



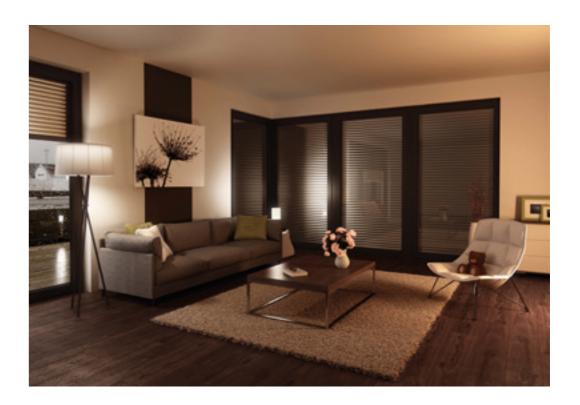
SET LIMITS. EXACTLY AS YOU NEED THEM.

The place where you feel secure: your home. Roller shutter systems by heroal offer privacy protection and keep out exterior influences such as noise, heat and stormy weather. heroal roller shutter solutions are made from high-quality aluminium and optimise both energy efficiency and sustainability of your building – that way making your home your personal comfort zone.

- O4 Protection against burglary: at the push of a button
- 06 Protection against weather: not extra, but included
- 08 Energy efficiency: begins in front of your window
- 10 Privacy: to your preference
- 12 Installation: maximum flexibility
- 4 Quality: keeps its promise

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In private residential buildings, with little burglary protection, the offender gains entry **through the patio door (41 %)** or **the window (40%).**

In 2017, almost 116,500 break-ins into German homes were recorded; however, the offenders were rarely identified. But burglars are increasingly stopped by home security systems. Investments in burglar-resistant equipment pays off. The high-quality roller shutter systems by heroal contribute significantly to effective protection against burglary.

heroal safe and heroal safe light are two systems offering increased protection against burglary. Pushing the curtain up or lifting it out is made more difficult because of the push-up safeguard "Click Stop" and an especially sturdy guide rail. All components of the safety roller shutters are made of aluminium or stainless steel with extra robust wall thicknesses. As an option, standard roller shutters can also be equipped with the certified additional components. All heroal roller shutters can be supplied with a convenient automatic control.

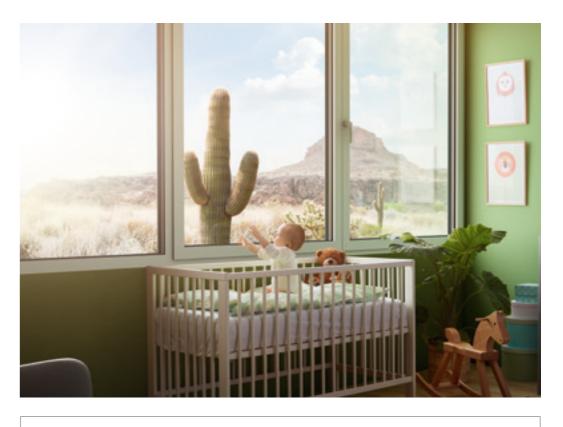
> for more security details, please see page 14

Resistance classes (RC) are an indicator of effective protection against burglary: RC 1 (basic protection) up to RC 4 (high protection), which can withstand experienced offenders using cordless electric drills. heroal systems have been certified up to resistance class RC 3 – the combination of a heroal window with a stainless steel roller shutter has even been granted RC 4 certification.



ENERGY EFFICIENCY: BEGINS IN FRONT OF YOUR WINDOW Benefit from effective protection against heat in the summer, at night, easily, and noticeably.





The heat lost at night can be reduced by up to 56 % if the roller shutter is

* Source: Bundesverband Rolladen und Sonnenschutz, a German federation for roller shutters and sun protection

In the summer, heroal roller shutters turn your rooms into cool places and ensure an optimal interior climate – they can also be equipped by sensors, closing roller shutters automatically in case of excessive sunlight.

In the winter, heroal roller shutters contribute to heat insulation – during cold nights, they help to reduce the loss of energy considerably, owing to the air cushion between window and roller shutter. Combined with heroal windows, the heat lost at night can be reduced by up to 56 %.

In some countries, special subsidies are available for refurbishments, e.g. if new roller shutters are installed for the first time or existing ones are replaced. There are also some regional or local support programmes for energy-efficient renovations. To apply, you may need documentation supplied by an energy consultant. Mit dem Förderabfrage-Tool von heroal finden Sie genau die Fördermittel, die zu Ihrem Bauvorhaben passen: www.heroal.de/foerderabfrage

PRIVACY: TO YOUR PREFERNCE

Your home is your sanctuary – and a feeling of security will be the basis for you to have a relaxing time.

Unwanted prying eyes, looking into your home, can be blocked off easily by pulling down your roller shutters.



At home, more than 40 % of all Germans feel observed by their neighbours. Almost all of them see this as an intrusion into their privacy.

* Source: study by ImmobilienScout24

Nowadays, a lot of builders favour extensive glazing, which has become one of the standard features of modern architecture. At the same time, owners wish to maintain the privacy of their own home and seek to block off any view into their home from the outside world. In the end, privacy protection is the decisive factor of whether or not you can feel "at home" in your home.

Roller shutters offer a flexible and reliable visual protection from prying eyes that you can employ whenever you either wish to shut off the outside or would like to protect your home. They are a particularly suitable solution for urban areas, where neighbours live closely together due to the greater population density.





heroal roller shutters can always be perfectly integrated into the architecture of your house: you can create both classic and modern solutions using our different box systems. Surface-mounted box systems may match the colour of your façade or contrast it, top-mounted box systems are mounted on the window and in-wall cover systems are hidden, fully integrating into the façade appearance.

