



MZN | MRS | MRSZ | MRO | MRP

INSECT SCREEN SYSTEMS

■ Mosquito net is a perfect protection of the building against insects, bugs and pollution from the environment. This allows excellent access to daylight and unhindered air circulation.

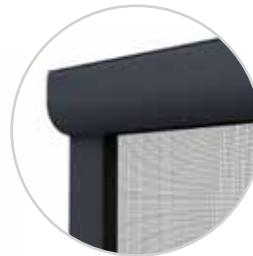
■ Structural elements of the mosquito net are made of extruded aluminium profiles, and offered in a wide range of colours. All profiles are covered with powder coating. Mosquito mesh is made of high quality fibreglass in black and grey. Highest quality materials used for the production make the product extremely resistant to adverse weather conditions.

■ Aluprof offers three insect screen systems: fixed, hinged and sliding, plus an insect screen that rolls-up "independently". Due to the fact that all the components are made independently, some details are common to all these systems.



INDEPENDENT ROLL-UP INSECT SCREEN SYSTEM

- The independent roll-up insect screen system is an excellent and extremely tight solution that secures interior spaces against insects with the possibility of closing and opening 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 adjust the height of the mesh closure.
- Installing the system to the lintel is very fast and simple, thanks to the aluminium catch, which is also painted in the colour of the box.
- 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.
- This is a very aesthetic and modern solution, which, thanks to its small box fits perfectly in any recess.



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 / window frame.



Channels of extruded aluminium with sealing gasket.

