



## heroyal sun protection systems

Innovative glare, privacy and heat protection



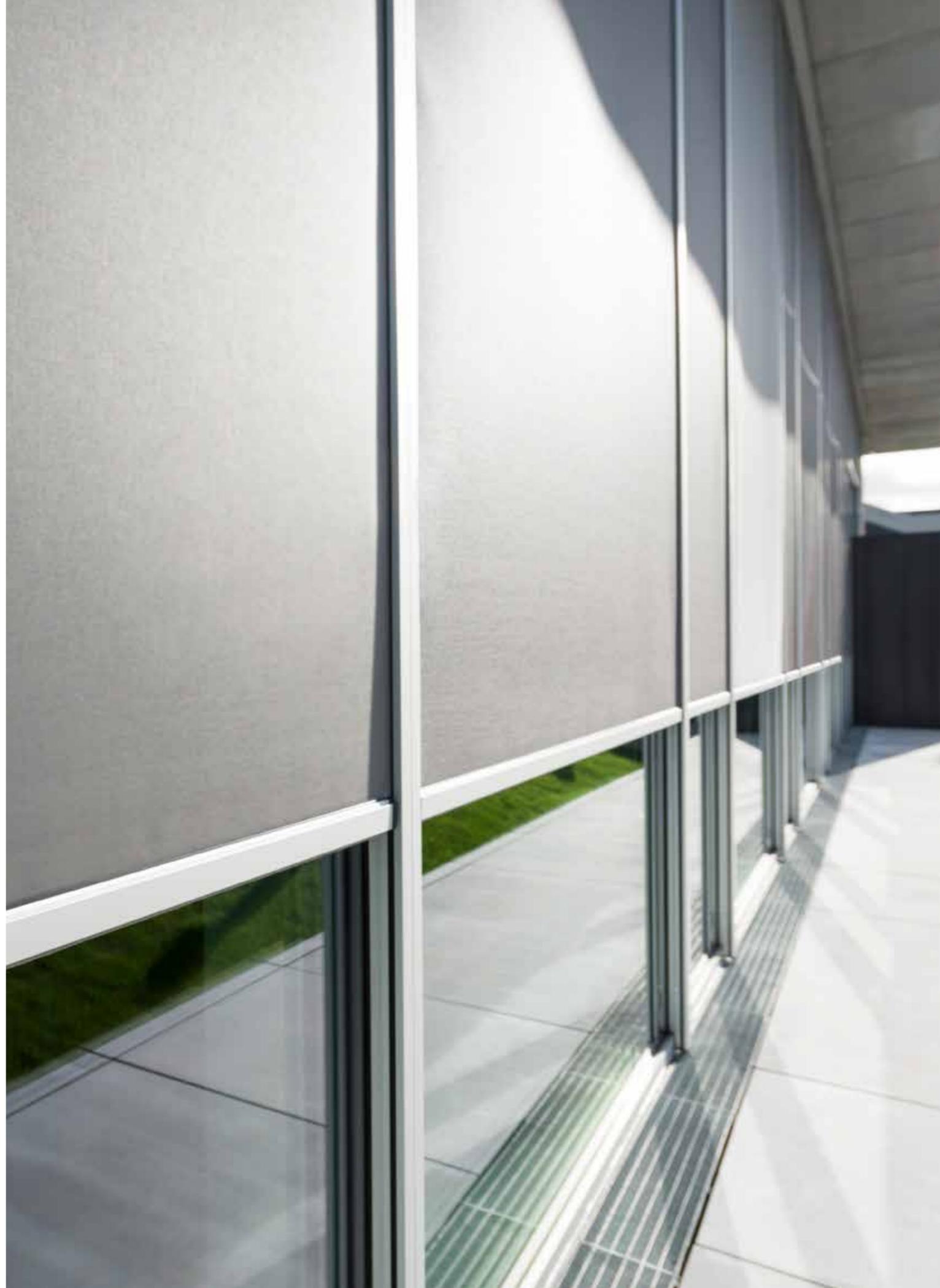
## Glare-free shading: heroal sun protection systems

First-class materials, technical perfection down to the last detail and a wide range of design options are what distinguish the efficient heroal systems technology. These are benefits that impress. For decades, heroal has been a reliable partner for architects, builders and fabricators with innovative aluminium and aluminium composite solutions for the building shell.

Planners appreciate the multitude of design possibilities, builders can bring their specific requests to life with a reliable system and our partners benefit from the economical and efficient heroal system solutions.

Just like all heroal systems, the high-quality heroal VS Z, heroal VS C and heroal VS screen systems combine durability and functionality with first-class design. The large number of textiles and surfaces, as well as the option of creating extreme element sizes, ensure maximum diversity.

