

Press release

Window solutions for versatile applications and efficient fabrication

heroal presents further developments for the heroal W 72 and W 77 window systems at Fensterbau Frontale

Verl, March 2026. heroal is expanding its aluminium window system portfolio with new solutions for fabrication, design and application. At Fensterbau Frontale, the systems supplier will present, among other things, the modular accessory system heroal plus, a French door with a level ground threshold, as well as new flush frame profiles and optimised corner connections for casement profiles. In addition, the window systems heroal W 72 and W 77 now open up new areas of application in curtain wall construction, for example for stairwells.

At Fensterbau Frontale, heroal is showcasing extensions to its aluminium window system portfolio. The focus is on practical enhancements for fabricators: new accessory solutions, optimised fabrication steps and additional application possibilities for the systems. This provides both existing specialist partners and companies looking to expand their portfolio with flexible solutions for a wide range of construction requirements.

Curtain wall applications using window elements

One of these enhancements demonstrates how the heroal W 72 and W 77 window systems can be used in a wide range of applications. In addition to conventional window elements, the systems now also enable the fast, simple and safe construction of curtain wall applications, for example for stairwells.

Load-bearing coupling profiles are used, allowing the elements to be stacked easily. Thanks to clean profile joints, no additional sealing work is required. Specific applications are defined on the basis of structural calculations.

This gives window manufacturers, in particular those who do not fabricate mullion-transom curtain wall systems, the opportunity to implement curtain wall solutions quickly, easily and safely and to expand their range of services without requiring an additional system platform.

heroal plus: Innovative complete solution for window systems

With heroal plus, heroal presents a comprehensive, cross-trade accessory system for the heroal W 72 and heroal W 77 window systems. The modular system package facilitates the implementation of high-quality overall solutions and ensures efficient processes in planning, fabrication and installation.

The system includes the heroal VS Z textile screen, the heroal FPS anti drop device, the heroal IS insect screen and the heroal WS windowsill. All components are perfectly coordinated and can be used individually, in various combinations or integrated into the window system at a later stage.

The anti drop device and insect screen can be seamlessly integrated into the heroal VS Z sun protection system. With wind load class 6 and maximum dimensions of 3,000 x 3,000 mm, the system also meets high requirements in terms of stability and weather resistance. With slim sightline widths of just 34 mm for the guide rail and 48 mm including the anti drop device, heroal plus also impresses with a discreet appearance. Aluminium profiles with matching colours and finishes, as well as concealed fixings, ensure a high-quality look.

For particularly efficient fabrication, the system components are supplied cut to size, while clip-on profiles simplify installation. Fabricators also benefit from using the heroal box system 125 mm 90° and from the option of sourcing heroal plus either as a system solution or as a heroal Ready prefabricated element.

Level ground threshold for comfort and accessibility

To enhance comfort and accessibility, heroal is expanding its window system with the heroal W 72 UD French door, which features a level ground threshold. The single-leaf pivoting casement version enables virtually threshold-free access to the outside and significantly reduces trip hazards.

Reliable sealing is ensured by two magnetic profiles integrated into the frame that are automatically raised during closing to ensure a reliable seal. At the same time, all the

technical and design advantages of the heroal W 72 system are retained, making this solution ideal for demanding specifications.

Flush frame profiles for modern architecture

New flush frame profiles expand the design possibilities of the heroal W 72 and heroal W 77 window systems. They enable a flush appearance both inside and outside, creating a particularly clean, high-quality design.

The profiles can be combined with all casement profiles and allow a consistent, modern appearance for both single-leaf elements and French casement windows. In combination with concealed fittings, particularly discreet interior views can be achieved. At the same time, fabricators can rely on a familiar workflow: processes and accessories correspond to those used for standard 70 mm frame systems.

New corner connections for greater fabrication efficiency

To further optimise manufacturing processes, heroal has improved the corner connections of the casement profiles for the heroal W 72 and heroal W 77 window systems. The new die-cast corner brackets allow identical profile machining for horizontal and vertical casement profiles, significantly simplifying fabrication.

Chamfered lead-ins on the components, retrofittable stabilising corner angles and an expansion function during pressing or crimping facilitate joining and alignment of the casements. An integrated feedback function also supports reliable bonding during adhesive application. The new stabilising corner angles feature knurled screws or nuts that actively pull the mitre joint together. Overall, joining time is reduced by up to 35%, while adhesive consumption can be reduced by up to 20%.

