

PVC & ALUMINIUM WINDOWS





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CORPORATE VIDEO





SHOWROOM PRESENTATIONS





ADVERTISING VIDEO



Our company

PAGEN, which has been operating since 1998, is one of the leading Polish manufacturers of PVC and aluminium joinery systems. While manufacturing windows, entrance doors, terrace doors, roller shutters and garage doors we rely on strategic cooperation with well-known profile manufacturers, such as SCHÜCO and SALAMANDER in the PVC products segment and SCHÜCO, ALUPROF and PONZIO in the Aluminium.

The hardware is supplied by WINKHAUS, whereas low-emission glazing units are provided by EffectGlass S.A. Garage doors and roller shutters manufactured by PAGEN are equipped with Smart Home systems and also Somfy and Sommer drives.

Our PVC and Aluminium products are valued in Poland, Germany, Austria, Italy, the Netherlands, Belgium, France, Ireland, Great Britain and even in Canada, USA and Australia. The development of our own network of showrooms and international activity contributes to strengthening the position of the Polish window and door joinery industry, which is the export leader in Europe.





























old gold F4









winchester



golden oak









dark brown



anthracite satin



anthracite 7016



VIDEO - Exclusive Line





Exclusive Line

• The Schüco LivIng PVC-U system is an innovative 7-chamber system that can be made as a twin system with a rebate and center gasket in combination with which the system achieves the passive house standard according to ift Rosenheim as well as excellent thermal insulation properties and narrow face widths.

CHOOSE YOUR OPTION

Security Feel secure!



Passive

The best thermal insulation



Elegant

Window fittings with concealed hinges



Steel reinforcement:

Strong and corrosion resistant \cdot galvanised steel enclosed in a frame.



Triple sealing system, including EPDM heat seal.

Perfect insulation:

Product dedicated to Passive houses. Energy saving and reduction of Co2 emission.

Profile:

7-chamber 82mm profile which meets the requirements of the ift institute for passive construction. Environmentally friendly material.

Classic

- There is also available a traditional window shape based on proven solutions. It provides excellent thermal insulation and greater static properties allowing for the construction of large glazed surfaces and unusual shapes.
- 5 chambers
- 70 mm profile
- 2 gaskets
- double glazing package



^{*}Thermal transmiance depends on the glazing package (with standard package its 0.5 W/m²K)





PVC 82 mm

Premium Line 82 adds a whole new dimension to the concept of energy conservation. The use of a center gasket in the frame further improves the thermal and acoustic properties of your windows. The sophisticated sealing system provides reliable protection against the effects of the weather and makes your home comfortable at any time of the year.

Premium Line Arte

• 6 chambers • 82 mm profile



Premium Line MD

- 6 chambers
- 82 mm profile
- 3 gaskets
- triple glazing package $(0.5 \text{ W/m}^2 \text{ K})$



PVC 73 mm

73 window system will satisfy all your needs for stylish and sophisticated window design. The high-density surfaces not only make the profile particularly easy to clean but also guarantee an extremely long service life. The profile system prevents thermal bridges and significantly reduces energy costs. Intelligent profile design with large steel reinforcements ensures excellent stability and reliable functionality of PVC windows.

Comfort Arte

- 5 chambers
- 73 mm profile



Comfort

- 5 chambers
- 73 mm profile
- 2 gaskets





82mm/73mm

• Aluminum profiles can be delivered as ready frames for assembly. We offer frames with welded corners (the connection between the of the profiles is not visible), and with punched corners. Aluminum frames form an independent construction from the PVC window. They are mounted with system clip holders at the end after glazing. This guarantees that the two materials (PVC and aluminum) can work independently of each other when the temperature changes.



