



heroal Roller Shutter Systems

Secure, long-lasting and energy-efficient protection for you and your home

 **ULTRA-LITE**
shutters



Did you know that ...

- ... burglars breaking into poorly secured houses enter via patio doors 48 % of the time and through windows 32 % of time?
- ... interior shading reduces solar radiation by only 25 %, but good-quality roller shutters reduce it by 75 %?
- ... heat and cold enter a home primarily through the windows, but good-quality roller shutters can prevent the "energy flow" by up to 40 %?
- ... one in five people suffer from sleep disorders because of noise – but when down, roller shutters can reduce outside noise by up to 10 dB?

Whether you use a roller shutter for light reduction, insulating, noise reduction or burglary deterrent, you will always receive quality products to meet your needs.





heroal roller shutters are true energy savers

With heroal roller shutter systems, room temperature can be optimised without loss of energy at any time of the year. In the winter, they act as heat insulators, while in the summer they ensure cool rooms and a pleasant indoor temperature.

The addition of heroal roller shutters can reduce heat loss at night by up to 44 % when the shutters are down. Moreover, since heroal aluminum roller shutters are especially durable and long-lasting, they also meet all the criteria for sustainable and energy-efficient construction.

The benefits for you

- » Effectively increase privacy while reducing noise
- » Up to 44 % energy conservation
- » Wide range of designs to choose from
- » Optimum solution, whatever the situation

Excellent protection – and not just against wind and hail

heroal roller shutter systems help to make you feel secure and at ease:

Sun protection: Regulate room temperature and protect furniture, flooring and plants from strong solar radiation.

Soundproofing: So that you fall asleep easily and get a good night's rest.

Enhanced Privacy: No nosy onlookers – create privacy and security.

Anti-glare protection: Prevent annoying reflections on all monitors, including on the TV.

Weather protection: heroal roller shutter systems withstand storms, hail, frost and extended periods of rain.

Protection against burglaries: Choose from materials ranging from soft foam slats to hardened resin security slats. Deters burglars from targeting your property and acts as an effective hindrance if burglars do try to break in.



For the highest of demands

heroal roller shutter systems help to make you feel secure and at ease in your own home

heroal's durable, long-lasting roller shutter systems offer protection from the wind and weather, noise, insects and burglars – as well as saving energy. The aluminum profiles and other components come in a wide range of versions for almost every installation situation.

The modern design of the aluminum roller shutters adds value to the appearance of your property. Also handy: heroal roller shutter systems can be easily integrated into intelligent home automation systems and are easy to use – at the push of a button or preprogrammed. Activate the roller shutters from an

app while on the road, for instance, and you can look forward to a pleasant indoor environment when you get home.

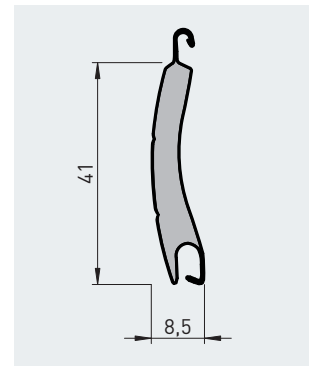
Discover heroal's long-lasting and energy-efficient aluminum roller shutter systems today.

The right roller shutter system for the job!

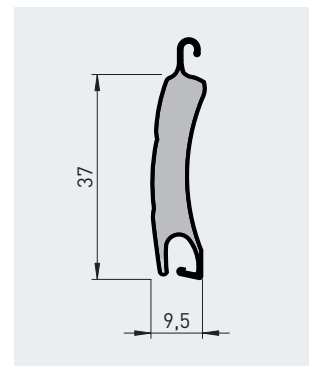
heroal offers a range of options when it comes to choosing your roller shutter system. Choose based on your optical and functional requirements whether you would prefer a short or wide coverage width. heroal has what you need whether you are looking for strong wind load protection, something that takes up little space or you require enhanced security.

Selected heroal roller shutter systems

- 1 heroal RS 41/ULTRA PROTECT 41 – tightly wound slats with large coverage width
 - » Especially sturdy – thanks to high wall thickness and medium – density foam fill
 - » roller shutter slat with low weight
 - » suitable for use in small roller shutter bores
- 2 heroal RS 37 RC 2/ULTRA SECURE 37 – security roller shutter slat
 - » with anti-burglary protection RC 2
 - » Especially sturdy – high wall thickness and high density foam fill
 - » Improvement of heat transfer coefficient by up to 41 %



1 ULTRA PROTECT 41 – medium density foam



2 ULTRA SECURE 37 – high density foam

A perfect fit for every home

High-quality panel systems, whatever the application

Update your home with a new roller shutter

A range of panel systems is available so that you can choose the roller shutters that perfectly match the architecture of your home. Whether for a new build or a subsequent renovation, whether round or angular, classic or modern – the quality is impressive each and every time. The strengths of our systems are their high level of durability and the wide range of situations in which they can be installed.

Front mounted panel systems take on the colouring of facades and windows or set a vivid, contrasting accent.

Various guide rails allow for perfectly tailored solutions for any installation situation.

The benefits for you

- » Individually tailored for each installation situation
- » Includes increased protection against burglaries
- » Each visual component in the same stunning colour





heroal FMR 45°

With its striking, five-cornered box shape, the roll-formed surface-mounted blind module heroal FMR 45° sets visual accents in the curtain wall. In addition, the 45° angle on the lower front of the box causes greater incidence of light into the rooms.

