

Ultra modern protection from prying eyes, glaring light and sun with textile screens by heroal

Sun shade for sunny days.



heroal



ALL-ROUND COMFORT FOR YOUR HOME.

Modern sun protection systems are all-rounders: inside, they provide for a pleasant room climate and glare-free illumination, outside they match the looks of the building and resist the most extreme weather conditions. With the innovative sun protection by heroal, made from durable textiles and strong aluminium, you can enjoy all the advantages of modern sun protection - and rely on them for many years.



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EFFECTIVE PROTECTION FROM GLARING LIGHT: ENJOY THE SUN WITHOUT LIMITATION

External sun protection by heroyal protects you from glaring sunlight at work or during a rest period - while still letting in natural daylight for you to enjoy.





This textile sun protection is installed outside, in front of the window. Depending on the fabric chosen, the sun protection can be either transparent or non-transparent. The textile reflects and absorbs sunlight, thereby reducing sun radiation by up to 75 %. That means you do not have to go without natural daylight. At the same time, UV-radiation is filtered by up to 98 %.

Daylight is important for our wellbeing. With the bespoke textile sun protection for outside installation by heroal, you can set unique accentuations of light and create a pleasant room atmosphere. Independent of whether you would like to work at your desk or have some time to relax after a long day – the textile sun protection makes it possible to use natural daylight to illuminate the room perfectly without being blinded by direct sun radiation.

Textile sun protection is extremely flexible, especially long-lasting and invariably high-end.

COMFORTABLE CLIMATE: IN SUMMER AND IN WINTER

Great for your room climate: the installation of external sun protection, in front of your windows, curtain walls, patio doors or conservatories, is especially efficient at keeping the heat out in summer and the warmth in in winter.





You can create a comfortable room climate with perfect sun protection – in summer, the textile screen by heroal offers optimal protection from heat, and in winter, it makes sure that a warm ambiance is maintained inside. In fact, sun protection systems installed outside are more efficient than those installed inside. The textile positioned in front of the window outside reflects and absorbs the sun radiation before it hits the glass. That prevents your rooms from heating up and your home from turning into a greenhouse.

At night, the loss of heat from the inside to the outside can be reduced by lowering your outside sun protection. The energetic impact can be seen from the Energy Label of the German testing institute ift Rosenheim. So you can save energy cost and at the same time benefit from a comfortable room climate – in every season.

In cooperation with ITRS e.V., the German industry association for technical textiles, roller shutters and sun protection, the German testing institute ift Rosenheim has revised the **Energy Label** for windows, in order to create more transparency for planners and consumers. The label shows the contribution of rollers shutters and sun protection to the energy balance of a building, and also explains the **energy savings**. You can be sure to achieve an improved energy efficiency class with sun protection systems by heroal.

PROTECTION FROM PRYING EYES: BECAUSE YOUR PRIVACY MATTERS

Your own home is your comfort zone, where you would like to live and work without being overlooked. Sun protection systems do not only protect you from direct sun radiation, but also from unwanted prying eyes.





Bright, light-filled living rooms with large-surface windows and patio doors have become a standard feature of modern architecture. At the same time, we would like to work at our desks and read or watch TV without being visible from outside. We would like to protect our privacy and maintain our home as our most important sanctuary, offering the quality relaxation time we need.

For this purpose, textile sun protection by heroal offers the perfect fine-tuning of transparency and protection from view. It protects reliably from prying eyes, while still letting in natural daylight into your living area. Allow yourself the timeout you need, without having to go without natural daylight.

DESIGN: INDIVIDUAL LOOKS

Your home mirrors your personality. So it is good to be able to actively decide on the details of the facade of your house and interior rooms – including your sun protection system, which can be adapted to the look of your windows and doors.

Whether you would like to refit your home with textile screens during renovation or integrate them directly into your new building – textile sun protection by heroal is suited for every construction situation and a variety of installations, such as to the outside of windows, facades, patio doors or conservatories. When it comes to installation variants, you can choose between a **surface-mounted box** or a **flush-mounted box**. A surface-mounted box is visibly installed on top or in front of the window, a flush-mounted box is integrated into the facade, invisible under plastering or clinker bricks.



installation variant with a surface-mounted box



installation variant with a flush-mounted box

The installation variant with a surface-mounted box provides for **90°**, **45°** and **half-round box designs**, each of them available in different sizes.



90° box design



45° box design



half-round box design

Textile screens by heroal can be manufactured in different designs and sizes, meeting your individual needs. Even really large glass panes up to 16.4 ft wide or high and a maximum surface of 161 ft² can be covered, if required.

