

Security and Comfortable Living with
Aluminium Roller Shutters by heroyal

Feeling totally secure
at home.

heroyal



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.

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PROTECTION AGAINST BURGLARY: AT THE PUSH OF A BUTTON

A burglary of your home not only constitutes a damage, because of the material loss you suffer, but the intrusion into your privacy also represents a very unpleasant experience.



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 heroyal contribute significantly to effective protection against burglary.

heroyal safe and heroyal 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 heroyal 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. heroyal systems have been certified up to resistance class RC 3 – the combination of a heroyal window with a stainless steel roller shutter has even been granted RC 4 certification.

PROTECTION AGAINST WEATHER: NOT EXTRA, BUT INCLUDED

Extreme weather events are increasing – and flying branches or hailstorms can cause extensive damage to windows and roller shutters. A safe protection of the building envelope pays off in the long run. Our protection against weather comes as standard – with tried and tested, certified products by heroyal.

In **2017**, damage to roofs, façade and roller shutters caused by squalls or hailstorms amounted to around **610 million euro**.

Feeling fully at ease: heroyal roller shutters resist wind loads, are corrosion proof und von externen and have been certified by external institutes. A decisive factor is the so-called hail resistance test: ice balls of various sizes are fired at different speed towards our products when tested.

Important for builders: the hail resistance class. Starting at class HW 1, which withstands ice balls with a diameter of 10 mm, up to class HW 7, which can withstand ice balls with a diameter of 70 mm. Depending on individual requirements, HW classes of heroyal systems range between 3 and 7. Owing to the high-quality heroyal surface coating, the colouring of our roller shutters is not affected, even under extreme conditions.

ENERGY EFFICIENCY: BEGINS IN FRONT OF YOUR WINDOW

Benefit from effective protection against heat in the summer, turning your rooms into cool places and ensuring an optimal interior climate – with aluminium roller shutters by heroal. During the winter months, they help to reduce the heat lost at night, easily, and noticeably.



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

* 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 PREFERENCE

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.



INSTALLATION: MAXIMUM FLEXIBILITY

You would like to equip your own house the best way? The heroal range of roller shutters offers you the ideal solution for every installation situation – independent of architectural style, whether surface-mounted or as an in-wall cover system, or with an attachment box.



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 re-furbishment, colour adjusted to your façade or window, angular, semi-



rounded or
quarter-
rounded form

In-wall cover systems: installation integrated in façade

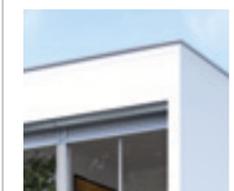
Optimised heat insulation, increased soundproofing, installation possible into all standard thermal installation systems, plaster support profiles available