The heroal VS Z sun protection system is distinguished by its unobtrusive design thanks to the very slender guide rails with a view width of just 25 mm, the invisible screws and a continuous panel for connected systems. The full integration into the curtain wall and the option of coating the aluminium components in the same colour lets you achieve an optimal evenness of colour across the entire building shell.



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## heroal VS Z

Sun protection system with zip screen technology



heroal VS Z is an innovative zip screen system that is installed as external sun protection and is suitable even for very tall buildings. The curtain is guided in the aluminium guide rails by a zip attached to the fabric. With a view width of just 25 mm, the guide rail of the heroal VS Z is a pioneer on the market. If the guide rail needs to be concealed, it can be completely plastered over upon request. The high-quality textile selection is comprised of translucent and opaque fabrics, which reflect and absorb sunlight to reduce the solar radiation by up to 100 %\*. At the same time, the UV radiation is filtered by up to 100 %\*.

### Versions and design

- » System compatible with the heroal window, sliding and lifting-sliding door systems
- » Obstacle detection can be installed, which stops the curtain if it encounters resistance
- » Integration in Smart Home systems via W-LAN possible
- » Wide range of installation options on the wall/window, as contra installation or under the lintel
- » Wider curtain walls can easily be shaded with connected systems of joined individual elements
- » Combinations of connected elements with different element heights with a continuous box panel in door/window combination possible
- » Integration into the heroal C 50 curtain wall system possible
- » Certified ball impact resistance
- » Up to 250 different colours and textiles in different light transmittance grades from virtually transparent through to black-out (up to 100 %)\*
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » The curtain is guided in stable guide rails with end slat via a zip attached to the fabric
- » Max. element sizes: 6,000 mm wide, 5,000 mm high, 18 m<sup>2</sup> surface area (also possible with the smallest 125 mm panel box)
- » heroal GR 37 guide rail can be fully plastered over
- » Narrow guide rail with 25 mm view width for all installation types, except for contra installation
- » High weather resistance and low-maintenance
- » Suitable for tall buildings
- » High wind resistance up to 145 km/h
- » Reduction of UV/solar radiation by up to 100 %\*
- » Electronic motor drive or mechanical drive via a handle
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Available as items sold by length, textile assemblies or finished elements (heroal Ready)

\* depending on the selected textile

## heroal VS Z EM

Sun protection system with zip screen technology and solar-powered drive



The heroal VS Z EM (Easy Mount) sun protection system is the clamp-on version of the heroal VS Z textile zip screen system. It can be installed without drilling and can be removed without a trace if needed. The integrated solar-powered drive makes the system ideal for retrofitting and it is also easy to use in heritage listed buildings, rental properties and existing properties. Various clamping support options enable the versatile use of the system in almost all common aluminium, plastic and wood window types.

With an integrated solar-powered drive, the heroal VS Z EM does not need a power supply. If there is ever not enough sunshine, the rechargeable battery can carry out around 10 curtain operations and the motor can also be charged via an integrated rechargeable battery with additional interface. The heroal VS Z EM is controlled at the push of a button with remote control or a button on the wall.

### Versions and design

- » System compatible with the heroal window systems
- » Modern, cubic design with 90° panel box
- » 16 different stainless steel clamping supports for all common aluminium, plastic or wood window systems
- » Integration of insect or pollen screens possible
- » Up to 250 different colours and textiles in different light transmittance grades from semi-transparent through to opaque (up to 100 %)\*
- » High-quality colour design of the aluminium components with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier

### System sizes and system features

- » The curtain is guided in stable guide rails with end slat via a zip attached to the fabric
- » Max. element sizes: 2,000 mm wide, 2,200 mm high, 4.4 m<sup>2</sup> surface area, with heroal IS insect screen: 1,500 mm wide
- » FME front-mounted box system: size 85 mm
- » End slat type I
- » Guide rail with 41 mm view width without insect screen and 48 mm with insect screen
- » High weather resistance and low-maintenance
- » Wind-resistant up to 60 km/h (wind strength 7)
- » Installation without holes with stainless steel clamping supports
- » Reduction of UV/solar radiation by up to 100 %\*
- » Operated by a solar-powered motor with rechargeable battery or a remote wall-mounted/hand-held transmitter
- » Curtain control either wireless via remote control or using a wall button
- » Available as systemware and heroal Ready finished element

\* depending on the selected textile

from  
2023

## heroal VS Z corner solution

Sun protection system with zip screen technology for all-glass corners



The innovative heroal VS Z corner solution consists of two textile screens with zip guide on the sides and a high-quality stainless steel cable guide in the corner area that ensure efficient sun protection, e.g. at all-glass corners. As the curtain is guided with separate end slats, the screens can each be controlled independently. Areas of up to 9 m<sup>2</sup> per textile screen can be covered, each with a maximum width of 3,000 mm and height of 3,000 mm. When the textile screen is not in use, it disappears in the heroal FME front-mounted box system (size 105 and 125 mm).

