

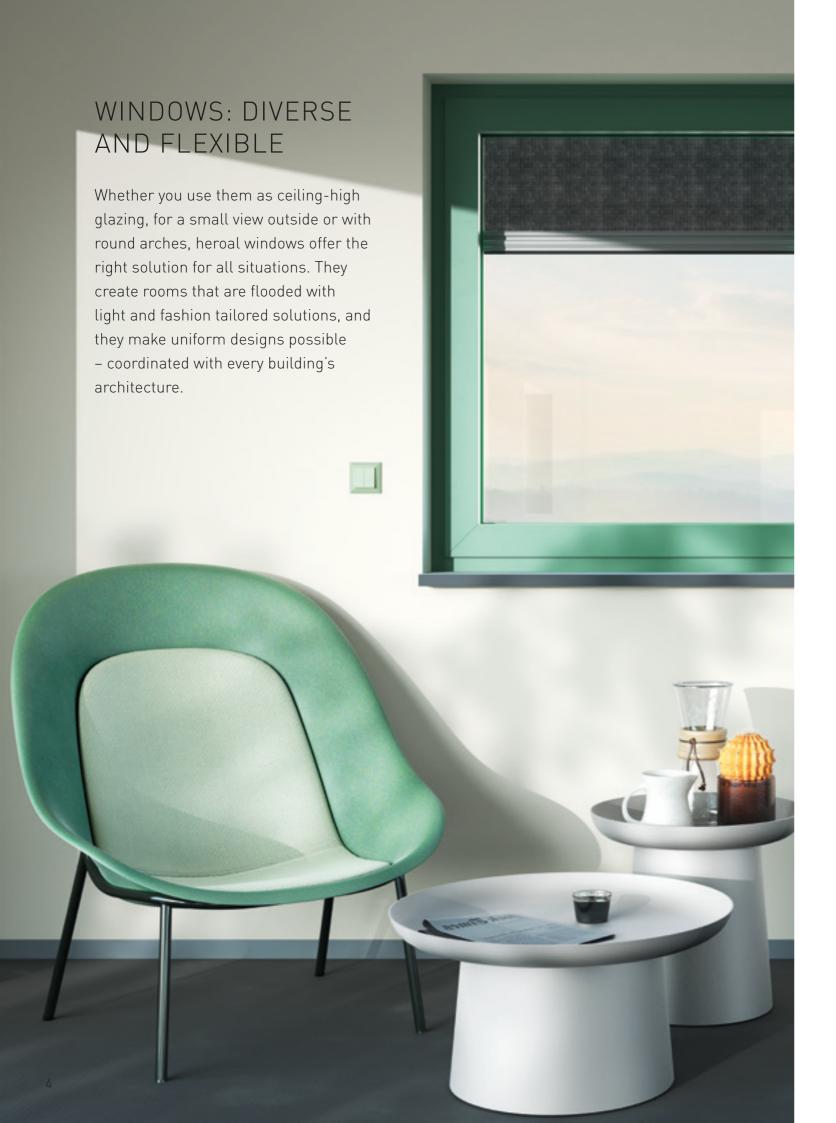


# CREATE THE PROPER PROSPECTS FOR YOU AND YOUR NEEDS.

Your windows make your house your home: They let in light and play a fundamental role in the architectural design of your home both inside and outside. Aluminium window systems from heroal offer you various possibilities, and not only in terms of appearance: They also do a very effective job of keeping the room climate constant and noise outside, and they are burglar-resistant. With these systems, you can optimise your building shell to suit your needs.

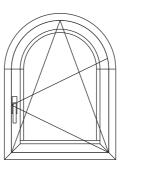
- 04 Windows: Diverse and flexible
- 06 Design: Individual design options
- 08 Energy efficiency: Top of the line
- 10 Burglary resistance: Certified and reliable
- 12 Soundproofing: Well-being included
- 4 Features: Exactly what you need

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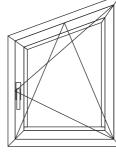


## Diverse construction forms and types of opening

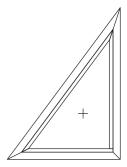
The in-house and industry-exclusive profile bending and sheet metal processing service makes it possible to modify heroal products to suit your exact wishes.



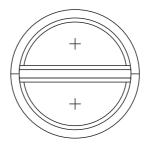
A pivoting / tilt casement opening to the right



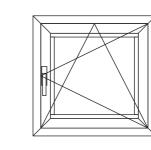
A pivoting / tilt casement opening to the right



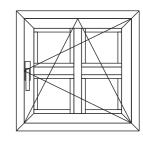
A fixed casement



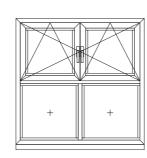
Two fixed casements



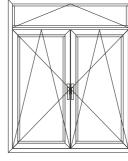
A pivoting / tilt casement opening to the right



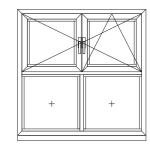
A pivoting / tilt casement opening to the right



Two pivoting / tilt casements, two fixed casements



A tilt casement and two pivoting / tilt casements



A pivoting casement, a pivoting / tilt casement and two fixed casements

heroal's modern aluminium window systems are available in every imaginable construction form – they can be realised as round, arch rise or basket arch windows, and even round window frames can be produced. Depending on the construction requirements of the window opening, different window sizes and forms can be installed to measure.

