

INSECT SCREENS

HELLA

PRODUCTS
AND
INNOVATIONS
OF THE
HELLA GROUP

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INSECT SCREENS

PERFECT PROTECTION
AGAINST ALL KINDS
OF INSECTS
**FOR ANY DOOR
AND WINDOW**



AT LAST I FOUND SOME PEACE AND QUIET

EFFECTIVE PROTECTION AGAINST BITING PESTS TO ENJOY COMFORT AND RELAXATION.

**A proven system for the effective protection
against insects.**

For any window and door opening,
any constructional situation and for
any climate zone. HELLA provides the
perfect protection against insects –
effective and beautiful.

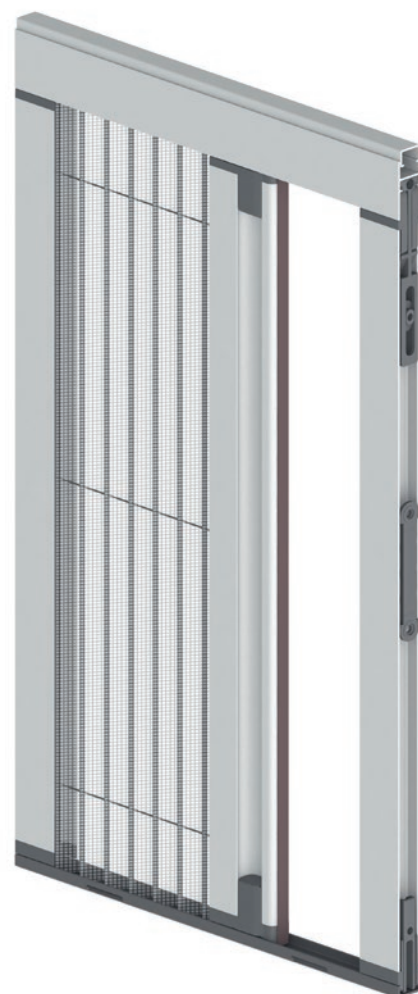




PLEATS

FOR DOORS

The pleated insect screen offers an effective and space-saving solution as protection against insects. Due to the recessed handles on the inside and the outside, it is possible to operate the pleated blind over the entire height from both sides. Because of their flat handles it can be mounted perfectly behind any sun protection device. The installation depth is 18 mm only, and thanks to the good packaging it is perfectly suitable for the smallest recess.

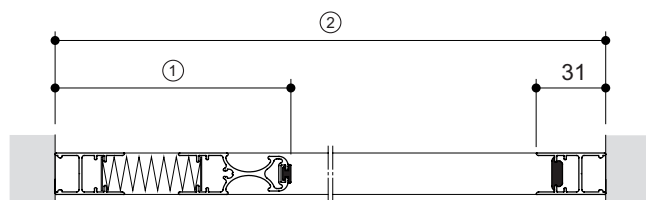




INSTALLATION DETAILS

The cable guidings stabilize the pleated insect screen and the handle bar, which is fixated by means of magnetic profiles when it is closed. Due to the low height of the bottom rail of only 8mm, the pleated blind is considered barrier-free when open as per DIN 18025.

**SPACE-SAVING,
USEFUL
AND EFFECTIVE**



① Package width [mm]	② Complete width [mm]
92	700-1000
102	1001-1300
112	1301-1600
121	1601-1900
131	1901-2200

Min. width [mm]	Max. width [mm]	Min. height [mm]	Max. height [mm]
700	2200	850	2600

ROLLER SCREENS

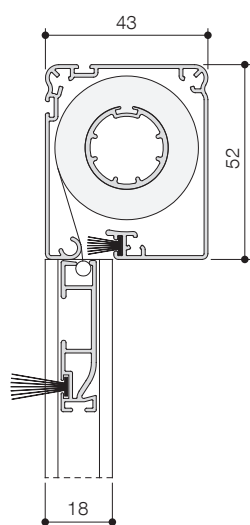
FOR WINDOWS



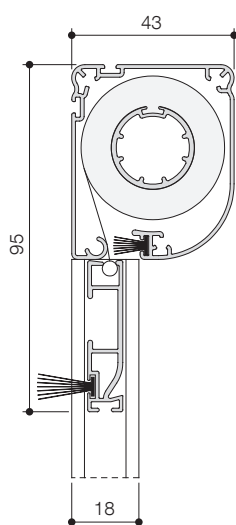
PROTECTION FOR HIGHEST DEMANDS

The insect roller screen is the most uncompromising protection against insects within the product range of HELLA. Guide rails, cassette and end rod are provided with integrated brushes. The spring balancer drive enables a quick opening and closing of the roller screen, but due to the built-in recoil brake, a shooting up is ruled out. With a size of 43x52 mm, the box is really compact and therefore suitable for any window soffit. The roller screen is available up to a height of 2500 mm.