### Versions and design

- » System compatible with the heroal sliding and lifting-sliding door systems
- » Integration of insect screen doors and stenter frames using spacing profiles and matching decorative caps possible
- » Obstacle detection can be installed, which stops the curtain if it encounters resistance
- » Integration in Smart Home systems via W-LAN possible
- » Attachment of the tension cable either on the floor or on the curtain wall with a 90° steel bracket and aluminium cover
- » Wide range of installation options on the wall/window, as contra installation or under the lintel
- » Selection of different colours and textiles in different light transmittance grades from semi-transparent through to opaque (up to 98 %)\*
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » The curtain is guided by separate end slats that both run in a single stainless steel cable guide
- » Separate independent control system for the two textile screens
- » Max. element sizes: 3,000 mm wide, 3,000 mm high, 9 m<sup>2</sup> surface area per textile screen (also possible with the smallest 125 mm panel box)
- » FME front-mounted box system: size 105 and 125 mm, demountable from below
- » Cubic box design: 90°
- » Guide rails with an extremely narrow view of just 25 mm (heroal GR 25)
- » High weather resistance and low-maintenance
- » Wind-resistant up to 37 km/h
- » Reduction of UV/solar radiation by up to 100 %\*
- » Electronically powered drive
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Available as heroal Ready finished element

\* depending on the selected textile

## heroal VS Z textile assembly

Sun protection textile assembly for turnkey installation



The heroal VS Z textile assembly consists of a prefabricated textile from the current heroal collection, a cut-to-size textile roller shaft, an installed motor from the heroal range as selected by you and a pre-assembled end slat (type III) as well as all required accessories, such as roller caps and motor mounts. The heroal VS Z textile assembly can be installed in front boxes or shafts, is delivered to the customer ready for installation and is ready for operation (plug and play). No interface with other trades is necessary. Special bearing brackets also allow the prefabricated system to be integrated into plastic surface-mounted boxes. The heroal VS Z textile assembly is available in various colours and textiles.

### Versions and design

- » Also suitable for plastic top boxes due to special bearing brackets suitable
- » Up to 250 different colours and textiles in different light transmittance grades from virtually transparent through to black-out (up to 100 %)\*
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

\* depending on the selected textile

### System sizes and system features

- » The curtain is guided in stable guide rails with end slat via a zip attached to the fabric
- » Max. element sizes: 4,500 mm wide, 3,500 mm high, 15 m<sup>2</sup> surface area
- » System compatible with the guide rail heroal GR 37
- » Narrow guide rail with 25 mm view width for all installation types, except for contra installation
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Suitable for motors from the manufacturers Somfy, Elero or Selve
- » Optional crank-operated or battery-buffered drive solutions for the second escape route
- » Also suitable for retrofitting
- » Prefabricated textile assembly (heroal Ready)

## heroal VS C

Sun protection system with stainless steel cable guide



The heroal VS C sun protection system comes with a slimline stainless steel cable guide, which makes this version ideal for windows and curtain walls with profiles with a narrow view width. The slender appearance of the entire system perfectly matches with the excellent heroal design language – the high-quality stainless steel cables impress with the minimalistic look. The heroal VS C reduces solar radiation by up to 98 %\*.

### Versions and design

- » System compatible with the heroal window, sliding and lifting-sliding door systems
- » Obstacle detection can be installed, which stops the curtain if it encounters resistance
- » Integration in Smart Home systems via W-LAN possible
- » Versatile installation options on the wall/window or as contra installation
- » Up to 250 different colours and textiles in different light transmittance grades from virtually transparent through to black-out (up to 98 %)\*
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » Curtain guide on stainless steel cables
- » Max. element sizes: 5,000 mm wide, 5,000 mm high, 15 m<sup>2</sup> surface area (also possible with the smallest 125 mm panel box)
- » Extremely low-maintenance
- » For regions with low wind load requirements
- » For narrow window profiles
- » Reduction of UV/solar radiation by up to 98 %\*
- » Electronically powered drive
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Available as items sold by length, textile assemblies or finished elements (heroal Ready)

\* depending on the selected textile

## heroal VS

Sun protection system with curtain guide via the end slat



Anyone looking for a basic version of the zip-guided heroal VS Z need look no further than the heroal VS sun protection system: one of the differences to the heroal VS Z zip screen system is the curtain guide exclusively via the end slat. This makes this sun protection system ideal for applications in which wind resistance does not play a significant role. The fabric selection can be used to provide either light transmitting or opaque sun protection that reduces solar radiation by up to 98 %\*.

