

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



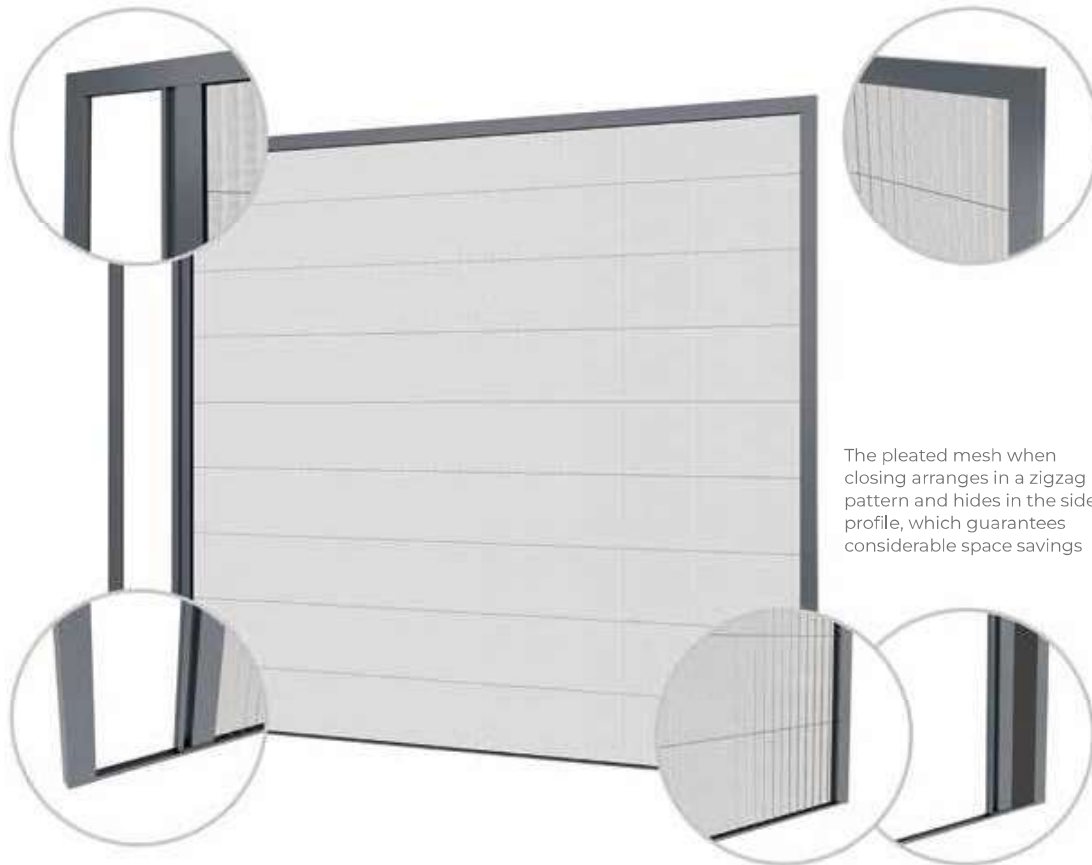
Pleated insect screen system MPH is a solution primarily designed with the aim of providing space savings. This product is ideal for installation on the patio doors and balcony niches, where the width reaches up to 4m. The use of special pleated mesh, which when closing arranges in a zigzag pattern and 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**