Available constructions:

- Tilt and turn windows
- Parallel slide and tilt window (PSK)
- Fixed glazing window
- Transom
- Construction glazing beads
- Balcony doors
- Door opening outwards
- Door opening inwards

Features of the system

Welded joints of the aluminum frame

Stamped joints of aluminum frames



	Eco Eco Arte	Comfort Comfort Arte	Classic	Premium Line Premium Line Arte	Exclusive Line
PROFILE					
Number of chambers in the frame. Higher number of chambers provides better thermal insulation.	5	5	5	6	7
Frame width Greater profile thickness allows increasing the number of chambers.	73 mm	73 mm	70 mm	82 mm	82 mm
Perimeter gaskets Higher number of gaskets improves window tightness.	2	2	2	3	3
Steel reinforcement Provides shape stability.	Steel in sash and frame	Steel in sash and frame	Steel in sash and frame	Steel in sash and frame	Steel in sash and frame
Profile class The better class, the greater thickness of the profile walls.	В	А	EuroLine	A / B	EuroLine
HANDLE					
Handle type increases the security of householders Colors - white, black, brown, F4 gold, F1 silver, F9 titanium	aluminium secustic	aluminium secustic	aluminium akustik	aluminium secustic	aluminium akustik
STANDARD GLAZING PACKAGE UNIT					
Glass unit	2-glazing package unit 4/16/4LE	2-glazing package unit 4/16/4LE	2-glazing package unit 4/16/4LE	3-glazing package unit 4LE/18/4/18/4LE	3-glazing package unit 4LE/18/4/18/4LE
Glass U-value Lower glass U-value provides better thermal insulation.	Ug=1,1 W/m²K	Ug=1,1 W/m ² K	Ug=1,1 W/m ² K	Ug=0,5 W/m²K	Ug=0,5 W/m²K
Argon filling Noble gas improves thermal insulation.	~	✓	~	~	~
SAFETY					
Number of octagonal bolts and anti-burglar latches in tilt and turn windows.	1	2	2	2	2
Number of octagonal bolts and anti-burglar latches in turn windows.	×	2	2	2	2
FUNCTIONALITY					
Microventilation Allow unsealing the window and improving the air exchange.	✓	×	×	×	×
Balcony door latch Hold the sash in the closed position without the use of a handle.	×	✓	✓	✓	~
Tilt regulation Enables the precise regulation of the window sash.	×	✓	✓	~	✓
Window strip with gasket Provides tightness between the windowsill and the window.	✓	✓	✓	~	~
Fitting groove filling Helps to keep the window clean.	×	✓	✓	~	✓



Fitting with secure ventilation function

In comparison to traditional tilt and turn fitting systems, the activPilot Comfort PADK has an additional function of parallel positioning of the sash to the frame. In this position, a gap of 6 mm is created between the sash and the frame, which allows natural ventilation when the window is securely locked.



Concealed hinges - Select

The ActivPilot Select tilt and turn fitting is discreetly concealed in the window rebate. In addition to its esthetic qualities, the fitting has exceptional technical parameters - load capacity up to 150kg. Its modular design makes it very assembly-friendly. It also easily adapts to individual customer requirements.



Graduated tilt

Convenient function enabling the sash to be placed in several positions from minimum opening to tilt. It allows adjusting the intensity of ventilation depending on the needs and temperature outside.





ExlusiveSlide

• The LivingSlide sliding door is an investment that provides long-lasting energy efficiency and comfort benefits, regardless of season or weather conditions, while providing low levels of exterior sound transmission. With the latest lift and slide system, special attention has been paid to the security of all structural components, so LivingSlide meets the stringent requirements for highly energy-efficient homes. Doors with glazing Ug=0,6Wf(m K) can achieve excellent heat transfer coefficient, even up to Uw=0,8W/fm K), which is better than the one that will be required from 2021! Sash with a depth of 82 mm, multi-chamber profiles, thermally insulated sill and innovative EPDM weldable gaskets provide the best protection against the cold but also against condensation, even in the corners. The materials from which the profiles and gaskets are made retain their properties for decades.

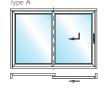


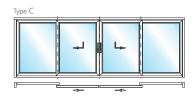


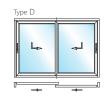
Thermally broken threshold: Eliminates the risk of a "cold area" in the floor level.

