chain guide (tensioning mechanism) minimizes the risk of dangerous loops.

Practical values

These products are the perfect combination of functional and aesthetic values. Owing to well selected fabric they can also constitute a stylish addition that will give a unique character to any interior. Roller blinds is not only protection against intense sunlight, but also from the eyes of undesirable persons. The system is also adapted to use "day&night" fabrics (SRT FLAT D&N), which like the façade blinds allow for easy adjustment of light access.

Colour charts

Available range of colors of structural elements of the roller blinds allow to fit perfectly to window frames, that may satisfy the needs of even the most demanding customers.

TEXTILE SHUTTER SYSTEM **FLAT MAXI**



The SRT FLAT MAXI textile roller blind system is an innovative solution designed to cover larger window areas and balcony doors. Certainly, this product will be perfect for modern interiors, where, in addition to its protective function, it will be a fashionable decorative element. The SRT SPACE shutter box was added to the construction of this solution, which was additionally equipped with a special masking profile that allowed to maintain the same shape of the shutter box as in the standard version FLAT. Thanks to the use of flat aluminium guide channels, it is possible to install the roller blind directly on the glazing bead, which makes the construction of the roller blind practically invisible. The product is provided with the self-locking mechanism with chain, which allows stopping the blind at any height. The SRT FLAT MAXI system is an innovative mechanism of strap adjustment for "day&night" fabrics. Thanks to this system, it is possible to adjust the convergence of the straps after closing the blind on the already installed application. This is certainly the perfect solution for all manufacturers who no longer need to worry about precise fabric trimming.



New comfort level

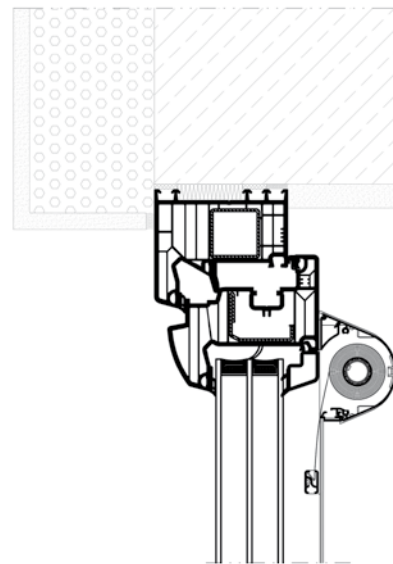
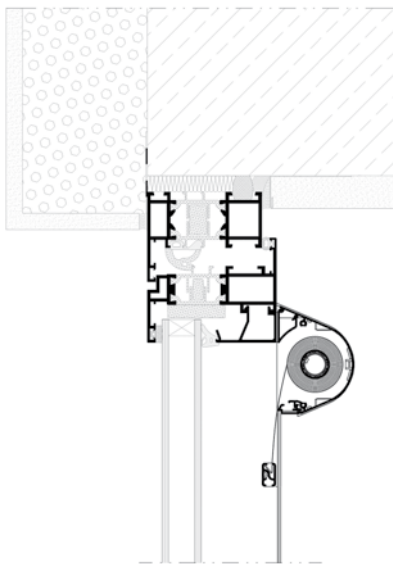


SRT FLAT MAXI



SRT FLAT MAXI D&N

EXAMPLES OF CONSTRUCTIONS



roller shutter – SRT FLAT MAXI

Ease of use The roller blind is controlled by a convenient chain mechanism.

Practical values Thanks to its well thought-out construction, the SRT FLAT MAXI roller blind is perfect for use on larger window constructions and balcony doors. This product allows the use of “day&night” fabrics, which allows for convenient regulation of light access to the room.

Colour charts Available range of colors of structural elements of the roller blinds allow to fit perfectly to window frames, that may satisfy the needs of even the most demanding customers.

TEXTILE SHUTTER SYSTEM

FREE



Roller blind system SRT FREE belongs to the family of the simplest and also the most commonly used means of shading. It is a shutter box free solution, designed to be directly installed on the window wing. Due to the specially designed non-invasive handles, installation of the system is extremely simple and does not require much effort. A characteristic feature of the roller blind in the FREE system is a line – guidance which, in contrast to this type of products available on the market is placed under the fabric. This aesthetic procedure allows to secure the line against catching while opening the window, which could cause its damage. The SRT FREE system features an innovative solution of line tensioning in the selflocking system. Durable and reliable design of this element allows for easy installation on a window wing. Self-locking mechanism with chain, used in the system allows to stop the shutter at any height. Its installation or possible replacement is very fast and simple. An option with “day&night” fabrics (SRT FLAT D&N), which enables adjustment of the incoming light to complete darkness.