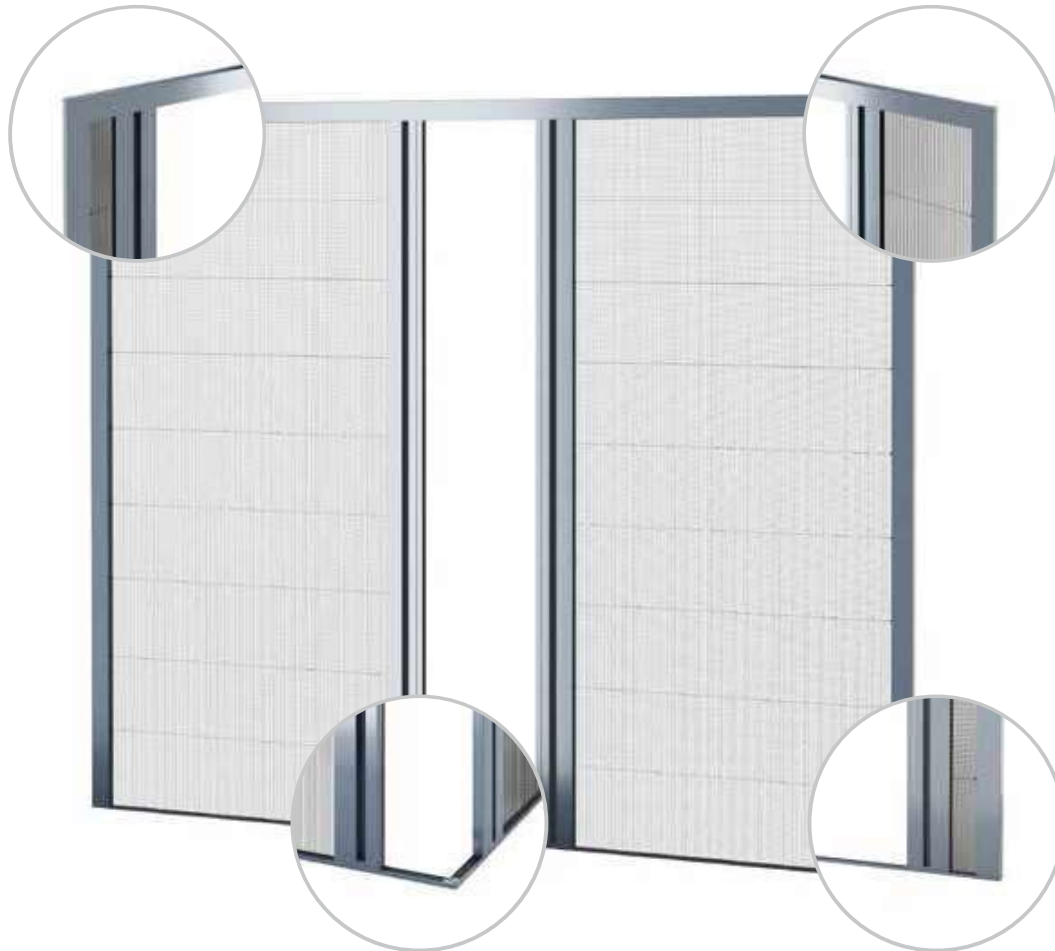
MPH DUAL is a pleated insect screen system, which belongs to the HARMONY family. The system has been designed as a two-wing variant with the possibility of making a corner insect screen without a post. Due to this solution, the product can be used on standard terrace doors, whose dimensions reach up 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