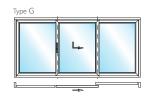
The advantages at a glance

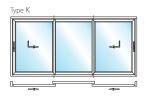
- Excellent thermal insulation up to passive house suitability
- Almost noiseless sliding and childishly simple to operate
- Absolutely barrier-free transition to the outside
- Very large variety of designs













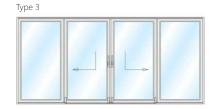
duoPort SK-Z

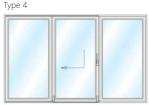
• Large format window elements are characteristic of modern architecture. They let in plenty of natural daylight, provide expansive views and allow rooms to "breathe". However, the technical possibilities have been limited for a long time: sash doors require a lot of space on the inside when opened and sliding doors cannot be tilted to provide ventilation. The perfect solution: duoPort SK, the slide-tilt system from Winkhaus. Whichever model of SK duoPort you decide on, you will benefit from state-of-the-art technology whose advantages are reflected in its many functions and ease of operation. Depending on the version, the load capacity is between 100 kg and 200 kg sash weight. The duoPort fitting system is extremely versatile thanks to its 125 mm opening width and 35 mm free frame dimension (i.e. the gap between the floor and bottom edge of the sash). Large rollers and optimum gliding properties ensure that even heavy glass elements glide gently and effortlessly. The bogie height can be easily adjusted. The system is assembled quickly, easily and safely in all stages of the assembly process. DuoPort SK tilt and slide fitting is available in two different technical versions. In the case of duoPort SK-S, users open and close the balcony door manually using a secure, smooth-running system. The duoPort SK-Z design provides additional convenience - opening and closingis made easier by the handle control system and the automatic tilt and latch function.

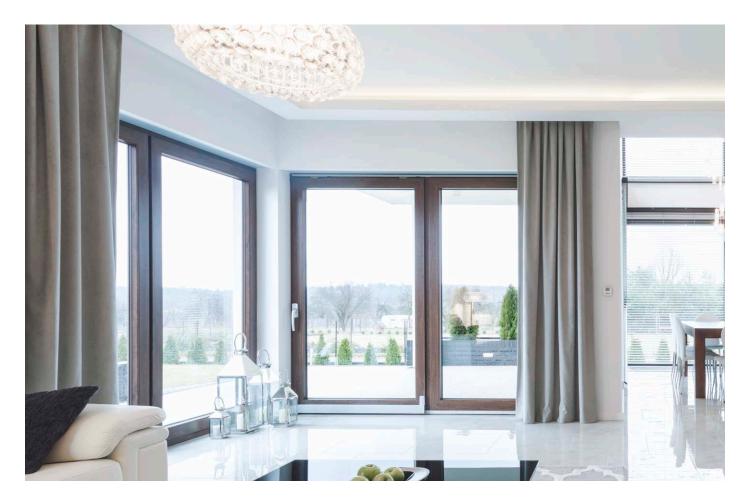














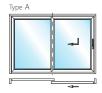
ExclusiveSlide

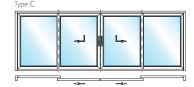
• Light streams into your home through large window units - including the evolutionDrive lift and slide door that brings the interior to life. The door's design provides optimum stability and allows large glazing and large opening units in various operating options. The system solution owes its effective thermal insulation to optimised sealing levels, especially in the middle area of the sash, which prevent the cold from entering inside. In addition to the high level of functionality, the lift and slide doors are distinguished by an innovative, patent-pending solution for better anti-burglar resistance. The security mechanism works regardless of the fitting used and also allows the use of thresholds with flat slide rails, especially renovation thresholds. This means that all future requirements can also be met in terms of accessibility, without compromising burglary resistance.

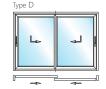


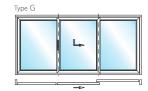
Features:

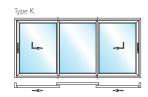
- Frame construction depth: 194 mm
- Sash construction depth: 82 mm
- Total length of the construction up to 6m
- Triple glazing unit up to 52mm
- Composite aluminium threshold
- Gasket seal on mullion
- Galvanised steel reinforcement













