



heroyal IS

Insect screen systems



Insects and pollen don't stand a chance!

The heroal IS insect screen systems offers designers, architects and property owners a multitude of advantages: our high-quality solutions can be integrated in nearly all window and door systems, as well as in covers for light shafts and cellar shafts. Our wide range of profiles and screens fulfils every criterion for ideal insect protection; heroal IS effectively keeps interior spaces free of insects and pollen.

Full ventilation capacity and maximum transparency

In developing our screen system, two functional aspects were kept in focus: high air permeability and best-possible transparency.

Thus, for example, heroal IS Advantage screens achieve up to 50% better transparency compared to conventional screens. heroal IS Clear not only blocks 97% of all pollens, but also offers dramatically improved air permeability compared to typical pollen screens.

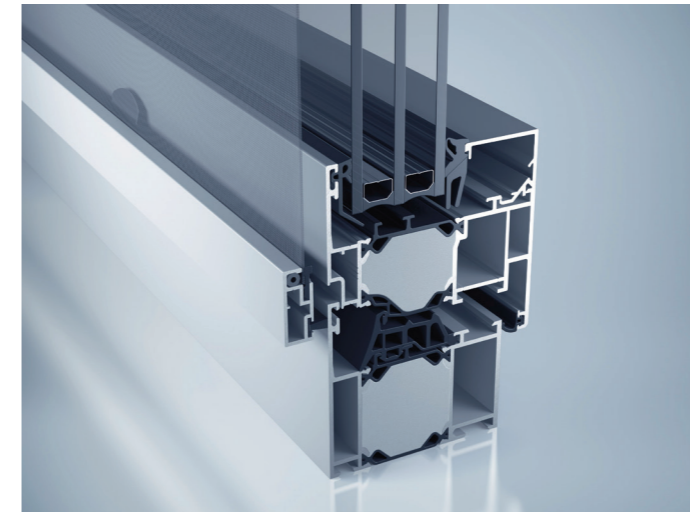
A custom-fit solution for every situation

Whether round, angular, tapered or curved – the heroal IS insect screen system always provides tailored profiles; even faced with the widest variety of construction requirements, these custom-fit system solutions guarantee perfect insect and pollen protection.

Simple installation and easy operation

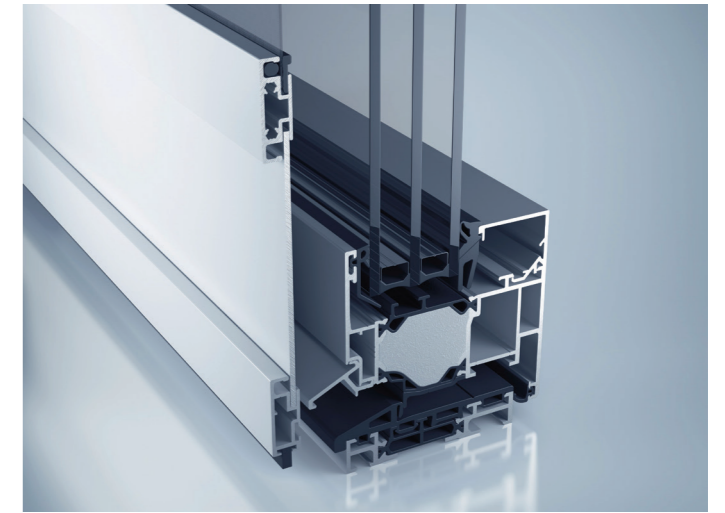
Anyone looking to directly integrate a roll-up insect screen directly in the roller shutter casing can rely on the heroal IS integrated solution: with in-casing installation, the insect screen is installed alongside the roller shutter, saving both space and material. A special guide rail with two chambers providing for two functions, as well as a guided handle strip make it easy and reliable to operate the screen with one hand – independently of the roller shutter.