Functionality and aesthetics

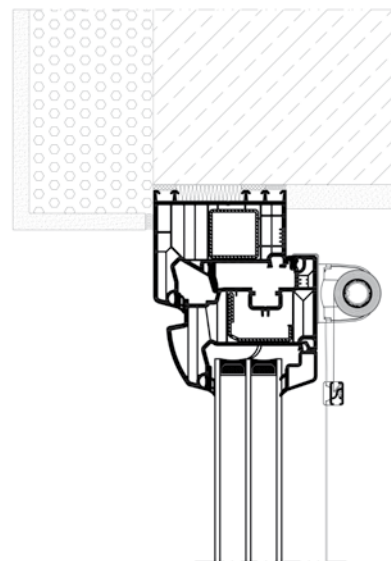
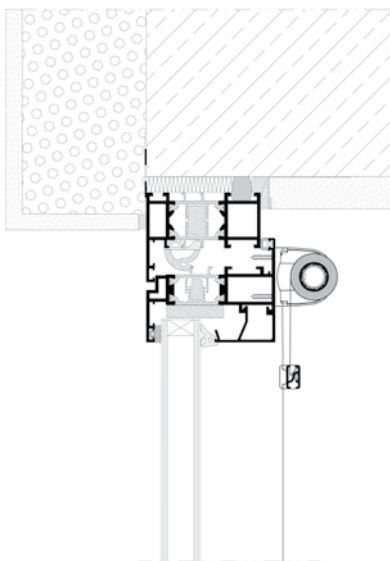


SRT FREE



SRT FREE D&N

EXAMPLES OF CONSTRUCTIONS



roller shutter – SRT FREE

Ease of use

Self-locking mechanism with chain, used in the system allows to stop the shutter at any height. Its installation or possible replacement is very fast and simple. Tensioning mechanism minimizes the risk of hazardous loops, which can cause harm to children.

Practical values

Simple and easy to install roller blinds provide adequate shading in the room. Due to the possibility of use of variety of fabrics, they ensure also the aesthetics look of each interior. An option with "day&night" fabrics (SRT FLAT D&N), which enables adjustment of the incoming light to complete darkness.

Colour charts

Available range of colors of structural elements of the roller blinds allow to fit perfectly to window frames, that may satisfy the needs of even the most demanding customers.

SMART CONTROL SYSTEM

Aluprof Smartcontrol



Aluprof Smartcontrol is an innovative solution from Aluprof, designed to provide comfort and safety for its users. Controlling your roller shutters is now easy and convenient thanks to Aluprof's state-of-the-art solutions and comfortable. This smart technology enables you to control your roller shutters from virtually anywhere and at any time of the day or night – to do so, you just need your PC, tablet or smartphone. Our free and very use friendly application with a comfortable and modern interface allows you to create and manage groups of devices such as roller shutters, gates, venetian blinds, awnings and now also lighting.



Your HOME is under control!



ROLLER SHUTTER CONTROLLERS

DM35R



DM35EV/Y



DM35S



or



Saving energy

In winter, when conditions are unfavourable, we can just close our roller shutters to protect the interior spaces against heat loss and, when the sun comes out, we simply let the sun's rays to penetrate into the room. And during hot summer days, we can prevent excessive heating of interior spaces, thereby reducing the consumption of air conditioning and creating a friendly ambience for home occupants – it's as simple as that. Besides that, due to the lightning management, we can turn off the unnecessarily used lamp remotely. Thus allow to avoid additional costs.

Reduce running costs of buildings

This intelligent control system reduces your energy bills both in winter and in summer – up to 30% per year. This solution may also contribute to decrease of power consumption and hence the costs of energy, while chronic forgetting to turn off the lights.

Protect your home

Auto programming allows you to operate your roller shutters or turn on the light at desired time, simulating the presence of family members, which often deters burglars.

Let the comfort surround you

The ability to group your shutters and to create "scripts" allows you to manage your product the way you like it. For example, the "WAKE UP" script starts your roller shutters at 7 am.

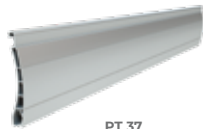
Feel safe

Connection encryption prevents third parties from accessing your user panel, making it impossible to control your devices without a password [security encryption at a bank level].