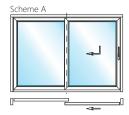


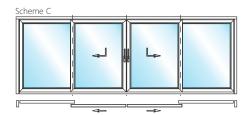
evolutionDrive Plus+

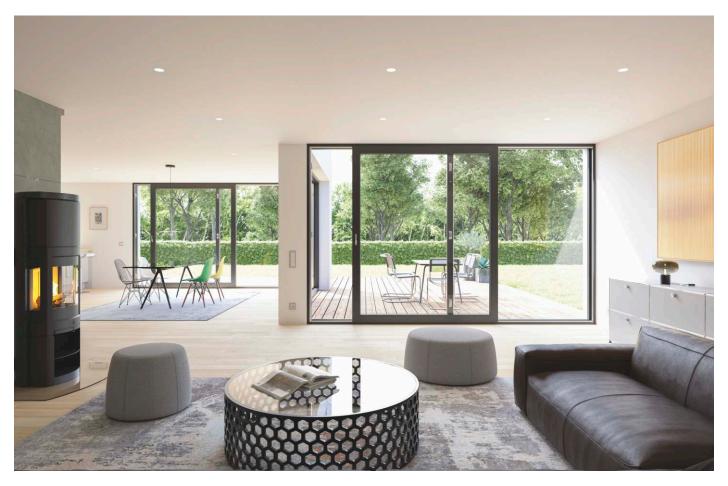
• The new evolutionDrive Plus+ parallel sliding system from Salamander impresses with its space-saving sliding and ventilation convenience as well as its room-opening effect thanks to generous glass surfaces. Once again, Salamander presents itself as an innovator in the field of window and door solutions. In all its developments, the company always keeps an eye on the experience, design, comfort and sustainability of its products in order to achieve the best possible result for its customers and the future of the window.

The most important values at a glance:

- Thermal insulation UW up to 0.71 W/(m²K)
- Ideal solution for applications where conventional lift and slide doors cannot be installed due to weight restrictions.
- For patio or balcony doors.
- Functional and design element inspired by modern architecture.
- For windows and doors where sliding is preferred for space reasons.
- Ideal for kitchen windows or large French windows where the sashes are pushed to the side.
- Easier room ventilation, e.g., when used in the kitchen or bathroom.
- The solution for small rooms.
- Additional living space is created with sliding solutions.
- Highly effective sealing system for expose areas such as high-rise buildings.











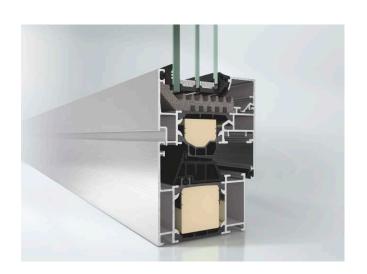


AWS 90.SI+



• Schüco AWS 90. SI+ (Super Insulation) aluminium windows offer excellent thermal insulation to passive house standard. Unique thermal insulation: Heat transfer coefficient for the frame Uf = 0.71 W / (m²K). Burglar resistance up to class RC 3. 99 mm minimum profile front width. The Schüco AWS 90.SI+ (Super Insulated) window system provides the ideal combination of maximum architectural design freedom - together with optimised thermal insulation and passive house certification - with the requirements of building physics.

AWS 75.SI+



• The optimised Schüco AWS 75.SI+ (Super Insulation) standard window system for the 75 mm basic depth is part of the Schüco AWS system platform and forms the basis for a range of applications in energy-efficient building envelopes. Depending on the architectural requirements, the highly thermally insulated aluminium system can be used as a punched opening, ribbon window, facade insert unit or in combination with Schüco door systems. An additional benefit is the wide range of opening types such as tilt/slide vents, bottom-hung toplights or horizontal and vertical pivot vents.



AWS 60



- The Schüco AWS 60 inward and outward opening aluminium window system, with its wealth of Schüco solutions, is designed primarily for international markets. Its advantages include good thermal insulation properties, small installation depth and narrow profiles in the external view.
- Window systems with an installation depth of 60 mm.
- Schüco AWS 60 windows, also in the High Insulation (HI) version, impress with optimal values of the heat transfer coefficient, Uffrom 1.27 W/(m K) thanks to the chambered centre seal.



ASE 80 HI/ASE 60 HI

The latest generation of highly thermally insulated sliding and lift-and-slide systems.

