



# The perfect insect protection

Individual. High quality. Graceful designed.

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Der perfekte Insektenschutz  
nach Maß

Insektenschutztechnik Oppermann

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## Systematic insect protection

### FRAMES

We make all our frames from extruded aluminium (AlMgSO, 5F22), which is then powder-coated or anodised. For especially high stability and long durability, the bevelled frames are always pressed with pushed-in aluminium angle brackets and additionally glued.

### MESH

The core of all our insect screens is the mesh. That is why it is made of ladder-proof bonded and plastic-coated fibreglass mesh, which is absolutely weather-proof and tear-resistant. Moreover, the colours grey and black give the insect screens a subtle look.

Upon request, we also manufacture mesh made of stainless steel or aluminium, for example for use in the basement. Screens that are not only to protect our customers against insects but are also to withstand the claws of their lively pets are covered with our special pet-screen mesh. Thanks to its vinyl coating, this polyester mesh is seven times more resistant against scratching.

All mesh types are easily replaced in case of damage, without affecting the frame construction. This guarantees an extremely long service life of the system.

### FITTINGS

All the fittings for our insect screens are made exclusively from wear-free and maintenance-free material. Their colour is matched to that of the frame with a UV-resistant powder coating that is fast to handling and always colour-fast and maintenance-free.





## Fixed frames for windows and doors

Our fixed frames offer functional and reasonably priced solutions for windows and doors that are opened primarily for ventilation. Practical suspension devices and high-quality handles made of zinc diecasting allow for quick and easy handling of the frames when tipping the window or door or opening it all the way. They can also quickly be removed for cleaning purposes.





## Rotating screens for windows and doors

Our rotating screens guarantee fast and especially comfortable use. Like windows and doors, they can easily be opened in both directions. In order to combine and ensure rigidity with long durability, our rotating frames are always double-pressed and additionally glued. This way they perfectly withstand the rotatory forces and are moreover wear-free. All the fittings are made of weather-proof aluminium or stainless steel: a colour-fast and UV-resistant powder coating protects their functionality and look for life.

Our rotating screens for doors are matched to the existing door element. An additional crossrail that divides the mesh and a kick-plate are part of the standard version of our revolving doors. They also serve to increase the rigidity. Upon request and for object-related reasons, we can also deliver them without the additional rail.







## Swinging doors

Our swinging doors work independently, quickly and almost silently. They are especially practical for protecting access ways to balconies and patios that are used frequently both privately and commercially against insects.

We achieved the uncomplicated and easy use by means of magnets that have been incorporated on the frame. The swinging doors can be opened both ways and close again automatically. The built-in brush seal all around the frame offers very effective protection against insects. Our swinging doors can of course be quickly and easily removed for cleaning or during the winter.

A wide variety of frames and the very low installation depth of only 13 millimetres make installation possible in almost all door versions.





## Sliding screens

Our sliding screens offer protection against insects that is both comfortable and practicable. The newly developed frame makes it possible to install very tall sliding doors without the need for additional crossrails. They slide almost silently on acid-proof ball-bearing castors in a wraparound aluminium frame and are both wear and maintenance-free. All sliding screens can be delivered with one or multiple leaves. Due to the height-adjustable catches (locking devices), the leaves can be unhinged with a maximum of safety and in just a few movements without problems.





## Roller blinds and roller doors, model „Free“

Our roller blinds are guided safely and securely in a frame so they can even be installed in inclined skylights. When closed, they offer secure protection against insects that is easy to operate. When they are not needed, they disappear almost completely in their cassette.

### ROLLER DOORS, MODEL „FREE“

The new addition to our range of products is the „Roller door Free“. Like our other products, our newest development also unites elegance and functionality at the highest level. Basically a large roller blind standing upright on the ground, this construction makes full use of the little space it requires and is nevertheless light as a feather to operate: just pull it open - that's all! Because the roller door remains opened in any position.

The low spring tension in the roller mechanism makes smooth opening and closing of the door possible and prevents it from snapping back uncontrolled. Moreover, the bottom guide rail with a height of only four millimetres is especially flat and therefore does not present a dangerous tripping hazard. What's even more, the bottom rail can be installed without the need for drilling holes. Our roller doors are of course custom-made and available in all standard colours or with special coating.

Our in-house quality assurance has tested the extremely long service life of the roller doors, model „Free“, and performed 54,000 opening and closing actions in everyday conditions. Practically no wear was detected during this test.





## Light well covers

Simple installation, high stability and excellent protection against insects, leaves and coarse dirt - that's what our light well covers, one of the many successful solutions we offer, guarantee in a single product. They have very flat frames that are rounded or bevelled on both sides so they can completely cover light wells of a variety of shapes and properties. In combination with transparent and weather-proof stainless steel, they are weight-bearing and restrict the air circulation only negligibly.

Alternatively, you can also order our light well covers with a scratch-resistant and weight-bearing, transparent polycarbonate sheet, which offers additional rain protection. In order to ensure increased air circulation, you can also install a combination of polycarbonate sheets and stainless steel mesh.

### GITTERSAFE GRID COVER

Our patented Gittersafe grid cover is based on a sophisticated sandwich construction and offers an extremely sturdy and at the same time elegant solution. The grid is mounted flush in the ground and has therefore no dangerous edges presenting a tripping hazard. The weather-proof GFRP grating, which is covered with a fine-meshed stainless steel grid and set in an aluminium frame, even bears the weight of persons. The Gittersafe grid cover is an extra-elegant, flush-mount solution without edges presenting a tripping hazard that fits perfectly into the ground. We can also deliver our Regensafe rainproof cover with a scratch-proof and impact-resistant, transparent polycarbonate sheet instead of with a fine-meshed stainless steel grid. This additional protection against rain does not affect the weight-bearing properties.







## SPECIAL SOLUTIONS AND COLOURS

We are able to manufacture frames of just about any shape, no matter how unusual: in addition to triangular shapes, we can produce trapezoidal and diamond-shaped frames, as well as a wide variety of round and circular shapes.

We use the RAL colours traffic white, (RAL 9016), sepia brown (RAL 8014) and ochre brown (RAL 8001) as well as black matte (tone 8077), bronze matte (tone similar to C33 anodised) and silver anodised (E6/EV1) for the high-quality powder-coating of our screens. You can of course also order all products in any RAL colour in addition to our standard colours upon request.





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