

Press release

Innovative new developments for heroal window systems

Efficiency, design, accessibility and functionality in focus

Verl, December 2025. heroal window systems are distinguished by superior quality and flexibility together with efficient fabrication. Their exceptional versatility allows heroal partners to fulfil individual customer requests and a wide range of functional requirements. Now, the aluminium system supplier has expanded its product portfolio with brand new innovations that meet the highest demands on efficiency, design, accessibility and functionality.

heroal plus: Innovative complete solution for window systems

As a complete, end-to-end solution from a single supplier, heroal plus now offers a comprehensive accessories package for the heroal W 72 and heroal W 77 window systems that make it easy to create efficient, high-quality complete solutions. Boasting a modular setup, heroal plus includes a heroal VS Z textile screen, the heroal FPS anti drop device, the heroal IS insect screen as well as the heroal WS windowsill. The availability of all options as single items, in various combinations or for retrospective integration in the window ensures maximum flexibility.

The anti drop device and insect screen can be seamlessly integrated in the heroal VS Z sun protection system, which effortlessly withstands challenging weather conditions in wind load class 6 with maximum dimensions of 3 x 3 m. In this case, the insect screen roller blind can be placed in the box system. heroal plus also impresses with its slender views and stylish look with a view width of just 34 mm, the guide rail flush with the box and the 48 mm overall view width including anti drop device. Thanks to the uniformity of the colours and surfaces across all aluminium profiles as well as the concealed screw connections, heroal plus also ticks all the boxes when it comes to exceptional and elegant design. The delivery of all made-to-measure system components and clip-on profiles ensures maximum efficiency and reliability in production and installation. Beyond this, fabricators also benefit from the use of the heroal box system 125 mm 90° and the option of purchasing heroal plus as systemware or heroal Ready prefabricated elements.

Flush ground threshold for comfort and accessibility

To satisfy the highest demands on comfort and accessibility, heroal is introducing a new version of the heroal W 72 window system: as a single casement version with pivoting casement, the heroal W 72 UD French door with flush ground threshold eliminates troublesome tripping hazards and ensures comfort and safety when passing over thresholds. Two magnetic profiles embedded in the frame create a perfect seal when the element is closed, as they are raised automatically while closing. heroal W 72 UD includes all the benefits of the heroal W 72 window system, making it an ideal solution for tenders.

Elegant design with flush frame profile

An elegant design and high-quality look is the focus of the expansion of the heroal W 72 and heroal W 77 window system portfolio with the addition of a flush frame profile. The new profiles can be combined with all casement profiles to create a flush look both inside and out. This enables a consistent design for single-casement elements as well as double French casement windows to give the windows a modern look that is the perfect, harmonious fit with flush doors. The combination with concealed fittings creates absolute perfection with uninterrupted interior views. Fabrication of the flush frame profiles is extremely efficient and the process as well as the accessories are identical to the standard size 70 frame.

Portfolio expansions for maximum efficiency in fabrication

For significant time and cost savings in production and maximum efficiency in fabrication, heroal has optimised the corner connection of the casement profiles for the heroal W 72 and heroal W 77 window systems. The core benefits of the new die-cast corner angles particularly include the identical profile machining of horizontal and vertical casement profiles. Lead-in chamfers on all components, stabilising corner angles that can be inserted retrospectively as well as a spreading function that is activated during the press-in/nailing process also make it easier to join the casements and align them for rapid fabrication. High-quality results are ensured by the additional feedback function for reliable bonding. And efficient fabrication is further supported by the new stabilising corner angles. They are fitted with knurled screws/nuts that actively draw the mitring together. The new casement profiles let heroal specialist partners enjoy a huge reduction in the joining process of up to 35% as well as savings of up to 20% for the adhesive.

Setting the benchmark in soundproofing – integrated burglary resistance

The portfolio expansions for heroal window systems are topped off by two innovations that provide added value for architects, planners and fabricators in the creation of high-quality solutions. The soundproofing of the heroal W 77 window system has been improved from 48 dB to 49 dB. This means that even the standard heroal system provides industry-leading soundproofing.

The heroal W 72 window system provides valuable added benefits for heroal specialist partners as well. The aluminium system supplier's screw-in anchor bracket has successfully passed an RC2 certification. In contrast to conventional solutions that exclusively certify burglary resistance for the window system, heroal W 72 fulfils the demand for integrated security by involving the masonry.