For aftermarket installation, the heroal IS KIS system provides an optimal solution. In addition to the advantageous operation with one hand, it also stands out for its small size, creating a subtle look for a variety of different building situations.



heroal IS tension frame

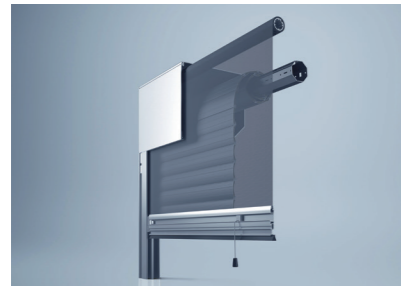
The heroal IS tension frames are designed for windows and doors which must be tilted or completely opened to ventilate – even if roller shutters, swing shutters, sunshades or security grilles must be accounted for. The tension frame mounts between the frame or guide tracks for the window or door. In use, it can be removed and replaced without requiring tools.



heroal IS swing frame

For frequently-used doors and windows, the stable, easily movable heroal IS swing frame has proved itself especially practical: simple, comfortable, and quick to open and close – and hands-free! The swing frame can open in- or outwards as desired. Even after years of use, its optimal functionality remains ensured.

A selection with design flexibility built in



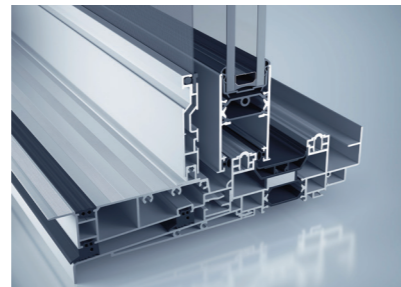
heroal IS integrated
The unified system solution for integrated roll-up insect screen installation in roller shutter casings.



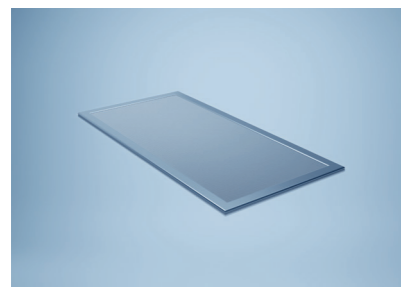
heroal IS KIS
The aftermarket insect screen solution for rapid mounting on windows and doors.



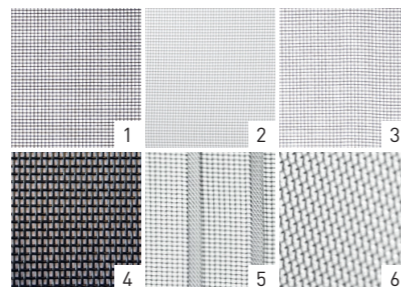
heroal IS Pleated
The stable, even horizontal folds in the screen remain in place in any chosen position.



heroal IS Sliding Door
The high-quality sliding system for especially large door openings to patios and gardens.



heroal IS light shaft cover
This light shaft cover provides optimal protection from insects while remaining easy to clean.



heroal IS Fabric
1. heroal IS Classic
2. heroal IS Light
3. heroal IS Advantage
4. heroal IS PET
5. heroal IS Pleated
6. heroal IS Lightshaft