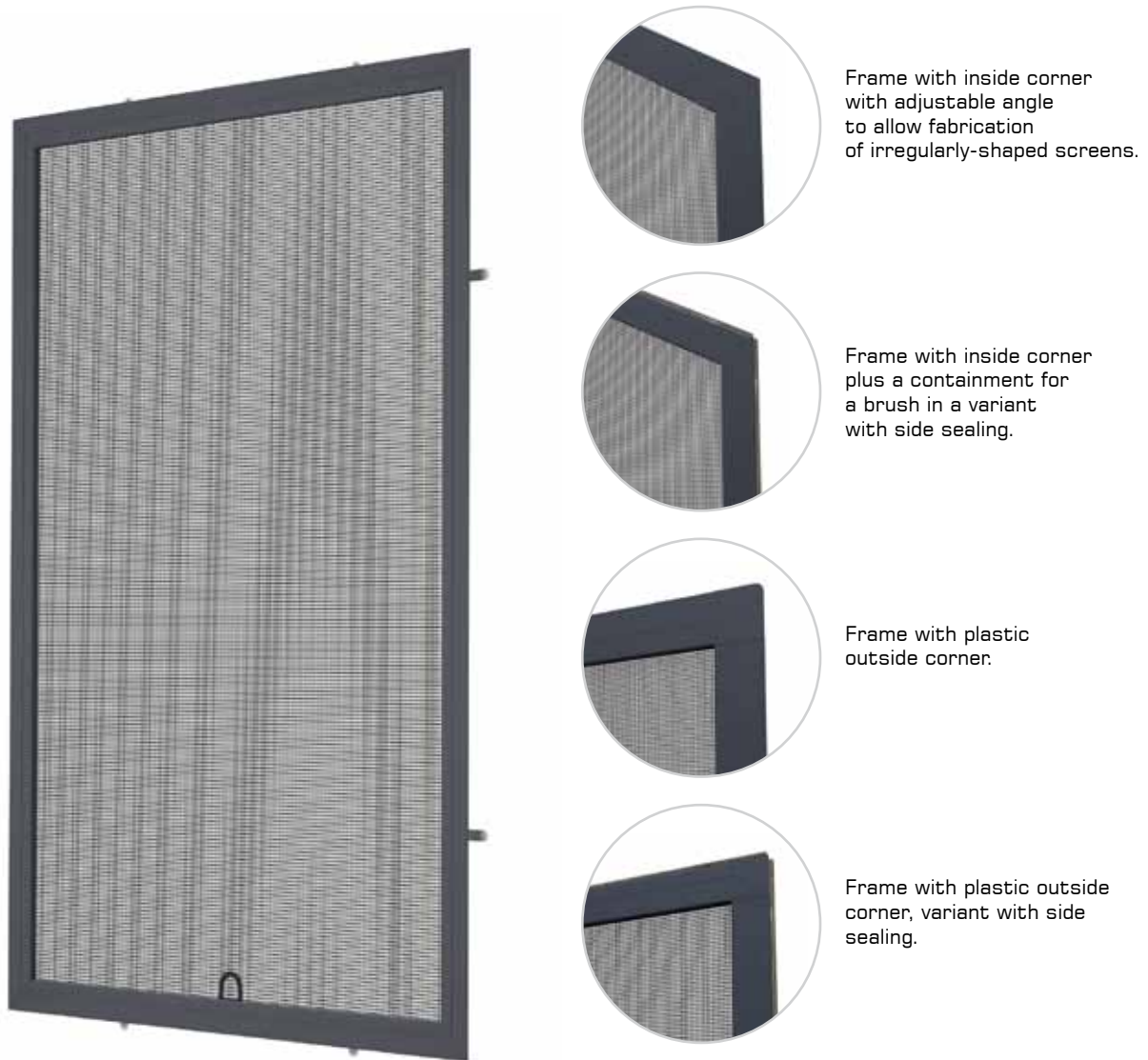
PROFILES COLOUR RANGE



Actual product colours may vary from colours shown. Colours availability depends on the type of element.

FIXED INSECT SCREEN SYSTEM

- The fixed insect screen system is a perfect protection for your windows.
- Profile frame is made of sturdy, extruded aluminium profile of a modern shape. This 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 frame of the screen can be combined with aluminium inside corners (clamped or twisted). With irregularly-shaped windows (trapezoids, diamonds, etc.), it is possible to use inside corners with adjustable angle. You can also choose between plastic outer corners, available in a wide range of colours.
- The joining profile can help obtain larger dimensions of the frame.
- The system is compatible with most window profiles. The mounting clips are available in five sizes.



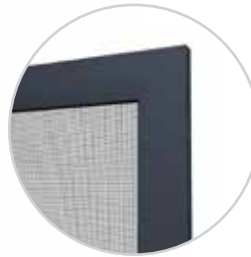
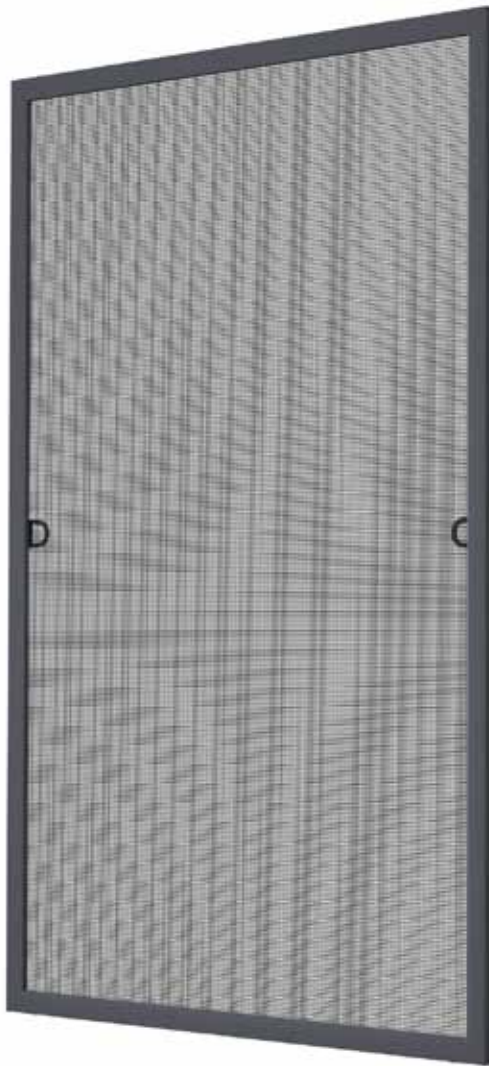
PROFILES COLOUR RANGE



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FIXED INSECT SCREEN SYSTEM

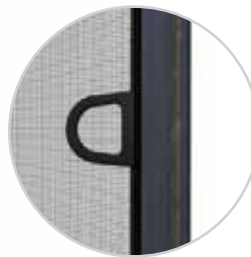
- This product is a solution designed for use on flushed aluminium windows.
- The screens are highly aesthetic and are supplemented by high quality details.
- All of its components are made of extruded aluminium, which ensures resistance to weathering, and a reliable operation of the product for many years.
- The frame of the screen can be connected using aluminium inside corners (clamped or twisted), 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.
- Installation is made fast and easy thanks to the use of mounting clips.
- Screen hooks are compatible with every window systems offered by Aluprof.



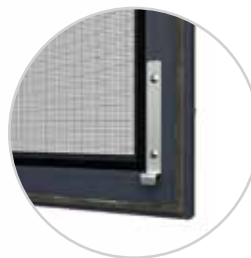
Frame with plastic inside corner (screwed or crimped).



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.