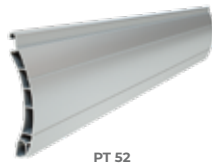
OPERATORS, SECURITY DEVICES AND ACCESSORIES

PHOTO	DESCRIPTION	SK, SKE	SKP	SKO	SKO-P	SP	SP-E	STYROTERM	OPOTERM	BGR	BPR	BKR
	Coilers (line/strip)	+	+	+	+	+	+	+	+			
	Flush-mounted strip coiler	+	+	+	+	+	+	+	+			
	Insulated flush-mounted strip coiler							+				
	Box with gear line/strip	+	+	+	+	+	+	+	+			
	Hand-cranks	+	+	+	+	+	+		+	+	+	+
	Springs	+	+	+	+	+	+					
	Electric actuators	+	+	+	+	+	+	+	+	+		+
	Basal drives									+	+	+
	Key-operated switch and rocker switch	+	+	+	+	+	+	+	+	+	+	+
	Time switch	+	+	+	+	+	+	+	+	+	+	+
	Remote controllers	+	+	+	+	+	+	+	+	+	+	+
	Control dashboards	+	+	+	+	+	+	+	+	+	+	+
	Blocking hangers	+	+	+	+	+	+		+	+		+
	Photocells									+	+	+
	Protection of the closing edge									+	+	+
	Smart control Aluprof Smartcontrol									+	+	+

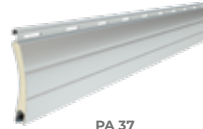
ROLLER SHUTTER, GATE & GRILLE PROFILES



PT 37
height: 37 mm
thickness: 8 mm



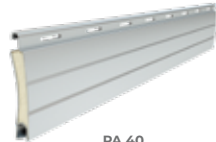
PT 52
height: 52 mm
thickness: 14 mm



PA 37
height: 37 mm
thickness: 8,5 mm



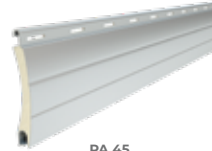
PA 39
height: 39 mm
thickness: 9 mm



PA 40
height: 40 mm
thickness: 8,7 mm



PA 43
height: 43 mm
thickness: 8,8 mm



PA 45
height: 45 mm
thickness: 9 mm



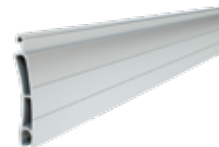
PA 52
height: 52 mm
thickness: 13 mm



PA 55
height: 55 mm
thickness: 14 mm



PA 77
height: 77 mm
thickness: 18,5 mm



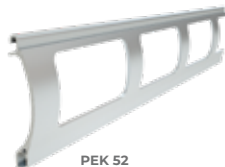
PE 41
height: 41 mm
thickness: 8,5 mm



PE 55
height: 55 mm
thickness: 14 mm



PE 100
height: 100 mm
thickness: 25 mm



PEK 52
height: 52 mm
thickness: 13 mm



PEKP 52
height: 52 mm
thickness: 13 mm



PEK 77
height: 77 mm
thickness: 18,5 mm



PEKP 77
height: 77 mm
thickness: 18,5 mm



PEK 80
height: 80 mm
thickness: 18,5 mm



PEKP 80
height: 80 mm
thickness: 18,5 mm



PEKO 80
height: 80 mm
thickness: 18,5 mm



PEK 100
height: 100 mm
thickness: 25 mm



PER 77
height: 77 mm
thickness: 18,5 mm

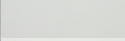
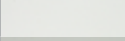
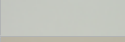
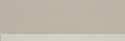
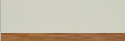







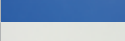
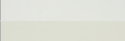









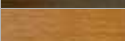
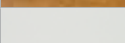


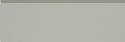


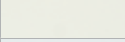
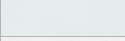
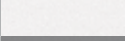