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ROLL-UP INSECT SCREEN

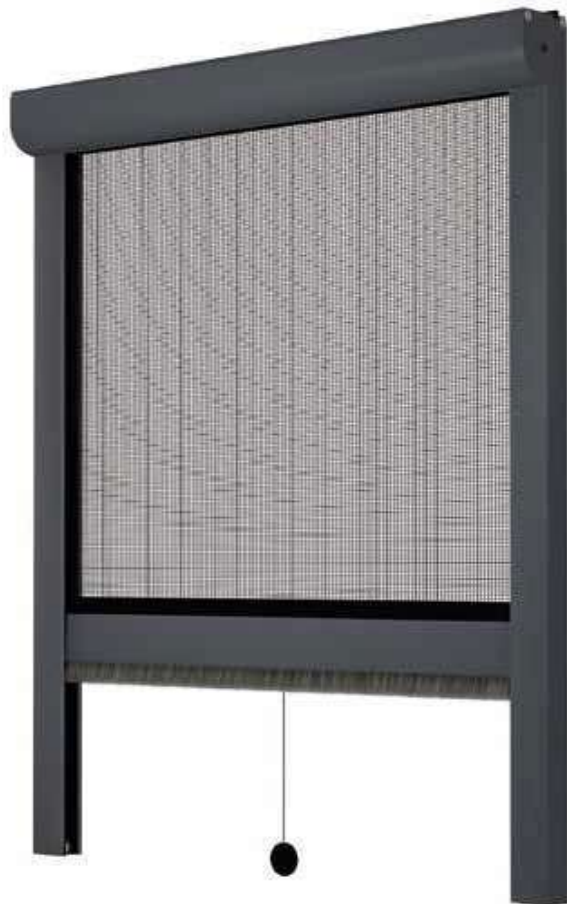
MZN



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

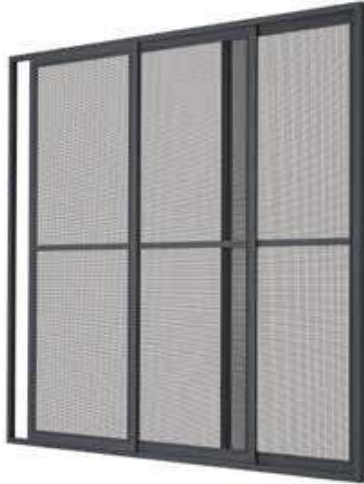
Structural elements of the screen are made of extruded aluminium, which ensures durability and resistance for many years of use. The excellent tightness of the insect screen is guaranteed by additional seals mounted at the top of the roller-box, at the endslat and on the channels.

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



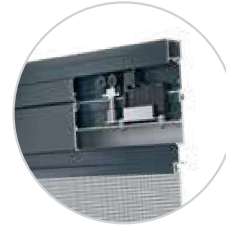
Sliding fly screen system protects the interiors against insects and are used in large glass balcony bays, terraces and verandas. Fly screen moves along the upper and lower running rail. In the bottom part of the screen there's a running roll that allows a smooth adjustment of the angle of each opening 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.

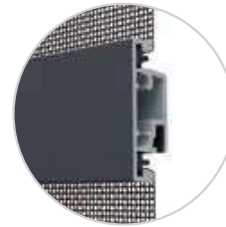
Moving the openable element: this allows to position and to protect openable element against falling.



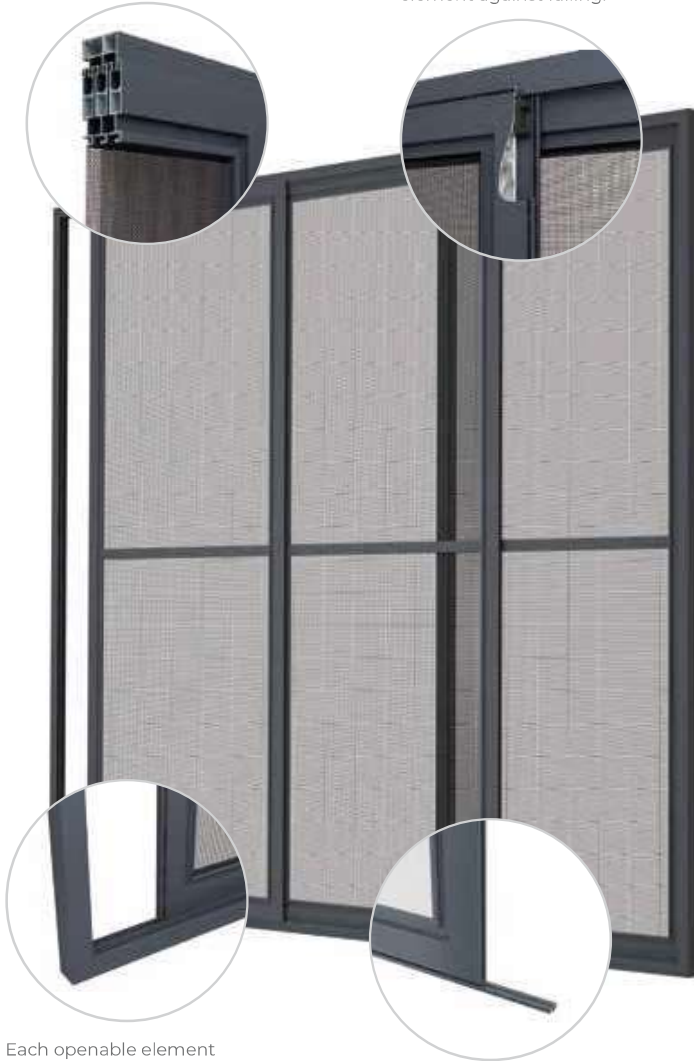
The adjustable roller in the upper rail, enables smooth adjustment of the tilt angle of each wing.