### Versions and design

- » System compatible with the heroal window, sliding and lifting-sliding door systems
- » Obstacle detection can be installed, which stops the curtain if it encounters resistance
- » Integration in Smart Home systems via W-LAN possible
- » Versatile installation options on the wall/window or contra
- » Combinations of connected elements with different element heights with a continuous box panel in door/window combination possible
- » Up to 250 different colours and textiles in different light transmittance grades from virtually transparent through to black-out (up to 98 %)\*
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » Curtain guide by end slat
- » Max. element sizes: 5,000 mm wide, 5,000 mm high, 15 m<sup>2</sup> surface area (also possible with the smallest 125 mm panel box)
- » Extremely low-maintenance
- » For regions with low wind load requirements
- » Reduction of UV/solar radiation by up to 98 %\*
- » Electronically powered drive
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Available as items sold by length, textile assemblies or finished elements (heroal Ready)

\* depending on the selected textile

## heroal HS

Horizontal blind for patio roofs and conservatories



As a horizontal blind for onglaze applications, heroal HS can be perfectly combined with the heroal OR patio roof system or the heroal C 50 WG conservatory system. The textile sun protection system provides effective protection against strong solar radiation. The minimal space required enables the subtle integration of the sun protection for every type of application. For maximum textile tension, in addition to the zip guide, heroal HS is stretched by a tensioning system to provide shade for a maximum width of 5 m.

### Versions and design

- » System compatible with the heroal OR patio roof system – can also be integrated retrospectively
- » Installation in third-party systems also possible
- » Integration in Smart Home systems via W-LAN possible
- » Use of colour-fast acrylic textiles
- » Concealed attachment
- » Modern styling thanks to the cubic construction
- » For wider patio roofs, horizontal blinds can be joined together as required
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » Zip-guided tensioning system ensures maximum textile tension
- » Max. element sizes: 5,000 mm wide, 5,300 mm high, 21 m<sup>2</sup> surface area
- » Optimum box size: 165 mm
- » Guide rail view: 55 mm
- » Roof pitch: 0-45°
- » Cubic box design: 90°
- » Reduction of solar radiation by up to 75 %\*
- » Reduction of UV radiation by up to 98 %\*
- » Box protects the textile and technology from environmental influences
- » Electronically powered drive
- » Curtain can be controlled remotely, manually by a wall button or with an app, available as a prefabricated kit (heroal Ready)

\* depending on the selected textile

## heroal VS Z OR

Fully integrated vertical blind for patio roofs



The zip-guided heroal VS Z OR sun protection system can be fully integrated into the heroal OR patio roof system as a vertical blind. It provides protection when the sun is low in the sky, protects against wind and weather as well as cool breezes on spring and autumn evenings. The heroal VS Z OR sun protection system provides outstanding weather protection thanks to the high wind load resistance. The fully-integrated installation in the heroal OR patio roof system ensures a harmonious design. The guide rails are recessed in the column and the panel box disappears in the eave. Maximum spans of 6,000 mm wide and 3,000 mm high are possible without a centre column.

### Versions and design

- » System compatible with the heroal OR patio roof system – can also be integrated retrospectively
- » Obstacle detection can be installed, which stops the curtain if it encounters resistance
- » Integration in Smart Home systems via W-LAN possible
- » Fully-integrated installation under the eave as well as in the side section and the column
- » Use of colour-fast acrylic textiles
- » Guide rails recessed in the column
- » Integrated screw channels for maximum stability
- » Max. span without centre guide
- » Wide range of colours, coordinated to heroal HS
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

### System sizes and system features

- » Zip-guided sun protection system ensures maximum textile tension
- » Max. element sizes: 6,000 mm wide, 3,000 mm high, 19.8 m<sup>2</sup> surface area
- » Optimum box size: 155 mm
- » Cubic box design: 90°
- » Wind-resistant up to 60 km/h\*
- » Large spans without a centre column
- » Reduction of solar radiation by up to 75 %\*\*
- » Reduction of UV radiation by up to 98 %\*\*
- » Electronically powered drive
- » Curtain can be controlled remotely, manually by a wall button or with an app
- » Available as items sold by length, a textile assembly or a prefabricated kit