Barrier-free, very easy to use and a slimline appearance – the high-insulation Schüco ASE 80.HI (High Insulated) sliding and lift-and-slide system offers elegant design solutions for sustainable, user-oriented architecture to passive house level.

The modular and scalable aluminium profile system captivates with the reduced DesignLine interlock section of the vents, which allows the frame units to visually recede into the background. The level threshold allows the inside and outside areas to transition into one another harmoniously and without barriers. Concealed fittings components reinforce the puristic and high-quality design, even when open.

A further benefit of the new generation of sliding and lift-and-slide systems is its high flexibility in terms of configuration to suit any user. Options such as the Schüco SmartStop and Schüco SmartClose security and comfort technology ensure the best handling possible.

Features that influence the functionality and esthetic of constructions made with Schüco ASE 80.HI:

- Modularity and a variety of possible opening types including a 90° corner guarantee design freedom and a high degree of flexibility.
- The narrow face widths of the vent frames create a slender appearance.
- DesignLine options with a level threshold and slimline interlock section offer a high degree of comfort and a modern design.
- A concealed fittings groove without visible technical components provides a clean and elegant look.
- Schüco SmartStop and SmartClose as optional fittings guarantee increased convenience and maximum safety when operating the vents.



ASE 80 HI



ASE 60 HI









MB-77HS



• MB-77HS lift and slide doors are the ideal solution for connecting indoor rooms or conservatories with an outdoor balcony, terrace or garden. They open smoothly and quietly creating the interior with a seamless connection to the garden. Additionally, thanks to its design and operation, MB-77HS is an excellent space-saving solution that does not encroach on the free space beyond the internal and external boundaries of the frame.



MB-59 Slide Galandage



• MB-59 Slide Galandage is based on the MB-59 Slide system solutions and has been designed for producing thermally insulated sliding doors that slide straight into the wall (once open, the door leaf is hidden in the wall). Installed that way, the door fully connects indoor and outdoor living spaces. MB-59 Slide Galandage's system profiles come in two options that offer different thermal insulation performances: ST and HI. The range of available profiles include 2- and 3-rail frames. Many glazing options allow for double and triple glazing units, including safety and sound insulation glass.





MB-SKYLINE TYPE R

The ALUPROF MB-SKYLINE TYPE R is a cutting-edge, large-scale, sliding door system which makes a feature of lightness and aesthetics. Slender profiles simultaneously provide both a contemporary look and a panoramic view of the surroundings.

The main features of the MB-SKYLINE TYPE R are the completely invisible profile of the door leaf, the slender mullion and the shallow frame, all of which will be appreciated at the very first glance. The leaves may be massive, but no great effort is required to slide them open and close and the mechanism that operates them is almost soundless. The maximum height for a structure based on the system is no less than four metres and, if the motor is fitted on the outside rather than being hidden, then the moving leaf can weigh as much as seven hundred kilos. This affords the possibility of designing spectacular glass walls. Doors created using the MB-SKYLINE TYPE R give a building an exceptional style and enhance the status of an entire development.

Functions and aesthetics:

- the door frame is built into the walls, floors and ceiling
- the leaf profiles are completely hidden in the upper and lower frames
- when the automatic drive unit option is selected, or the mullion features a locking mechanism, the leaf profiles remain not visible at the sides of the structure
- the width of the mullion where the leaves meet is 25 mm
- a convenient, shallow frame with a depth of 23 mm
- the maximum leaf weight is 500 kg for manually operated leaves and 700 kg for automatically operated
- glazing options range from 52 to 60 mm
- ullet the structural depth of the door profiles is 71 mm for the leaves and 190 mm for the frame
- the door leaves are made using state-of-the-art insulation material with high thermal parameters



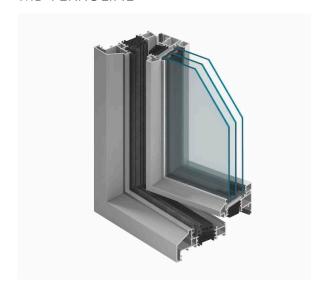


MB-45



• The structural depth of the window sections is 45 mm (frame), 54 mm (sash) and the door: 45 mm and 45 mm, respectively. Such assumed depths of the sash and frame give the effect of one surface on the external side after closing - in the case of the window, and the effect of adherence to the surface of the sash and frame in the case of the door. The shape of the profile allows slender and resistant window and door constructions to be obtained.