CASSETTE SHAPES

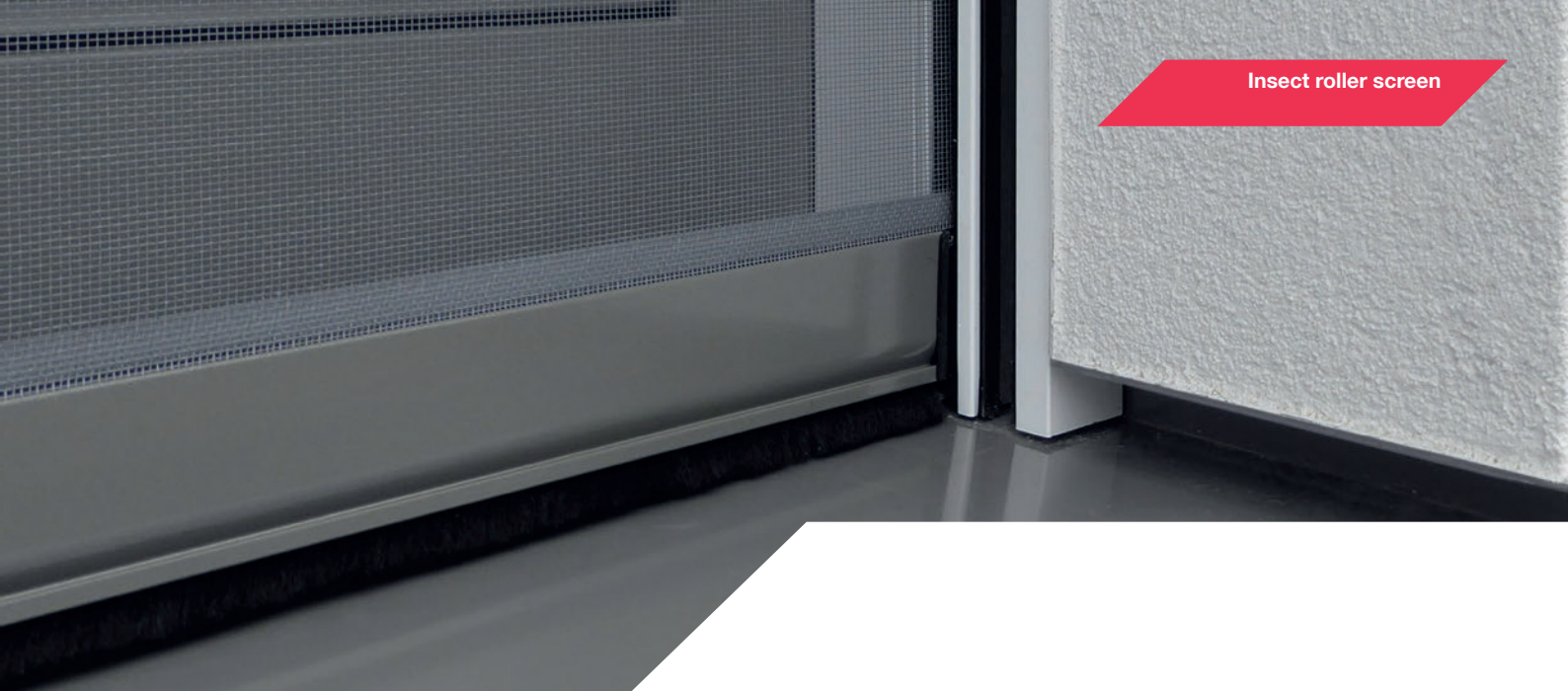


Square design



Quarter round





END ROD AND TYPES OF OPERATION

“Easy-Click” automatically locks the insect roller screen and releases it easily, when pushed downwards once again. To reach the end rod even if it is at greater height, a pull cord with bell cord is always included in the delivery range. For an operation from both sides, an inset type handle can be incorporated at the outside of the end rod.