A number of different guide rails supplement the range of products. They help to create tailor-made solutions for every installation situation. Heavy-duty angle end strips made of aluminium ensure a tight, heat insulating edge at the bottom of the roller shutter. An insect screen, which can be integrated into the roller shutter box, is one of our innovative system solutions. The roller shutter components of all our systems are available with heroal hwr powder coating or heroal 2-layer thick coating. A big advantage for all three installation variants is the palette of high weather resistant coatings: it is available for cover systems, guide rails, roller shutter slats and end strips – for identical looks.

Surface-mounted cover systems: installation on the façade or in the reveals

Especially suited for retrofitting or refurbishment, colour adjusted to your façade or window, angular, semi-



rounded or quarterrounded form

In-wall cover systems: installation integrated in façade

Optimised heat insulation, increased soundproofing, installation possible into all standard thermal installation systems, plaster support profiles available

with 20°, 45° and 90° pitch

Top-mounted cover systems: installation on standard windows

Suited for newbuilds and renovation due to different box sizes flexible and adjustable use

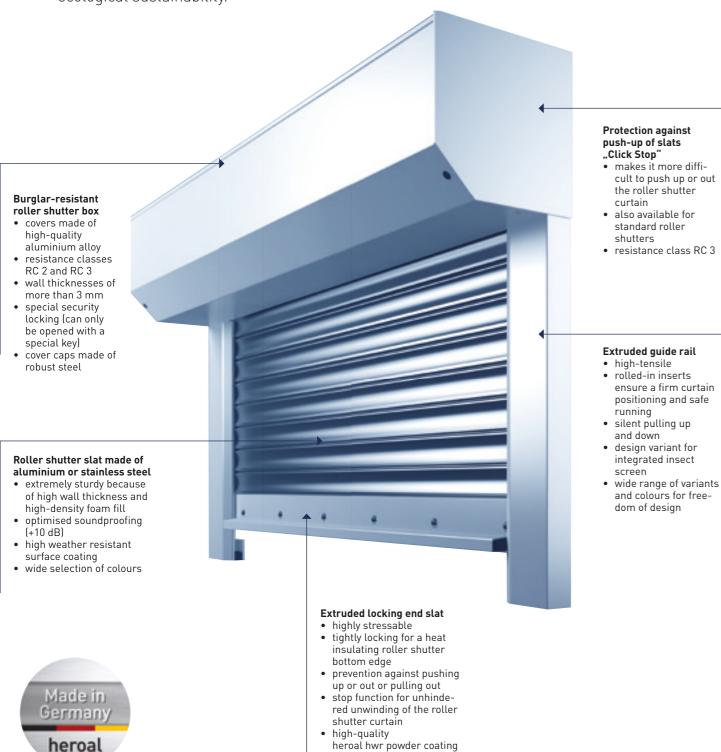


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QUALITY: KEEPS ITS PROMISE

Why heroal roller shutters are made from aluminium or stainless steel?

Because these are the ideal materials for this product. They offer you the best where functional features, good looks and durability are concerned – as well as ecological sustainability.



• resistance class RC 3







Tailor-made solutions for small or large openings, increased security requirements or limited space – heroal offers a diverse range: from a roller shutter slat with only 32 mm covering width to a slat for very large openings or high-tensile slats made from stainless steel alloys.



heroal RS 37 RC 3

heroal RS 32

heroal RS 54

heroal roller shutters perfectly match the architecture of your house. Surface-mounted cover systems (available in a round or angular form) may match the colour of your façade or be in an exciting contrast to it, in-wall systems are hidden and fully integrate into your

façade.



heroal FMR 45°



heroal FMR HC



heroal FMR 20°



heroal FMR Q

16 white 20 natural 53 anthracite 18 grey

03 Kö-white 32 light beige 10 grey aluminium 88 ice-grey

First-class refined surfaces:
As required for your roller shutter
system, the colour of your components
is designed and protected by either
the heroal 2-layer thick paint or the
high weather resistant hwr powder
coating. All shades of the RAL colour
palette as well as all colours of the
Les Couleurs® Le Corbusier range are
available. Powder coatings also offer
different gloss levels.

Roller shutters made from aluminium and stainless steel are very durable. Their long life is the result of the weather resistance, their natural protection against corrosion and the high stability of the material. Even endless pulling up and down the shutters causes only minimum wear. As a result, your heroal roller shutters are almost maintenance-free, even if used for decades. Both aluminium and stainless steel are robust materials and require only little cleaning and care.

Due to the fact that aluminium and stainless steel roller shutters by heroal are especially durable and have a long lifespan, they meet all criteria for sustainability and energy-efficient construction.

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The heroal promise

When it comes to how we live and work, the most important thing is having choices. heroal knows that. As a family-run company with more than 140 years of experience, we believe that when it comes to quality, there are no compromises. That is why our products give you a way to create ideal solutions for nearly any requirement. As a technology leader, we believe that quality means more efficiency, more reliability and more performance – solutions that are "SIMPLY. BETTER.".

- ✓ over 3,500 specialist partners worldwide
- ✓ products with tested quality
- ✓ family-run company with a long tradition
- ✓ made in Germany
- ✓ personalised design
- ✓ comprehensive range of services
- ✓ superior technical solutions



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

heroal systems set standards in innovation and quality "made in Germany" and have received numerous awards.