with 20°, 45° and
90° pitch

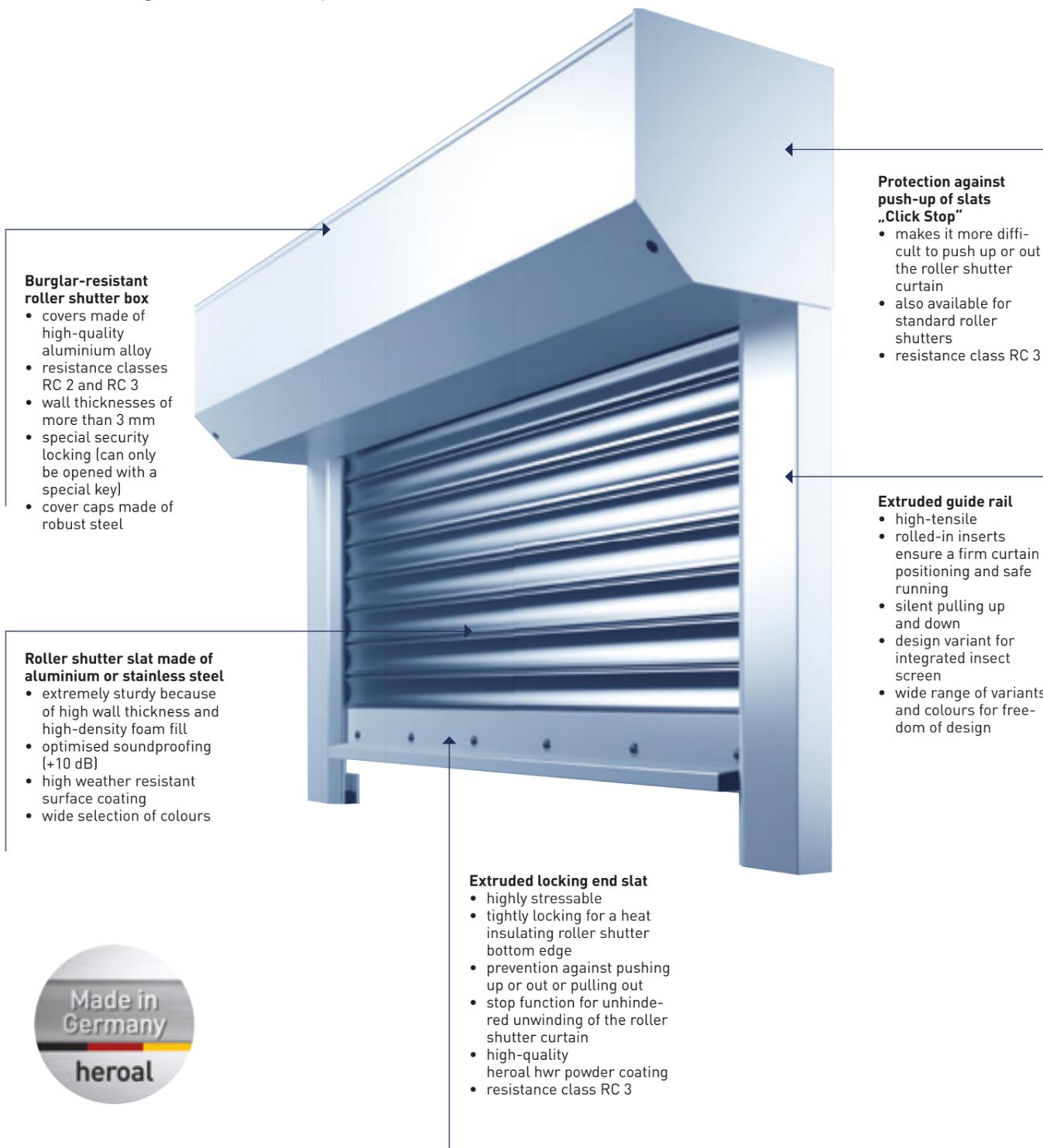
Top-mounted cover systems: installation on standard windows

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



QUALITY: KEEPS ITS PROMISE

Why heroyal 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.



Burglar-resistant roller shutter box

- covers made of high-quality aluminium alloy
- resistance classes RC 2 and RC 3
- wall thicknesses of more than 3 mm
- special security locking (can only be opened with a special key)
- cover caps made of robust steel

Roller shutter slat made of aluminium or stainless steel

- extremely sturdy because of high wall thickness and high-density foam fill
- optimised soundproofing (+10 dB)
- high weather resistant surface coating
- wide selection of colours

Protection against push-up of slats „Click Stop“

- makes it more difficult to push up or out the roller shutter curtain
- also available for standard roller shutters
- resistance class RC 3

Extruded guide rail

- high-tensile
- rolled-in inserts ensure a firm curtain positioning and safe running
- silent pulling up and down
- design variant for integrated insect screen
- wide range of variants and colours for freedom of design

Extruded locking end slat

- highly stressable
- tightly locking for a heat insulating roller shutter bottom edge
- prevention against pushing up or out or pulling out
- stop function for unhindered unwinding of the roller shutter curtain
- high-quality heroyal hwr powder coating
- resistance class RC 3



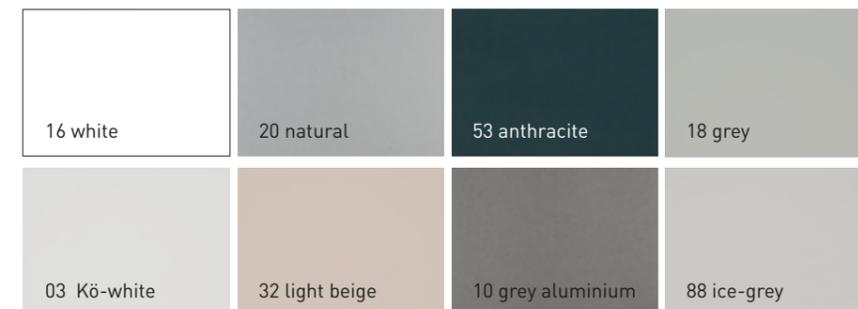
heroyal RS 53 RC 2 heroyal RS 37 RC 3 heroyal RS 32 heroyal RS 54

Tailor-made solutions for small or large openings, increased security requirements or limited space – heroyal 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.



heroyal FMR 45° heroyal FMR HC heroyal FMR 20° heroyal FMR Q

heroyal 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.



First-class refined surfaces: As required for your roller shutter system, the colour of your components is designed and protected by either the heroyal 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 heroyal 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 heroyal are especially durable and have a long lifespan, they meet all criteria for sustainability and energy-efficient construction.



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.

www.heroal.com