Inset type handle (optional)

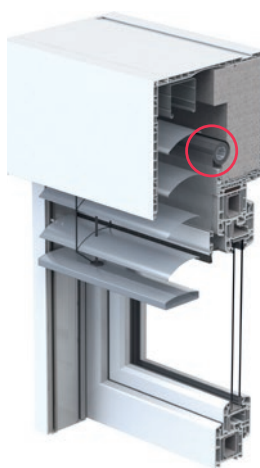


Pull cord (standard)

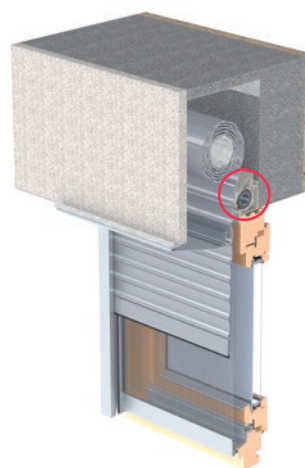
INSTALLATION OPTIONS



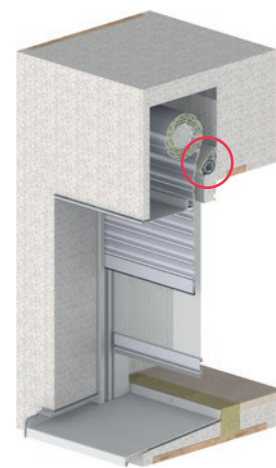
In the front-mounted roller shutter



In the top-mounted box



In the TRAV®



In the TRAV® frame

Insect screen fabric	Min. width [mm]	Max. width [mm]	Max. height [mm]	Max. surface [m ²]
Standard and VistaScreen	550	2200	2500	4



FRAMES

FOR WINDOWS AND DOORS

The HELLA insect screen frames are suitable for all common door and window systems and can be mounted in a few simple steps. An effective protection that can be visually perfectly integrated. Small installation dimensions, various fastening

options and the flexibility of the clamping frames, swing frames or sliding frames provide customized protection with modern design.



Clamping frame

Max. width 2300 mm
Max. height 2300 mm
Max. surface 3,5 m²

Designs

The clamping frames are available with different mounting options to meet the requirements of the different installation situations. Suspension bracket spring-mounted, suspension bracket outside, spring pins, installation with screws.

Swing frame single

Max. width 1500 mm
Max. height 2300 mm

Designs

Optionally each of the four sides of the simple version of the swing frame can be equipped with a different type of brush seal and can in this way be optimally adapted to the door element.

Swing frame with frame

Max. width single-winged 1500 mm
Max. width double-winged 3000 mm
Max. height 2300 mm

Designs

The swing frame with frame offers additional installation options, therefore it can also be mounted behind the distance guide rail of a front-mounted roller shutter or laterally in the soffit. The swing frame is also available in a double-winged design, if greater widths are required.

**SIMPLE,
SAFE
AND STABLE**



Simple slide frame

Max. width single-winged 2000 mm
Max. width double-winged 4000 mm
Max. height 2500 mm

Designs

The simple version of the slide frame is used for multi-winged window and door elements. Due to the very high stability of the slide frame profile, elements up to a frame surface of 4.4 m² can be designed without sash-bars.



Simple slide frame with trim

Max. width 4000 mm
Max. height 2500 mm

Designs

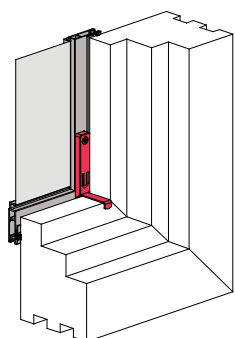
The slide frame with frame offers extended installation options, which is why it can also be mounted laterally in the soffit at a distance from the window to bridge weatherboards.