Images



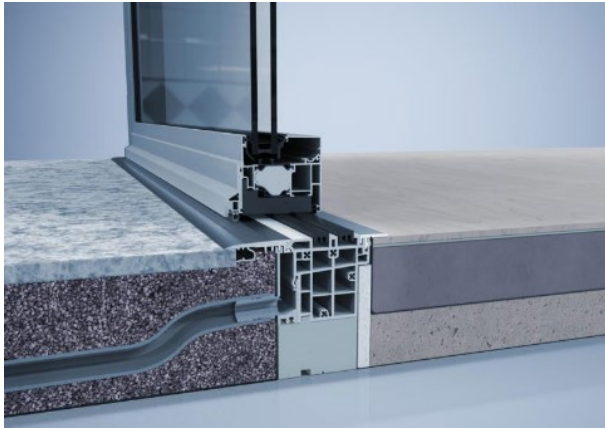
As a complete, end-to-end solution from a single supplier, heroal plus makes it easy to create efficient, high-quality complete solutions. © heroal



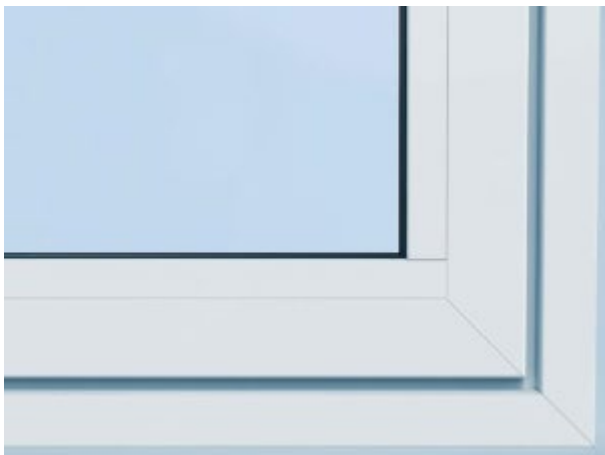
Boasting a modular setup, heroal plus includes a heroal VS Z textile screen, the heroal FPS anti drop device, the heroal IS insect screen as well as the heroal WS windowsill. © heroal



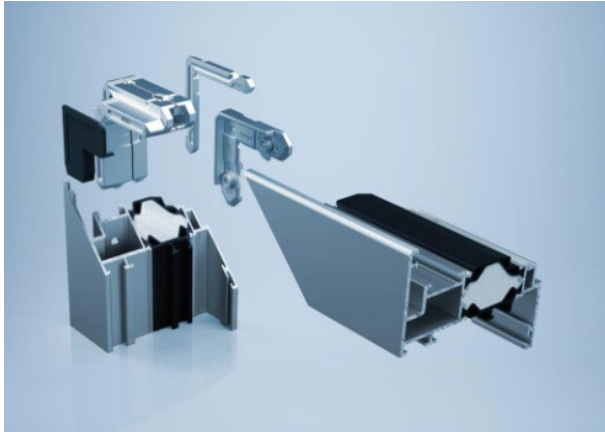
The heroal W 72 UD French door with flush ground threshold is available as a single-casement version with pivoting casement and ensures comfort and safety when passing over thresholds. © heroal



The flush ground threshold contains two magnetic profiles embedded in the frame that are automatically raised when closing. This creates a perfectly tight seal when the element is closed. © heroal



The new flush frame profiles let you create a flush look both inside and out. This enables a consistent design that lends the windows a modern look. © heroal



For significant time and cost savings in production and maximum efficiency in fabrication, heroal has optimised the corner connection of the casement profiles for the heroal W 72 and heroal W 77 window systems. © heroal

heroal – the aluminium systems supplier

As a manufacturer of aluminium system solutions for roller shutters, sun protection, roller doors, windows, doors, sliding doors, curtain walls and patio roofs, heroal is one of the international market leaders. Founded in 1874, the family company employs around 900 people at its headquarters in Verl, Germany, and locations in France, the Netherlands and the Czech Republic, and is involved in the construction of sustainable buildings in residential and commercial construction projects worldwide. heroal focuses on innovative and high-quality systems for fabricators, architects, planners, investors and building owners. heroal products are characterised by first-class quality, industry-leading customisation options and consulting and services in every phase of the building lifecycle. heroal systems are developed and manufactured in Germany.

More information is available at www.heroal.com.

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