\* depending on the installation location and element size

\*\* depending on the selected textile

# Installation situations

Versatile applications



heroal VS Z surface-mounted on the heroal C 50 curtain wall system



heroal VS Z OR integrated into the heroal OR patio roof system



heroal VS Z in front of the window



heroal VS Z integrated into the heroal C 50 WG conservatory system



heroal VS Z with the heroal S 77 SL lifting-sliding door system

# Installation

Easy installation for every situation



On the wall/on the window



In the lintel



In the reveal (contra)

The heroal VS Z, heroal VS Z corner solution, heroal VS and heroal VS C sun protection systems offer a wide range of installation options. They can be installed on the wall, on the window, in the reveal (contra) or in the lintel. When installed in the reveal, the panel box faces inwards.

An installation with crossbars is also possible in order to vary the distances to the window or the structure. The small winding diameter of the textile means that it can easily be installed in small panel boxes. For example, a window height of 3 x 3 m requires a panel box only 95 mm high.

Maintenance and repairs are easy to perform thanks to the simple system design. A dismantling ring and an optimised roller capsule facilitate the dismantling of the sun protection.

Architects, builders and heroal partners benefit from the easy installation and outstanding service life of the heroal sun protection systems.

**System properties**

- » Wide range of installation options on the wall/window, contra or in the lintel
- » The system is easily accessible for maintenance and repairs
- » Optimised roller capsules ensure easy removal of the textile
- » Easy to clip open the 2-part guide rail on the wall installation profile for heroal VS Z

# Installation of the heroal VS Z EM

Easy installation for almost every window



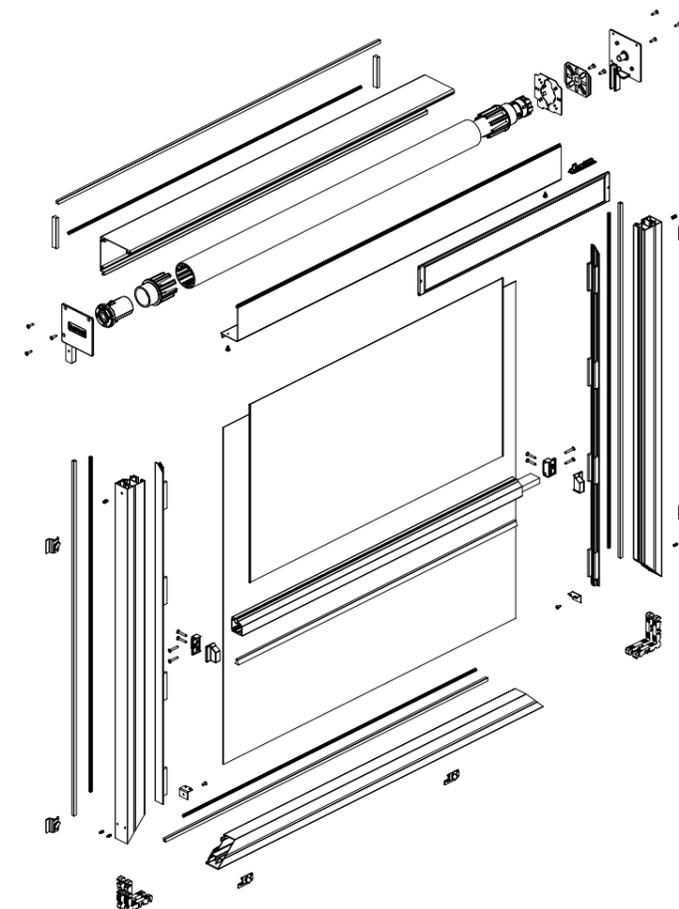
The clamp-on sun protection is installed in the window frame in just a few simple steps without the use of any special tools either by a specialist or by the end users themselves. For installation, two clamping supports and the installation loops are first attached. After configuring the tube motor, the heroal VS Z EM is raised using the installation loops and

inserted in the window frame. Installation takes place from inside the building, so no scaffold or crane is required, even at higher floor levels. While the clamp-on sun protection is held in position on the installation loops, the two clamping supports are mounted on the lower window frame and two additional clamping supports are inserted and attached with a TX 25 ball-point hex key.

The number and position of the clamping supports depends on the size of the element. Once the firm fit and flawless function of the sun protection system has been checked, the installation loops can be removed. As no structural changes are required, no landlord or owner approval is needed to install the clamp-on sun protection.