MB-FERROLINE



• Window system with thermal break MB-FERROLINE is perfectly suitable for renovation of historic buildings and helps to preserve the appropriate appearance of windows, which can imitate steel joinery, whilst ensuring very good technical performance of the construction. The system enables the fabrication of various types of highly resistant, inward opening windows (side-hung, hopper, tilt-and-turn windows), outward opening windows (side-hung and top hung windows) and fixed windows of an excellent water resistance, air tightness, and sound insulation performance.

MB-45 OFFICE



• The structural depth of profiles is 45 mm, which is identical to the depth of profiles of all the frames and studs of the MB-45 system. Both solutions are fully compatible, which allows to freely combine their profiles. The MB-45 OFFICE is based on a profiles, which after tightening the appropriate adaptive profiles can function as a window or door frame, a transom or a stud. The system is compatible with hinges, locks and automatic door closers manufactured by Aluprof, Gezeand WSS.

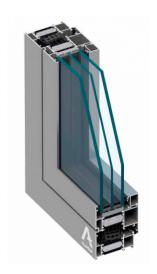
MB-SLIMLINE



• Highly insulated, the MB-Slimline window system with a thermal break is intended for making elements of external structures such as various types of windows with increased resistance to burglary (side windows, tilt and turn windows) and fixed windows with excellent water resistance, air tightness and sound insulation. Owing to the very small width of aluminium profiles visible from the external side of the structure, it is possible to manufacture sashes in two variants - with visible or invisible profile (SG) from the external side of the structure. In the case of using invisible sashes, the appearance of opening and fixed sashes is almost identical.



MB-86N



• The highly efficient MB-86N window and door system makes it possible to satisfy the diverse needs of users. There are two versions of the profiles, the ST and the SI, which are designed to meet different thermal energy efficiency requirements. The system provides superb performance parameters. Another advantage of the MB-86N is the high durability of the profiles, which make it possible to produce large-scale and heavy structures. Several versions are available. The MB-86US is a window with a concealed vent. The MB-86 Casement provides an outward-opening window with a thermal break.

MB-79N



• The MB-79N is a state-of-the art and economical addition to the Aluprof window & door systems. It has been designed to outperform typical thermal insulation requirements. The MB-79N series can be used to fabricate fixed, side-hung, hopper, tilt-and-turn, and hopper-and-slide windows, as well as single and double exterior doors, and storefront solutions complete with doors.





PE78N/PE78NHI doors



- An insulated aluminium profile system designed for the construction of very high thermal performance windows
- high thermal performance due to the multi-cavity 42 mm thermal break and bi-component central gasket
- large-dimension structures possible
- window sash flush with the frame on the outside
- profile bending available
- wide variety of possible constructions: turn-tilt, outward opening, concealed sash etc.

SL1600TTHI



- A variant of the SL1600tt lift-slide system, designed for the construction of high thermal performance aluminium joinery fulfilling the strictest requirements Characteristics:
- PLUS version: Uf frame heat transfer coefficient from 2.1 W/m2K
- HI version: Uf frame heat transfer coefficient from 1.8 W/m2K

PE68/PE68HI doors



- •An insulated, three-cavity profile system designed for the construction of doors.
- profiled 24 mm thermal breaks
- doors easily incorporated in window sets due to special modifier profiles
- door leafs flush with the frame
- large-dimension constructions possible
- wide variety of corner joint solutions
- profile bending available

SI1200tt



- An insulated aluminium profile system designed for the construction of external lift-slide joinery such as balcony and loggia enclosures.
- Characteristics:
- interconnected with other Ponzio systems
- low threshold solution available
- two- to four-rail frames



SK, SKE front mounted roller shutters



• SK, SKE and SKP system-based roller shutters are 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, Aluprof recommends to choose half-oval SKP boxes systems, as they perfectly match the external wall, or SK and SKE systems (version with extruded box) with its box cut at an angle of 45°.