TECHNICAL DETAILS

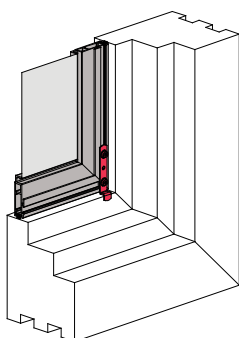
INSECT SCREEN FRAME



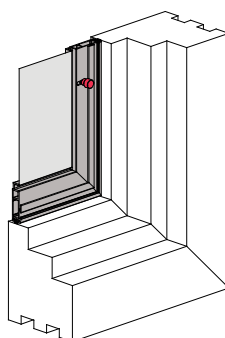
FASTENING OPTIONS CLAMPING FRAME



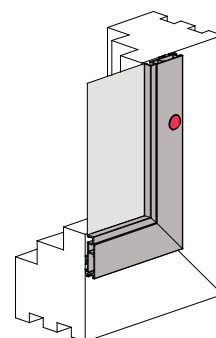
Suspension bracket
spring-mounted



Suspension bracket outside



Spring pins

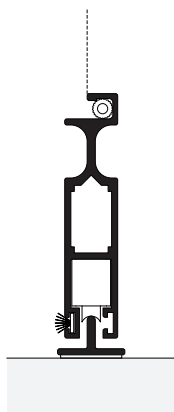


Installation with screws

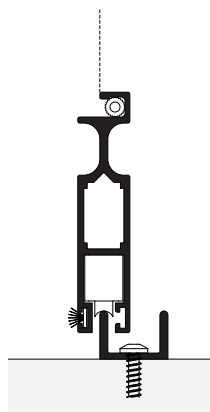
SLIDE RAILS SLIDE FRAME



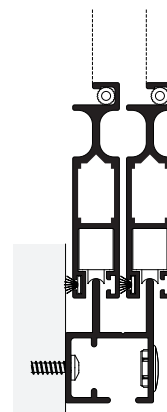
Z-shaped profile



T-shaped profile



U-profile



Frame profile

COVER TYPES

ONE SYSTEM AND VARIOUS FEATURES

HELLA offers screens to suit any situation in our everyday life. Enjoy your home without unwanted visitors like insects, mice and pollen. HELLA insect screens are available in many different variants and colours.



The insect screen fabric "Standard" offers a simple and effective protection against annoying pests.



The insect screen fabric VistaScreen combines optimum protection with a clear view towards the outside.



The pollen screen is made of such a fine-meshed fabric, hay fever will not bother you anymore.



The pet fabric Petable has a seven-time higher tearing strength, especially against cat and dog claws.



If you fear that mice will bite through the screen, we recommend the insect screen fabric Aluminium.

	Insect screen Standard	Insect screen VistaScreen	Pollen screen	Petable	Insect screen Aluminium
Material	PVC-coated fibre-glass	PVC-coated fibre-glass	Polyester	Polyester	Aluminium
Mesh density [threads/inch]	18x16	18x18	62x18	15x11	18x16
Mesh size	1.41x1.58 mm	1.41x1.41 mm	1.37x0.41 mm	1.49x2.54	1.41x1.58 mm
Denier	0.28 mm	0.22 mm	0.27/0.24 mm	0.64 mm	0.26 mm
Open area	60%	70%	33%	43%	68%
Specific features	high tearing strength and weather resistance	improved view and air permeability compared with the standard grid	Prevents more than 99% of grass and birch pollen as well as more than 90% of ambrosia and stinging nettle pollen from entering.	high tearing strength, perfect for pets	increased protection against small rodents, better view to the outside than the standard screen
Restrictions		Element width Max. 1500 mm	Element width max. 1500 mm	Element width max. 1500 mm	Element width max. 1500 mm, sash bar mandatory with slide frame
ISR/ISD/IST Frames	■	■	■	■	■
IS13 Roller screen	■	■			
ISPL18 Pleated screen	■				



THE HELLA WORLD

PARTNERSHIP WITH HANDSHAKE QUALITY

From the first Venetian blind that was produced in East Tyrol in 1959 to the high-tech control devices for the intelligent house of the future, we are driven by only one desire: To develop something really good. Since then the brand HELLA convinces with innovative strength and a large variety of products – all of top quality and perfect function. Today, HELLA is an internationally significant initiator for the development of sustainable systems for sun and weather protection. Whether for a single family home or a large project – we are always close to our customers.

SAVING ENERGY

Sun protection products are perfect “climate buffers”. Box-type windows of former generations used air cushions as climate buffers. Modern sun protection perfected this principle. As a “second pane” they create a highly effective, air-filled climate zone that reliably blocks both heat and cold. Our sun protection products even replace the air conditioner and reduce the energy required. This saves money, protects the environment and improves the indoor climate. For sure a good feeling.



PRODUCT GROUPS



Outdoor blinds & exterior Venetian blinds



Roller shutters



Awnings



Pergolas



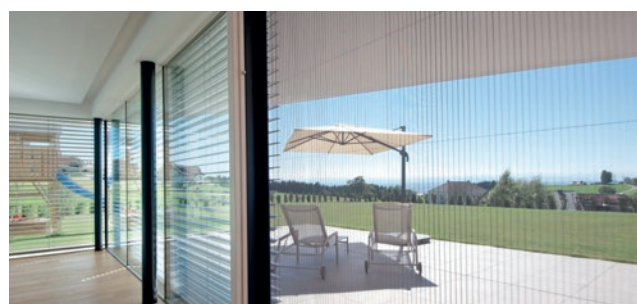
Facade blinds



Conservatory blinds



Interior blinds



Insect screens



Solutions for building shells



Control devices



BROCHURE
Insect screens

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