Thanks to the extensive range of designs, you can create the ideal textile screen to meet your every requirement: for the aluminium parts of your textile screen, you can choose from all colours of the RAL colour chart, the Les Couleurs® Le Corbusier shades and heraal SD surface designs with wooden or concrete effects. Regardless whether you prefer a shiny eye-catcher or a tone-in-tone design - you can choose from a wide variety of colours and six different fabrics for the textiles:

The fabrics **„Sergé & Satiné“** are made of woven and coated glass fibres – thanks to the glass fibre core and the PVC coating, the fabrics are very smooth, create a comfortable atmosphere and ensure a clear view to the outside.

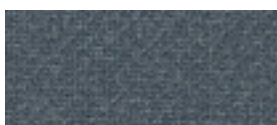
The fabric **„Soltis“** is especially shape-retaining. Under high tension, the textile is stretched in both directions and then fixed using liquid PVC. Because of the high textile tension, this fabric is especially suited for covering large surfaces and a complete room darkening.

The fabric **„Starscreen“** has a comfortable translucency due to its unique, open weave, reflecting 97 % of sun radiation. This textile is PVC-free and, because of its special TEFLON® coating, very easy to clean.

The fabric **„Vuscreen“** offers effective protection from heat for every glass surface due to its special pigmentation of encapsulated aluminium particles, completely PVC-free. The fine pigments reflect infrared radiation, thereby reducing the transmission of thermal energy by up to 70 %.

The fabric **„Flexilight 6002 Opaque“** is extremely resistant against UV radiation and has a highly dirt-repellent texture – which ensures appealing looks even after years of use. The PVC fabric is phthalate-free, very easy to process and also very flexible.

The fabric **„Orchestra“** is woven from spun-dyed acrylic fibres and offers ideal performance features when it comes to colour retention, resistances and sun protection. The exclusive „Cleangard“ coating makes these textiles extremely water- and dirt-repellent.



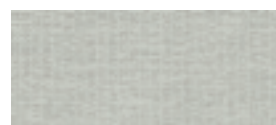
2479 Carbon



2464 Steel



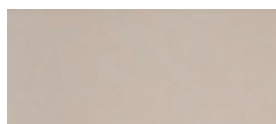
2304 White aluminium



2389 Gravel



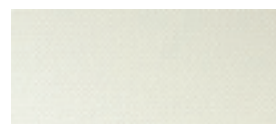
2439 Ash



2497 Greige



2374 Sand beige



2482 White

You can see the complete range of colours from our colour fans available. For printing reasons, the colours shown here may differ from the original colours.

COMFORT: SMART CONTROL WITH SENSORS

Away during a storm? No problem, your sun protection knows when it is time to retract. Thanks to electric control and smart sensor technology, it automatically adapts to changing weather, without any need for you to intervene.

Sun protection by heroal is equipped with a standard electric control. It provides for an automatic opening and closing of the sun protection. For this purpose, sensors, radio transmitters or apps can be used. The electronic control increases the ease of use, saves energy and ensures a long life-cycle of your sun protection. Combined with a sun sensor, your sun protection opens or closes depending on the angle of incidence of the sun's rays. This way, a comfortable room climate is created all-day, without the use of air conditioning. This saves energy and cost. Combined with a wind sensor, the sun protection retracts automatically into the box if a specific wind intensity is reached.

In addition, you can integrate the control of your heroal textile screen into your smart home system. That way, you can always keep an eye on shading your rooms and, if required, open or close your textile sun protection on your way.

The **radio transmitter** enables you to open and close the sun protection conveniently at the push of a button - via your central control, wall-controller or remote control.

The **sun sensor** reacts to the intensity of sun radiation and opens or closes automatically. This enables you to make considerable savings in energy cost.

The **wind sensor** reacts to wind intensity. Depending on its strength, the sun protection opens or closes automatically, ensuring a longer life-cycle of the product.





EQUIPMENT: PERFECTION IN THE DETAIL

Thanks to transparency or room darkening, electronic control and long-lasting reliability, textile screens by heroal, almost on their own, ensure that you always benefit from an ideal room climate and glare-free daylight.