SP, SP-E flush mounted roller shutters



• Flush-mounted systems are mainly designed for new buildings. However, once the necessary modifications to the lintel are made, these products can also be installed in existing buildings. It is important to plan the use of such solutions, this also applies to the installation method, as early as at the building design stage to allow for the effective use of the product's functional values. Flush-mounted systems bring excellent thermal insulation performance as they do not require any modifications to the existing windows, doors or lintels, and thus do not affect the building's energy use.

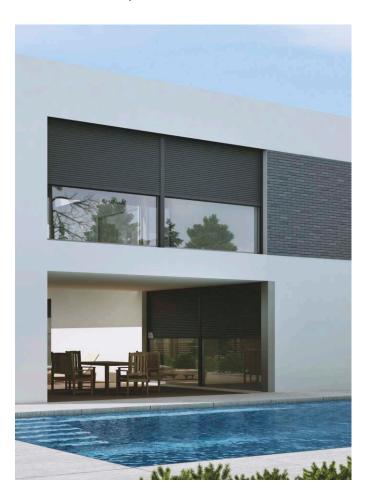




SKT opoterm



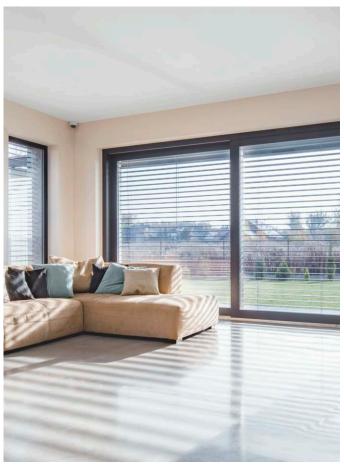
• Top-mounted roller shutters is a product addressed to those who are looking for functional solutions. OPOTERM SKT-based roller shutters are intended both for newly built and renovated buildings (windows replacement). This on-window mounted system has a box mounted directly on the window frame using an appropriate profile. These profiles are compatible with most window and door frame profiles (aluminium, wood and PVC). The boxes are made of high quality PVC components and are characterised by increased thermal insulation.



SKEF venetian blinds system



• SKEF venetian blinds system is designed for use in existing buildings. The advantage of these products is that they do not require any special pre-installation preparation or work on the existing structure, as they are not integrated with the window. As a result, the buyer can opt for front-mounted roller blinds at any time. These solutions can be mounted to the window joinery (in a recess) or directly on the wall. In the first case, the construction of the systems is made of extruded aluminium, which ensures its durability and resistance to abrasion and weather conditions.





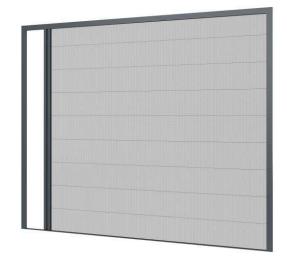
MPH Harmony - pleated mosquito net



The possibility of achieving large widths up to 4 m



The use of low threshold allows free passage of users





The mosquito net construction is made of extruded aluminium, which guarantees its durability and strength



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

• Pleated mosquito net 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 mosquito net 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 mosquito net, 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 mosquito net 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 mosquito net Harmony has been designed to smoothly work with the Aluprof roller shutter systems with the guide channel PPMO 53





MRP - sliding mosquito net



Possibility of installation in a three-row system



The additional reinforcement of the mosquito net, sash is mounted by means of a snap-in connection. Thanks to this element, in a quick and easy way it is possible to increase the surface area of sash





The frame and sash of the mosquito net are assembled by means of internal corners, which are characterized by durability and aesthetics



The low rail solution works perfectly with sliding doors, where the so-called low threshold is used

• Sliding mosquito net system protects the interiors against insects and are used in large glass balcony bays, terraces and verandas. Mosquito net 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.





MRS - fixed mosquito net



•The fixed frame mosquito net system is a perfect protection against insects. The frame of the mosquito net 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.

MRO - hinged mosquito net





Self-closing hinge, simple adjustment of the spring tension by using an Allen key.