Enhanced security and performance features

Further improvements relate to key performance characteristics of the heroal window systems. For example, the sound insulation value of the heroal W 77 system has been increased to 49 dB, achieving a top value on the market even as standard.

Fabricators using the heroal W 72 system also benefit from additional application possibilities: the heroal screw-in anchor bracket has been successfully tested in accordance with RC2. By including the masonry in the test, this creates a holistic security concept that goes beyond pure system testing and enables particularly reliable burglar-resistant system versions.

With these developments, heroal is demonstrating at Fensterbau Frontale how aluminium window systems can be flexibly adapted to a wide range of requirements – from efficient fabrication and architecturally sophisticated solutions to new areas of application, such as curtain walls for stairwells.

Images



[heroal 33 Fenster Neuheiten_A3]

heroal is expanding its aluminium window system portfolio with new solutions for fabrication, design and application. © heroal



[heroal Treppenhausfassade]

The heroal W 72 window system can now also be used to manufacture curtain walls for stairwells quickly, easily and safely. © heroal



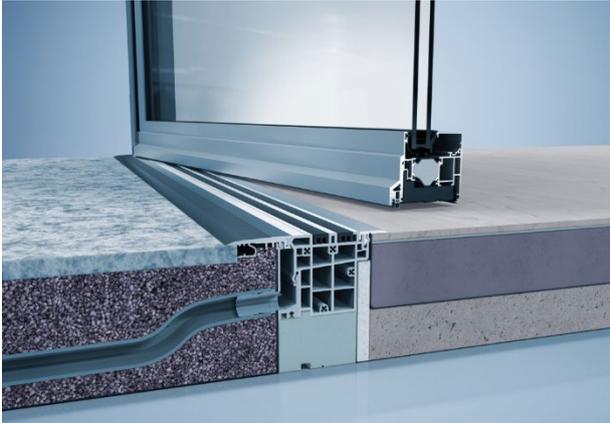
[heroal 33.6 Fenster Neuheiten_Detail W plus_A3]

As a cross-trade, single-source complete solution, heroal plus makes the implementation of high-quality overall solutions both simple and efficient. Its modular design includes the heroal VS Z textile screen, the heroal FPS anti drop device, the heroal IS insect screen and the heroal WS windowsill. © heroal



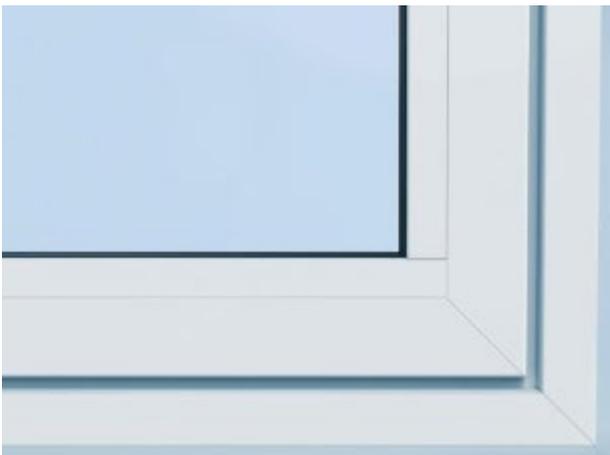
[heroal 33.3 Fenster Neuheiten_Detail Bodenschwelle_A3]

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



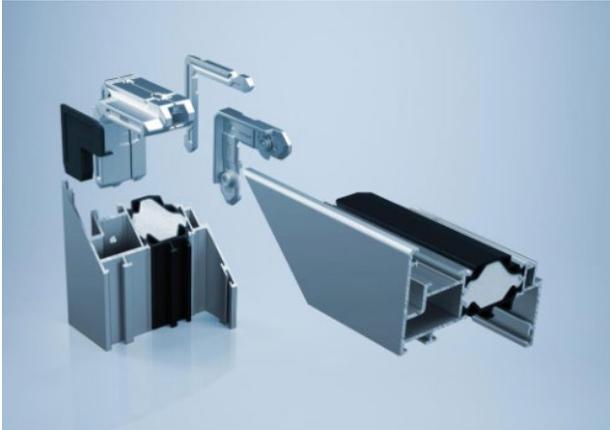
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The level ground threshold features two magnetic profiles integrated into the frame that are automatically raised during closing. This ensures a perfect seal when the element is closed. © heroal



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The new flush frame profiles enable a flush appearance both inside and outside, creating a consistent design that gives windows a modern aesthetic. © heroal



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To achieve significant time and cost savings in fabrication and maximise efficiency, heroal has optimised the corner connections of the casement profiles for the heroal W 72 and 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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