PROFILES COLOUR RANGE

white

golden oak

walnut

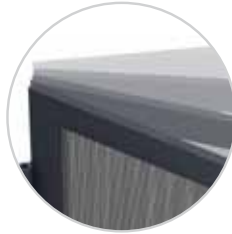
dark brown

anthracite grey

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HINGED INSECT SCREEN

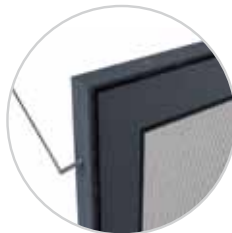
- Our hinged insect screen system is a perfect protection of your balcony door against insects.
- Its rounded, modern frame profile's shape is a perfect match with window frames available on the market. The frame of the screen is connected, by means of internal aluminium corners, which significantly 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. The mosquito net 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. A brush seal is added around the perimeter of the frame, this for additional sealing. What's more, it is possible to mount the active mosquito net to an independent structure.
- Standard screens are equipped with an opening holder or magnets that maintain the screen in closed position. Alternatively, there is a variant with a specially designed joining profile. Thanks to its modern shape, it acts as a handle allowing to open 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.



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 protected by a patent.



Two opening variants available: "ergonomic" and "aesthetic" or a specially designed, joining profile allow to open 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.

PROFILES COLOUR RANGE

white

golden oak

walnut

dark brown

anthracite grey

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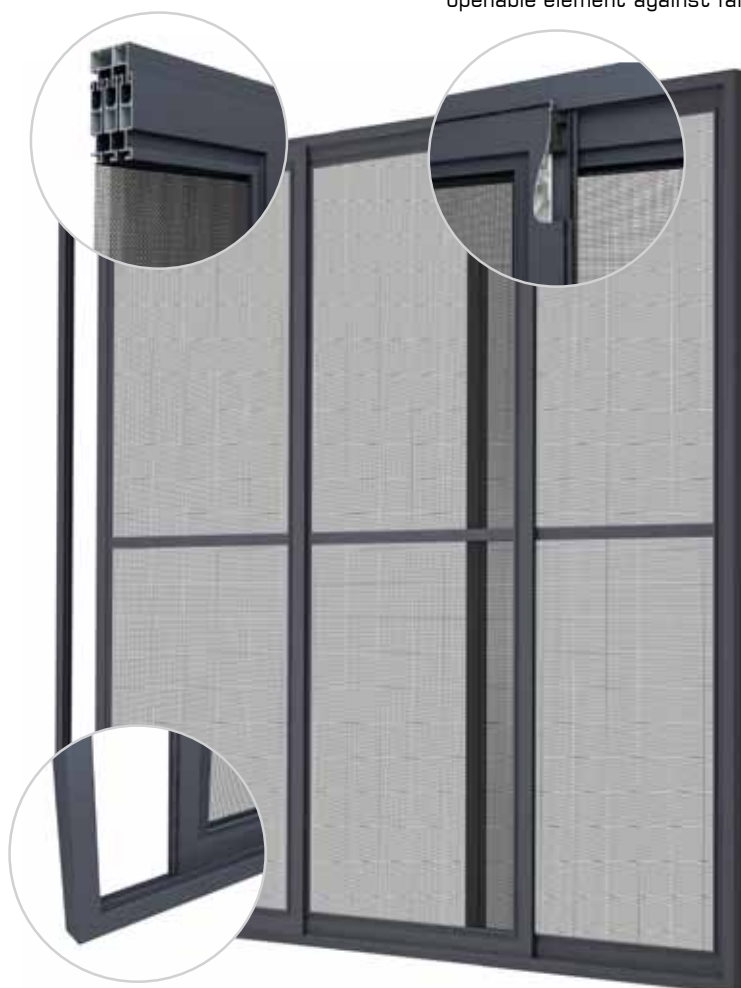
SLIDING INSECT SCREEN

- Sliding insect screen system is intended for large, glass balcony bays, terraces and verandas.
- Fly screen casement moves along the upper and lower running rail. In the bottom part, there's a running roll with a mechanism that allows a smooth adjustment of the inclination angle for each casement. Wide selection of running rails allows the installation of various types of insect screens on all types of windows and doors, this with a guaranteed, collision-free compatibility with external roller shutters.
- The shape of the mosquito profile eliminates the need for additional holders. The system uses a restrictor to slow down the movement of the casement in the end position, and a bumper that prevents mosquito nets from hitting the frame of the running rail.



Possibility of installation in "triple system configuration".

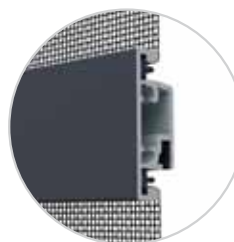
Moving the openable element: this allows to position and to protect openable element against falling.



Each openable element is additionally sealed with brush seals.



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

PROFILES COLOUR RANGE



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