Design

- » Five-cornered surface-mounted blind with a striking look
- » Increased incidence of light due to the 45°-angle
- » Versatile installation options
- » Wide selection of colours
- » Highly weather-resistant surface finish with 2-layer thick coating
- » Hail Class 6
- » Noiseless curtain movement

Energy savings

- » Guide rails prevent heat bridges between the roller shutter curtain and the window frame, thus preventing energy loss

Security

- » Highly stable, extruded aluminium guide rails
- » Curtain is guided securely by rolled-in piping made of soft or hard PVC, or brush inserts
- » Stable curtain position

Design

- » Wide range of design options due to extensive selection of types
- » Design variants for integrated insect screen
- » Surface with high-quality heroal hwr powder coating
- » Wide selection of colours



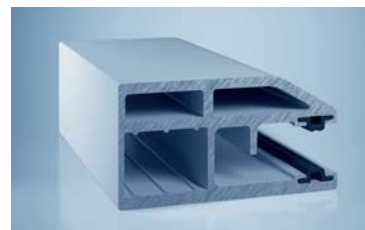
HTF



HTF 40



HTF V 40 N



HTF 40 Secure

Tested quality for a secure home

Why heroal roller shutter systems protect you and your home

Extreme weather demands secure protection for your home

heroal roller shutters are corrosion and wind load-resistant and certified by the German Institute for Tested Security. With such a quality product, you can feel at ease, in your own home, no matter the weather.



Extreme weather events can occur at any time. Hail and flying debris can cause severe damage to your property.

A decisive factor in the certification is the hail resistance test. The products being tested are "bombarded" with ice pellets of varying sizes and a range of impact velocities.

For builders and investors, these tests indicate the resistance level in hail resistance classes – from class 1, which withstands pellets with the diameter of a fingertip without damage, to class 7, which withstands dimensions similar to a tennis ball.

The tested heroal systems achieved levels between 3 and 7. Thanks to the high-quality heroal surface coating, colours remain intact even under these extreme conditions.





Increase in the number of domestic burglaries

The crime statistics show a worrisome increase in domestic burglaries and unfortunately the number of cases being solved is low. A positive aspect is that a good majority of these are only attempts, because burglars are hindered by security technologies. So prevention works – and with heroal roller shutters you can do a lot to prevent burglars.

Other heroal components ensure even greater security

heroal security roller shutters offer increased burglar protection or deterrents seamlessly build into the design. Standard roller shutters can also optionally be fitted with the tested additional components.

Pushing up or prising out the curtain is made more difficult thanks to the "Click Stop" anti-push-up device and solid,

extruded guide rail. All of the components of the security shutters are made of aluminum or high-grade steel with extra-strong wall strengths. Extruded end slats and roll framed panel systems also increase the level of security.

heroal offers a selection of additional security systems that match the architecture of your home. They can also easily be fitted retroactively.

The benefits for you

- » Corrosion and wind load-resistant
- » Hail resistance classes 3 to 7
- » Increased protection against burglaries



Attractive and long-lasting quality

Whichever heroal roller shutter system you choose, your satisfaction is guaranteed

Fade-resistant surfaces to suit every taste

With an aluminum roller shutter system from heroal, you can always be sure of long-term value retention. That's thanks to our high-quality finishing processes for the roller shutter slat surfaces and all other components. Regular inspections and certifications by independent testing institutes confirm this high quality standard. Depending on what the roller shutter systems are needed for, they are protected by either the heroal hwr (highly weather-resistant) powder coating or the heroal 2-layer thick coating.



heroal highly weather-resistant powder coating

This finishing process allows for vivid colours and strong visual-effects. It protects long-term against corrosion – including extreme environmental conditions – and offers excellent colour stability, gloss retention and weather resistance. For custom orders every nuance of the wide-ranging RAL colour chart is possible in glossy, matte, granular or brilliant shimmer.

heroal 2-layer thick coating

This finishing process is applied before the roller shutter slats or other components are roll-formed from aluminum profiles. The 2-layer thick coating allows for highly vivid, fade-resistant colours and particularly high abrasion and weather resistance. This quality impressed the experts at Germanischer Lloyd: they even certified heroal 2-layer thick coating for use on ships of all kinds in all waters.

Graffiti resistant

The Ultra Lite Anti Graffiti Coating is an environmentally safe, water based, polyurethane coating that can protect your product from unwanted defacement. A LEED Certified product that meets several environmental codes and is tried and tested to be graffiti, weather and chemical resistant.

The high quality of the coating is certified by a range of institutes.



The benefits for you

- » Intensive, fade-resistant colours
- » Durable and easy to clean
- » Sustainable and environmentally friendly
- » Highly UV-resistant
- » graffiti, weather and chemical resistant, Anti Graffiti Coating

heroal aluminum roller shutter systems –
secure, long-lasting and energy efficient

Let our products speak for themselves

We would be delighted to show you the high quality and the wide range of designs and functions of heroal roller shutter systems. Visit our showroom to see our product first hand. We look forward to welcoming you.



More information at:
www.heroal.us

ULTRA-LITE shutters



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