**System properties**

- » Installation in the window frame in a few simple steps, without any special tools, from inside the building
- » Can be performed by a specialist or the end user themselves
- » No structural changes necessary, so no landlord or owner approval is required



## Panel boxes

Panel box solutions for every design



heroal FMB 90° flush-mounted box



heroal FME 45° front-mounted box



heroal FME 20° front-mounted box

heroal offers two different types of panel boxes for the sun protection systems (heroal VS Z, heroal VS Z EM, heroal VS Z corner solution, heroal VS Z OR, heroal VS C and heroal VS). The extruded FME panel system (front mounted extruded) is a front-mounted box that is positioned on the masonry or in the reveal. The extruded FMB panel system (flush-mounted box) is a flush-mounted box that is installed in the lintel. The heroal FME 90° front-mounted system is a rectangular, extruded panel solution with a clear, rectangular outline for a cubic, puristic look. It is ideal for both new and old buildings. The box sizes support a wide range of installation and application options in the familiar slender heroal design.

The heroal FME front-mounted box system in sizes 105 and 125 mm is available for the heroal VS Z corner solution. New mitre connectors make it easy to join the boxes around corners.

The heroal VS Z OR sun protection system is integrated into the heroal OR patio roof system. The front panel can be adjusted to create a uniform overall look between the eave, panel box and end slat. Slot nuts make it easy to install the panel box, even if the eave profile is deflected.

### System sizes and system features

- » Extremely solid box end system comprised of a steel motor mount and aluminium decorative cap for all box designs and sizes
- » Design options: FME 20°, FME 45°, FME 90°, FME HC N (half-round), FMB 90°
- » Box sizes: 85 mm, 95 mm, 105 mm, 125 mm, FME HC N not 85 mm, FMB 90° only 105 mm and 125 mm
- » Clear, full-surface view of the panel boxes with contra installation thanks to the use of panels without an additional groove for the ceiling and wall bracket
- » Centre box caps with milled edge in sizes 95 mm, 105 mm and 125 mm for panel box versions 45°, 90° and HC N for coupling with different element heights when using heroal VS Z and heroal VS, not for heroal GR 25



heroal FME HC N front-mounted box

- » Simplified processing of the profiles thanks to the integrated screw channels enable greater widths due to the additional stability in the panel box
- » The downwards demountable FMB 105, FMB 125 mm panel box system contains a roller capsule with offset catch for heroal VS Z
- » heroal GR 37 guide rail can be fully plastered in for heroal VS Z
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

## Guide rails

Functional guide rails



heroal offers a wide range of guide rails for the heroal VS Z, heroal VS Z EM, heroal VS Z corner solution and heroal VS Z OR sun protection systems that let you achieve the perfect solution for every installation situation. The extremely stable extruded rails made of high-quality aluminium are equipped with rolled-in inserts to ensure maximum stability. The guide rails for the heroal VS Z are available in view widths of 25 mm, 37.5 mm and 60 mm (double guide), where the narrow 25 mm view widths create a harmonious design in combination with the heroal C 50 curtain wall system.

For easy installation of the heroal VS Z R vertical blind for patio roofs, the guide rails can be detached from the motor mount and the roller capsule mount.

### System sizes and system features

- » Narrow heroal GR 25 guide rail with 25 mm view width for all installation types, except for contra installation
- » heroal GR 37 with interior cover cap construction that can be fully plastered over
- » heroal GR 37 2-piece for concealed screw connection for all types of installation
- » Double guide rail, 60 mm wide for heroal GR 37

- » Easy to clip open the 2-piece guide rail on the wall installation profile
- » Double profiles available for all guide rails
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

## End slats

Functional end slats



End slat type I



End slat type II



End slat type III

heroal offers three different types of end slats for the sun protection systems (heroal VS Z, heroal VS Z EM, heroal VS Z corner solution, heroal VS Z textile assembly, heroal VS Z OR, heroal VS C and heroal VS). The extruded aluminium end slats with different geometries ensure that the textile is under continuous tension. Depending on the height and width of the element, end slat type I, type II or type III can be selected to achieve an optimum textile tension.

In the heroal VS Z OR vertical blind, the end slat can be retracted completely into the panel box for an exceptionally refined look.

### System sizes and system features

- » Versions: type I, type II and type III
- » Optimised textile tension and reduced creasing with the new end slat type III for particularly narrow and particularly wide elements with the use of 1 or 2 weights as well as the rectangular hollow section for heroal VS Z
- » Identical view heights of end slats type II and type III so they can be installed in combination

## Panel boxes, guide rail and end slats

For heroal HS



Panel box, two-piece



Guide rail, one-piece



End slat type I

The heroal HS horizontal blind is delivered as a prefabricated kit (heroal Ready), which can be directly installed and retrofitted as necessary. The pretension and belt slot are already pre-installed in the as-delivered condition for rapid initial operation. The zip-guided tensioning system together with the end slat ensures an optimum textile tension.