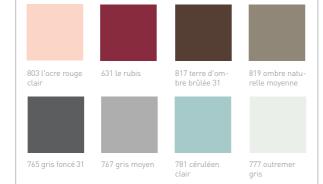
The window's type of opening is decisive for later potential uses. It therefore impacts ventilation, shading and decoration. In this regard, a differentiation is made between tilt casements, casements that pivot to the right or left, and pivoting/tilt casements that can be tilted or opened to the left or right. All of heroal's window construction forms can also be realised as fixed glazing if it should not be possible to open the window.



heroal windows offer maximum design freedom thanks to the in-house coating service. All coating variants from heroal make it possible to create especially durable and weather-resistant surfaces, protection against UV radiation, colour stability and gloss retention. The highly weatherresistant hwr powder coating lets you choose from among all the colours of the extensive RAL palette. In addition to the large variety of colours, you can also choose between various levels of gloss – from dull matt to glossy and metallic colours - for the finest nuances and consistent colour. The heroal Surface Design (SD) coating procedure extends your design options considerably with designs like refined wood and concrete looks. heroal's coating service is rounded out by the exclusive partnership with Les Couleurs® Le Corbusier. This partnership puts the 63 exclusive, natural colours from Le Corbusier at your disposal which you can combine harmoniously.

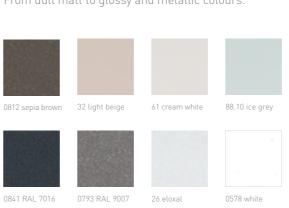
### Les Couleurs® Le Corbusier

The exclusive partnership between heroal and Les Couleurs® Le Corbusier offers you a unique range of colours. The natural colours can be harmoniously combined and manifest incomparable aesthetics, embody special effects and fulfil your desire for a coordinated range of colours.



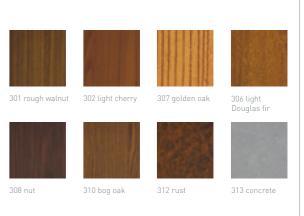
### heroal hwr powder coating

The highly weather-resistant heroal hwr powder coating ensures lasting colour stability. All the colours of the extensive RAL colour palette can be realised – and in various levels of gloss to boot: From dull matt to glossy and metallic colours.



#### heroal SD

heroal SD surface finishing extends your design options and offers exceptional resistance and extremely convenient finishing. First, the windows are equipped with the heroal hwr powder coating, and then they are finished in the desired design.



You can view the entire colour selection using colour fans. For printing reasons, the colours shown here may differ from the original colours.

# ENERGY EFFICIENCY: TOP OF THE LINE

Living comfort is when you enjoy being in your home. It includes a constant temperature inside your house, no matter whether it is sweltering hot or freezing cold outside. You can keep a cool head and warm feet with windows from heroal.



The window systems from heroal reach heat insulation values of  $U_f \le 1.3$  to  $U_f \ge 0.8$ . Because of these U-values, their classifications range from highly thermally insulated to suitable for passive houses.

During the cold season, more than a quarter of heat escapes through windows. That is why more and more homeowners are deciding to replace their windows and building owners are opting for highly thermally insulated windows or even windows that fulfil the passive house standard. The installation of new, thermally insulated windows currently ranks second among energy renovation measures. It's an investment that pays off in the long run.

Aluminium windows from heroal minimise the energy loss through optimum profile construction and fitting technology, and they unite maximum energy efficiency with elegant profiles. Whether a new building with a passive house standard or the renovation of an existing building is concerned: heat insulating measures are supported by the federal government, the provincial governments, and the KfW.







The **resistance classes (RC)** indicate how effectively the windows protect against burglary: From RC1 (basic protection) to RC 4 (high protection), which withstands even experienced perpetrators armed with battery-powered drills. heroal windows are certified up to the resistance class RC3, and the combination of heroal windows and heroal's stainless steel hinge is even certified up to RC4.

Burglars often enter houses through windows, which is why they need to be especially well protected. Burglar-resistant features include anti-lift devices, the largest possible number of lock points, lockable window handles and safety glass. Window systems from heroal fulfil these security features lastingly and reliably. Additionally, the assembly technique which heroal has developed improves the windows' stability considerably.

Investing in heroal windows pays off: According to crime statistics from the police, more than 100,000 houses are broken into on average in Germany every year. RC-certified building components make sure that burglars do not have enough time to render them inoperative. You effectively protect your home with the high-quality window systems from heroal.



# FEATURES: EXACTLY WHAT YOU NEED

Insulation values, surface design, burglary resistance: You can design your windows exactly according to your requirements with heroal. The feature options are flexible both in terms of their appearances and their functions.



With the aluminium windows from heroal, you enjoy all the benefits of a modern window system. The high weather resistance and the natural protection against corrosion, as well as the good material stability, make them very durable and able to fulfil all the criteria for sustainable and energy-efficient construction. Minimum wear is guaranteed, even with countless opening and closing processes. That makes your heroal aluminium window nearly maintenance-free, even if you use it for many years.

In addition to the construction form, your requirements are decisive for selecting the proper system and include heat insulation, design and protection against noise and burglary.









heroal W 72

heroal W 72 RL

heroal W 72 CL

Whether they feature a regular outer contour, heroal W 72, a roundline contour, heroal W 72 RL, or a slanted classic line contour, heroal W 72 CL, the heroal systems with 72 mm installation depth are ideally suited for new buildings and renovations. The highly insulating system heroal W 77 is even suitable for passive houses with only 77 mm installation depth.



Plug-in handle with surface-mounted gears



Plug-in handle with round rose



Window handles from heroal combine exclusivity, functionality and durability and offer standard basic security. Choose from among plug-in handles with gears in a surfacemounted box, plug-in handles with round roses or the heroal design window handles.

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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.