Components

- robust aluminium parts: box panels, end strip and guide rails
- elegant sun protection textile

Features

- especially robust and safe
- withstands wind speeds of up to 90 mph
- highly weather-resistant, hail-resistant
- reliable protection from prying eyes, glaring light and heat
- helps to save energy cost
- also protects from insects

Design

- highly weather resistant heroal hwr-powder coating for the aluminium parts: all colours of the RAL chart, heroal SD surface design and Les Couleurs® Le Corbusier shades available
- six kinds of fabrics available, offering different transparencies, performance features and wide range of colours

Sizes

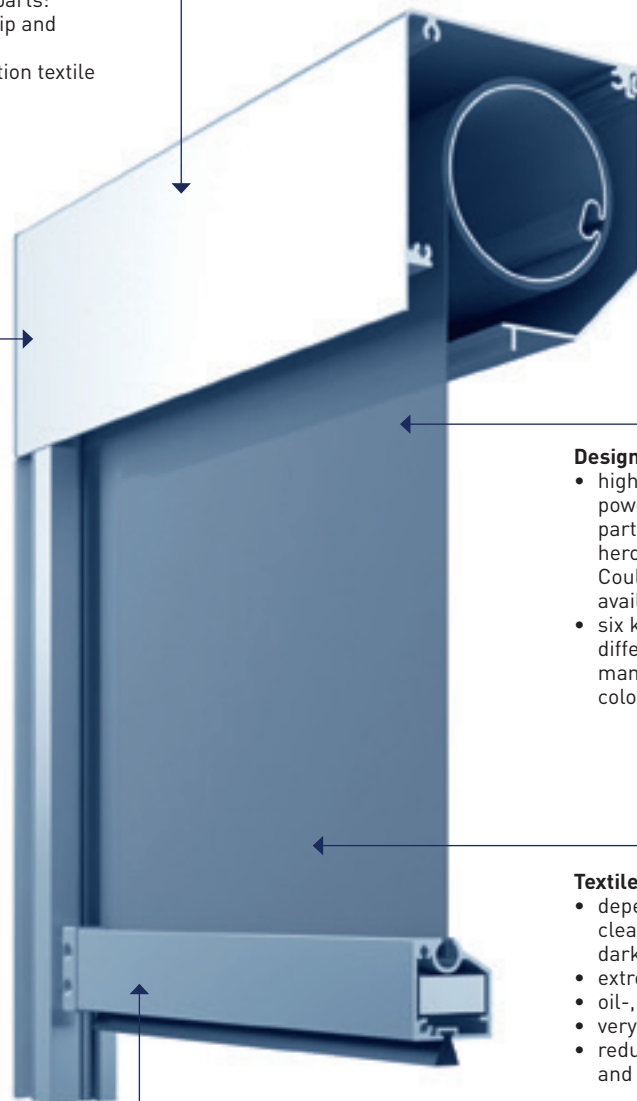
- especially space-saving due to low winding diameter, installation possible for all kinds of buildings
- the small box does not impair the view out of the window
- sizes up to 16.4 ft wide or high are possible
- shading of large glass surfaces up to 161 ft² is possible

Automatic control

- electric control comes as a standard
- control via sensors, radio transmitters or apps
- increases ease of use, makes savings of energy and cost possible
- ensures a long serviceable life

Textile fabric

- depending on the chosen textile, a clear view or a complete room darkening can be achieved
- extremely robust
- oil-, dirt- and water repellent
- very shape-retaining
- reduces sun radiation by up to 75 % and filters 98 % of UV radiation



Made from sturdy aluminium in combination with special woven and coated textile screens, sun protection by heroal is weather-resistant, low-maintenance and very long-lasting. Only high-end material is used for manufacture – aluminium is almost maintenance-free, robust and easy to clean even after decades of use, thanks to its natural protection from corrosion and the high material stability. The textiles are highly weather-resistant and robust as well. They stand out because of the wide range of fabrics and colours with high UV resistance, and they are permeable to air but also dirt-, oil- and water-repellent as well as mildew resistant.

Depending on the chosen textile, sun radiation may be reduced by up to 75 %, or completely blocked out in the living rooms. Choose from the following three textile screen systems:



heroal VS Z



heroal VS C

Due to the system of holding the textile in the guide rails by means of a zip technology, **heroal VS Z** offers increased stability and resistance to wind speeds of up to 90 mph. With **heroal VS C**, the textile is guided via stainless steel ropes on the sides. It is especially suited for regions with low wind load resistance requirements.



heroal VS Z zip technology

Thanks to the zip technology, the sun protection is very robust - in addition to the sturdy guide rails, the zips fixed to the sides of the textile ensure perfect stability. By this, a reliable guidance and long-lasting functionality can be ensured.



sun protection

Joe Smith



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We design, supply and install

- windows
- doors
- curtain walls
- patio roofs

Get to know us and convince yourselves.

sun protection Jow Smith

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Individualization for heroal customer

heroal develops and produces high-quality and innovative aluminium system solutions for **roller shutters, sun protection and roller doors**.

heroal systems set standards in terms of innovation and „Made in Germany“ quality and have received several awards.

www.heroal.us