The panel box of the heroal HS horizontal blind protects the textile from the weather when retracted.

The extruded guide rails hold the belt and are attached to the roof construction with crossbars. A new guide rail and crossbar concept allows several systems to be installed next to each other: for wide patio roofs, the individual systems are attached to a rafter with a centre crossbar, which allows any number to be joined as required. The slotted holes in the mounting bracket make it easy to create expansion joints to absorb the linear expansion. A special universal crossbar also allows the heroal HS to be installed on patio roofs made by other manufacturers.

The two-piece, extruded aluminium end slat ensures a consistent stressing of the textile and provides easy access to the tensioning system. Depending on the width of the element, end slat type I or type II can be selected to achieve an optimum textile tension.

### System sizes and system features

- » Cubic box design: 90°
- » Panel box with small dimensions of 192 x 162 mm for mounting the textile roller shaft
- » Guide rail view: 55 mm
- » End slats: type I or type II
- » Easy access to the tensioning system thanks to the two-piece end slat
- » Fast initial operation, as the pretension and belt slot are already pre-installed in the as-delivered condition
- » High-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier for the aluminium components

## Textile and colour selection

Maximum design freedom

For a pleasant room climate and different needs and requirements, heroal offers a high-quality and diverse selection of textiles: over 250 fabrics are available for selection, with varying colours and amount of light transmittance – from semi-transparent to opaque.

The **“Sergé & Satiné”** fabrics consist of woven and coated glass fibres – the glass fibre core and PVC coating make the textiles extremely supple, creating a pleasant atmosphere and ensuring a clear view of the outside.

The **“Soltis”** fabric for exceptional shape retention. The textile is pulled in both directions under high tension and fixed in place with liquid PVC. The high textile tension makes the fabric ideal for shading large areas and for complete room darkening.

The **“Flexilight 6002 Opaque”** fabric is particularly resistant to UV radiation and has a dirt-repellent texture – so it keeps its good looks even after many years of use. The PVC fabric is phthalate-free, very easy to process and extremely flexible.

The **“Orchestra”** fabric is woven from spun-dyed acrylic fibres and provides optimised performance features in terms of colour stability, resistance level and sun protection. The exclusive “Cleanguard” coating makes these textiles exceptionally water- and dirt-repellent.

The **“Sergé BO Lunar and Solar”** blockout fabrics have a darkening effect. Both also repel humidity thanks to a full-surface PVC foil. The BO Lunar textiles provide complete darkness while the BO Solar textiles have a translucence with an opening factor of 3%. heroal IS insect screen fabrics can also be used. In addition, a PVC viewing window can be integrated on request (**Crystal**). For a completely individual design, customised printing is also available (on request).

For the aluminium components of your textile screen you can choose from all shades in the RAL colour range, Les Couleurs® Le Corbusier and heroal SD surface designs with wood, concrete or rust looks.

### Trend textiles

For the sun protection systems we offer 15 selected trend textiles with short delivery times:



You can view the full selection of textiles in textile fans. The textile colours shown here may differ from the originals for printing reasons.

## heroal Ready

Service offer for finished elements from the roller shutter, sun protection and roller door product areas



To enable short delivery and response times and even greater individuality for customers, heroal also offers its roller shutter, sun protection and roller door systemware components as prefabricated finished elements. heroal takes over the fabrication and delivers tested finished elements made entirely from heroal components.

- » Prevention of capacity bottlenecks
- » Higher availability and flexibility
- » Short delivery times and maximum delivery reliability
- » 100 % heroal quality Made in Germany
- » 100 % reproducible thanks to the use of heroal components

### Finished elements that are easy to configure and order



The configurator in the heroal Communicator lets you quickly and easily configure finished roller shutter and sun protection elements. Create a customised product configuration and you will quickly receive an offer for yourself as well as an offer that you can forward directly on to your customer. That's how the heroal configurator supports an optimised order process. Potential errors are avoided and the automated order and offer creation simplifies the processes. In addition, all the data is always up to date.

# The heroal all-round service

Support across the entire process chain

**Comprehensive support. Comprehensive satisfaction.**

Success is when every cog is perfectly in sync to ensure that everything runs smoothly. So we have designed our service offers to provide optimum support in every aspect of your work. From marketing through to planning and production as well as application, our comprehensive service supports you along the entire process chain.