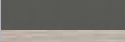






PEW 77
height: 77 mm
thickness: 14,5 mm



PER 100
height: 100 mm
thickness: 25 mm




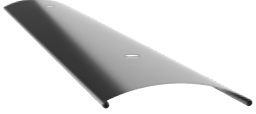

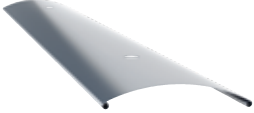





ALUPROF COLOUR COLLECTION

COLOUR	CODE	COLOUR	PA 37	PA 39	PA 40	PA 43	PA 45	PA 52	PA 55	PA 77
	x=01	silver	std	std	std	std	std	std	std	std
	x=02	white	std	std	std	std	std	std	std	std
	x=03	grey	std	std	std	std	std	std	std	std
	x=04	dark beige		std	std	std				
	x=05	beige	std	std	std	std	std	std	std	std
	x=06	wood-dark	ldr	ldr	ldr	ldr	ldr	ldr	ldr	ldr
	x=07	wood-light	ldr	ldr	ldr				ldr	
	x=08	dark brown	std	std	std	std	std	std	std	std
	x=09	brown	std	std	std	std	std	std	std	std
	x=11	yellow		ex*						
	x=12	red		ex*						ex*
	x=13	green	ex*	ex*				ex*		ex*
	x=14	blue								ex*
	x=15	cream white	std	std	std	std	std	std	std	ex*
	x=16	ivory		std	std	std	std		ex*	
	x=17	fir green	ex*	ex*	ex*				ex*	ex*
	x=18	steel blue	ex*	ex*	ex*				ex*	
	x=19	bordeau	ex*	ex*	ex*					
	x=20	black	ex*	ex*	ex*	ex*				ex*
	x=22	ultra white	std	std	std	std		std	std	std
	x=23	anthracite grey	std	std	std	std	std	std	std	std
	x=24	golden oak	ldr	ldr		ldr				ldr
	x=26	mahogany	ldr	ldr		ldr	ldr			
	x=28	nut	ldr	ldr		ldr	ldr	ldr		ldr
	x=30	golden oak	ldr	ldr		ldr	ldr	ldr	ldr	ldr
	x=31	light grey	std	std		std		std		
	x=33	basalt grey		ex*		ex*				
	x=34	quartz grey	std	std*	std*	std*	std	std	std*	
	x=35	concrete grey		ex*		ex*				
	x=36	wenge		ldr		ldr		ldr		
	x=37	grey aluminium		ex		ex		ex		
	x=38	frozen grey	std	std						
	x=39	satin grey	std	std				std		
	x=40	white, pearl mat	ex	ex				ex		
	x=43	anthracite grey, pearl mat		ex				ex		
	x=52	winchester		ldr		ldr	ldr	ldr		ex
	x=71	Chartwell green						ex		ex
	x=75	metallic grey		std				std		
	x=79	light oak		ldr						
	x=84	blue duck egg								ex
	x=229	slate gray								ex

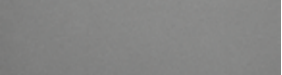
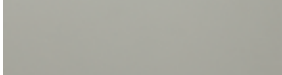


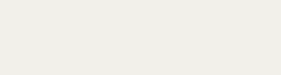
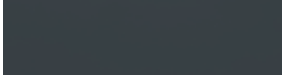
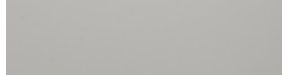




std – standard price, **ex** – extra price category, **ldr** – wooden colour category

* – colour on demand with extended delivery time

STANDARD COLOURS FOR VENETIAN BLIND SLATS C80 | Z90*

			
x = 01	x = 03B	x = 16B	x = 20B
silver	grey	ivory	black
RAL 9006	RAL 7038	RAL 1015	RAL 9005
			
x = 22B	x = 23B	x = 31B	x = 37B
ultra white	anthracite grey	light grey	grey aluminium
RAL 9016	RAL 7016	RAL 7035	RAL 9007
			
x = 73B	x = 74B	x = 75B	
mouse	copper brown	metallic grey	
RAL 7048	VSR 780	DB 703	

STANDARD COLOURS OF CONSTRUCTION ELEMENTS

			
x = 01	x = 03B	x = 16B	x = 20B
silver	grey	ivory	black
RAL 9006	RAL 7038	RAL 1015	RAL 9005
			
x = 22B	x = 23B	x = 31B	x = 37B
ultra white	anthracite grey	light grey	grey aluminium
RAL 9016	RAL 7016	RAL 7035	RAL 9007
			
x = 73B	x = 74B	x = 75B	
mouse	copper brown	metallic grey	
RAL 7048	VSR 780	DB 703	

The colours shown above are for illustrative purposes only, and the actual appearance may differ from the colour shown in photographs.
* In case of slats and boxes made of aluminium sheet this indicates colours closest to RAL Classic, VSR, DB and does not apply to products made of PVC



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ALUPROF

ALUMINIUM SYSTEMS

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