An overview of screen types

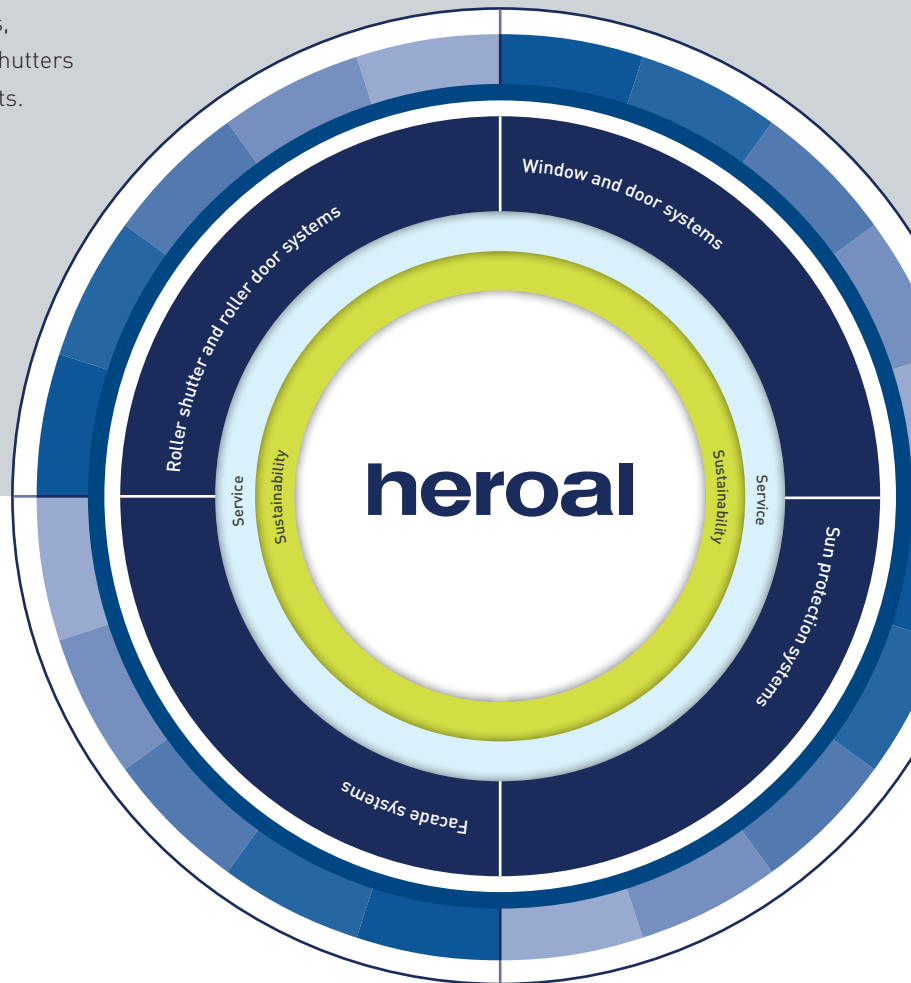
Characteristics	heroal IS Classic	heroal IS Light	heroal IS Advantage	heroal IS PET	heroal IS Clear	heroal IS Stainless
Screen type	PVC-coated fibre-glass screen	PVC-coated fibre-glass screen	PVC-coated fibre-glass screen	PVC-coated fibre-glass screen	PVC-coated fibre-glass screen	Stainless steel screen
Characteristics	Suitable for all standard installations	Improved light and air permeability	Particularly transparent and light-permeable	Particularly rugged screen, well suited to pets	Protection from pollen – especially recommended for people with allergies	Especially corrosion-resistant – well suited to sanitary areas
Tensile strength	4.57 kg/cm ²	5.5 kg/cm ²	9.7 kg/cm ²	-	-	-
Air permeability	2,928 (l/dm ² x) at 30 Pa	3,555 (l/dm ² x) at 30 Pa	4,052 (l/dm ² x) at 30 Pa	-	1,880 (l/dm ² x) at 25 Pa	-
Transparency	Standard	+ 45%	+ 50%	Standard	Standard	Standard
UV stability	UV-stable	UV-stable	UV-stable	UV-stable	UV-stable	UV-stable
Pollen retention capacity	low	low	low	low	up to 97%	low
Screen mesh size	1.29 x 1.13 mm	1.18 x 1.04 mm	1.01 x 1.07 mm	1.91 x 1.18 mm	0.50 x 1.70 mm	1.41 x 1.41
Fire safety	self-extinguishing	self-extinguishing	self-extinguishing	-	-	non-flammable
Distinction:	"The Blue Angel" ecolabel	"The Blue Angel" ecolabel	"The Blue Angel" ecolabel	"The Blue Angel" ecolabel	ECARF tested	-
Available colours	grey	anthracite	anthracite	anthracite	anthracite	stainless steel
Application	heroal IS heroal IS Integrated heroal IS KIS	heroal IS heroal IS Integrated heroal IS KIS	heroal IS	heroal IS	heroal IS	heroal IS

heroal – The aluminium systems producer

As one of the leading producers of aluminium profile systems, heroal develops and produces optimally coordinated systems for windows, doors, facades, roller shutters, roller doors, and sun awnings, supplemented by folding and sliding shutters and insect screens, as well as patio awnings and carports. Thanks to minimal energy input during production and maximum energy savings during use, heroal system solutions contribute directly to sustainable construction – combined with economical fabrication and a substantial increase in building value.

Innovation, Service, Design, Durability

The heroal brand stands for system solutions which combine practical innovations, industry-leading service and high-quality design that can be integrated into any architecture with comprehensive sustainability.



Roller shutters | Sun protection | Roller doors
Windows | Doors | Sliding doors | Curtain walls | Patio Roofs

heroal – Johann Henkenjohann GmbH & Co. KG

Osterwieher Str. 80 | 33415 Verl (Germany) | Phone +49 5246 507-0 | Fax +49 5246 507-222 | www.heroal.com