**01 Marketing and sales**

- > Print products
- > Advertising materials
- > Lead generation
- > Website kit
- > Front door configurator
- > Email marketing
- > Events
- > Exhibition concepts
- > HR marketing

**02 Planning and offer**

- > Planning tools
- > BIM/CAD data
- > Online configuration and ordering
- > Electronic ordering (EDI)
- > LogiKal and PICOS Support
- > Construction consulting
- > Development for commercial buildings
- > Digital product information and test certificates

**03 Logistics**

- > Short delivery times
- > Maximum delivery reliability
- > Batch delivery
- > Personal contact with the driver
- > Building-specific packaging concepts
- > Protective foil on profiles
- > Return acceptance of packaging material

**04 Production**

- > Profile bonding
- > Surface coating
- > Profile bending and sheet metal processing
- > Documented quality/quality line
- > Cutting service
- > Prefabricated assemblies and finished elements
- > Machines and tools
- > Machine and tool repair service

**05 Application**

- > heroal Smart Living
- > Building references
- > Reference photo-shoots
- > Digital maintenance instructions
- > Support Hotline
- > Application engineers



**06 Support and service**

- > heroal Communicator
- > heroal Academy
- > heroal App
- > Technical consulting

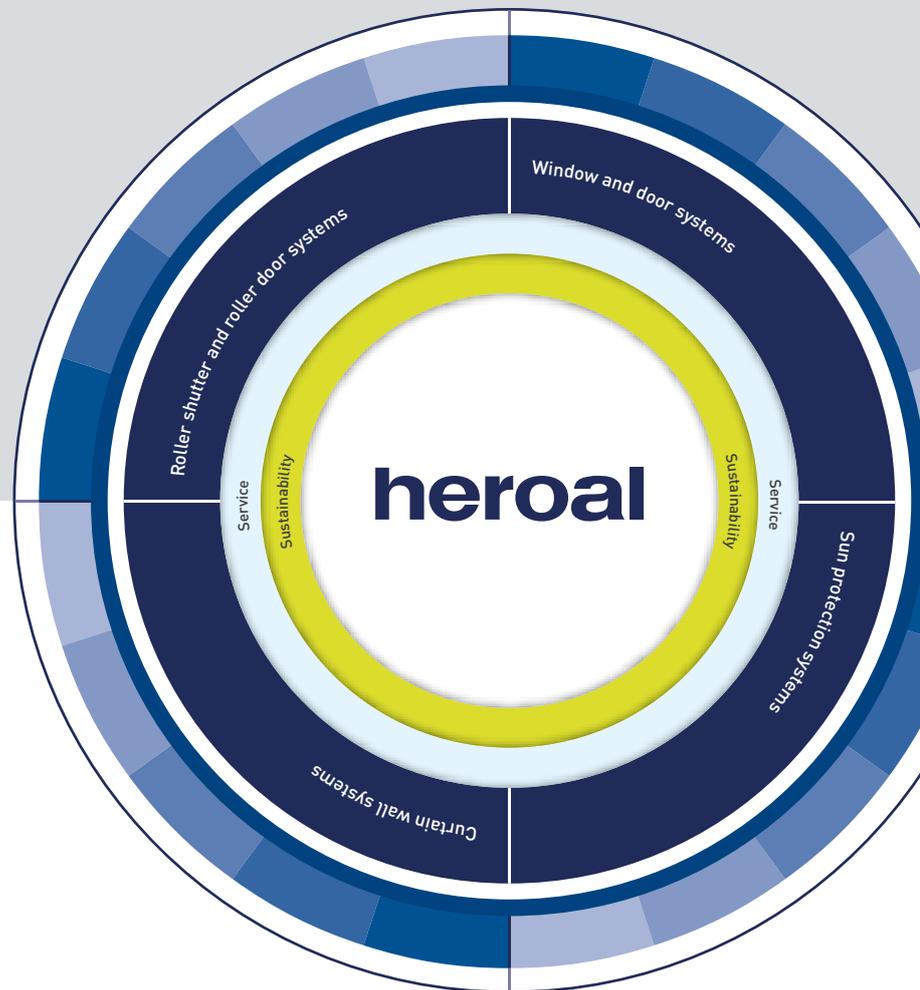


# heroal – the aluminium systems supplier

As a leading aluminium systems supplier, heroal develops and produces perfectly coordinated systems for windows, doors, curtain walls, roller shutters, roller doors and sun protection, complemented by folding and sliding shutters, insect screens, patio roofs and carports. By minimising energy consumption in production and maximising energy conservation in use, heroal system solutions make a vital contribution to the realisation of sustainable building – combined with maximum efficiency in the installation of the systems and the enhancement of the value of buildings.

## Innovation, service, design, sustainability

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



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

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