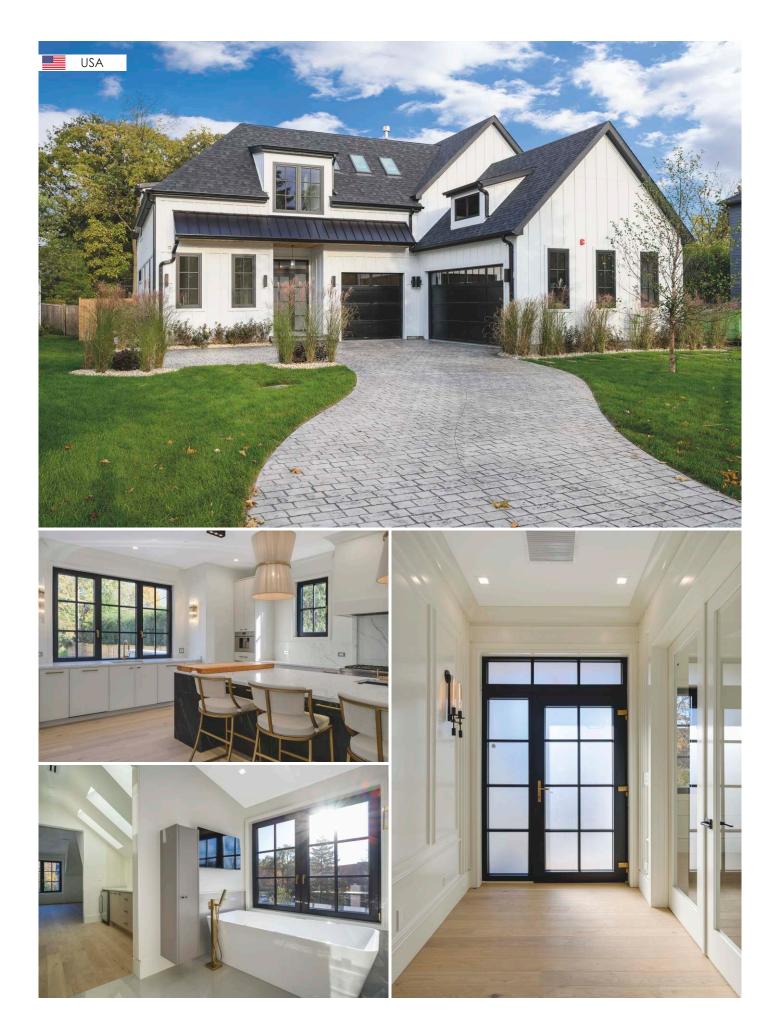
one with ergonomic handle and one with a specially profiled fitting.

•The hinged mosquito net system protects the interiors against insects and is perfectly compatible with balcony doors. The frame of the mosquito net can be combined with aluminium inside corners, clamped or twisted using grub screw. Additional reinforcement, mounted using snap-fits allows to fabricate larger size leaves. Profile frame is made of sturdy extruded aluminium profile of a modern shape, covered with powder paint which fits perfectly with currently used frame door systems.

























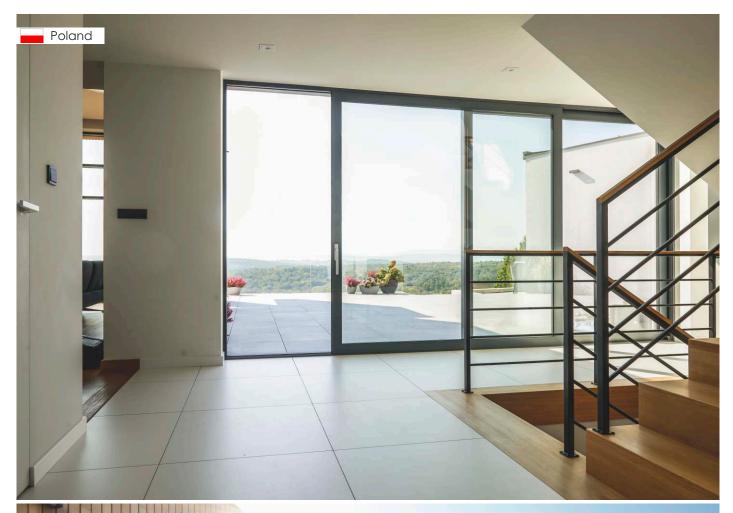






























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