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

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FIXED FRAME FLY SCREEN

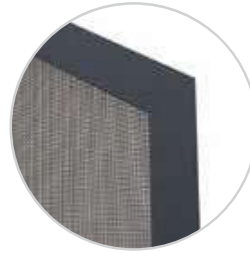
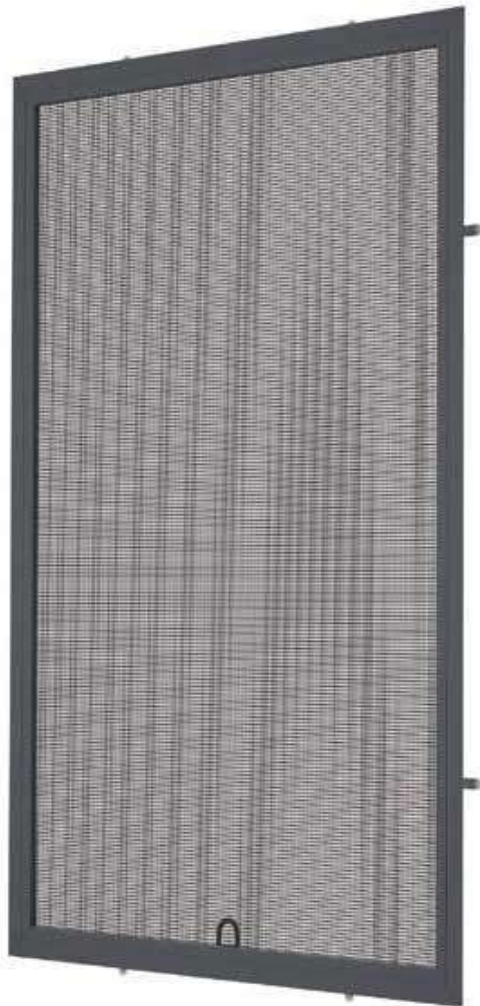
MRS



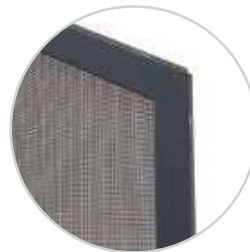
The fixed frame insect screen system MRS is a perfect protection against insects. The frame of the screen can be combined with aluminium inside corners, clamped or twisted. You can also choose between plastic outer corners, available in a wide range of colours. The system is compatible with most window 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

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FIXED FRAME FLY SCREEN

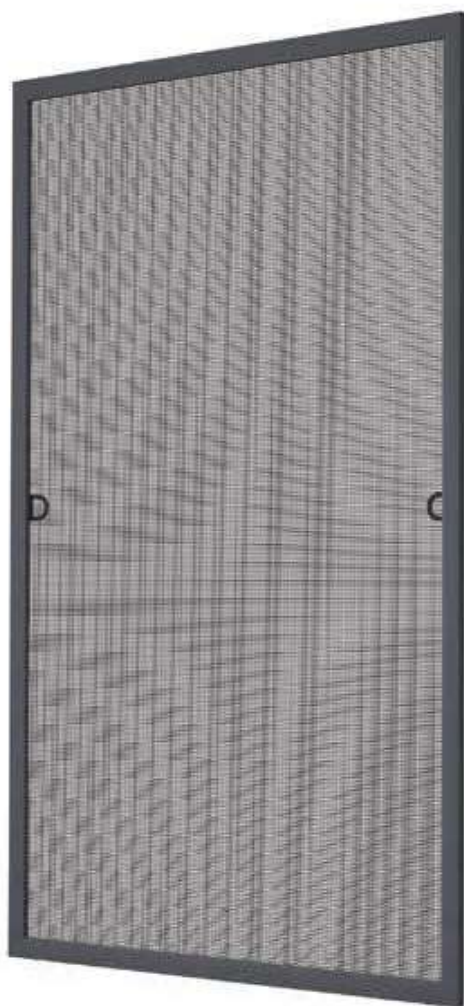
MRSZ



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.