

Non-insulated sliding door system with frameless sashes and versatile opening variants

All-glass sliding wall system heroal S 20 C



heroal

All-glass sliding wall system

First-class materials, technical perfection down to the last detail and a wide range of design options are what distinguish the efficient heroal systems technology. These are benefits that impress. For decades, heroal has been a reliable partner for architects, builders and fabricators with innovative aluminium and aluminium composite solutions for the building shell.

Planners appreciate the diversity of the design possibilities, builders can bring their specific requests to life with a reliable system and our partners benefit from the economical and efficient heroal system solutions.

The heroal S 20 C all-glass sliding wall system extends patio canopies, balconies and areas with overhanging roofs to create outdoor living areas that can be used in any weather and is also an aesthetic solution for indoors. The frameless casement and accessible threshold integrated into the floor enhance the transparency of the system and create accessible passages. The sliding wall system also sets itself apart with its exceptional advantages for particularly efficient, fast and easy fabrication.

Discover the diversity of the heroal all-glass sliding wall system.



heroal S 20 C

Page 4

All-glass sliding wall system for use outdoors and indoors

Outstanding product advantages

Page 6

Features in detail

Page 8

Service

Page 10

heroal S 20 C

All-glass sliding wall system for use outdoors and indoors



The uninsulated heroal S 20 C all-glass sliding wall system provides effective weather protection. For instance, patio roofs can be extended to create protected summer conservatories. In addition, the sliding system is suitable for use with building roofs, on balconies or as an indoor application.

heroal S 20 C is extremely flexible and provides various opening options, where the casements can either be pushed to one side or opened like a French door. The 3-, 4-, and 5-track thresholds can be installed in an accessible design and the frameless casement provides maximum transparency. Clip-on frame connectors, an adjustable carriage as well as single glazing with wedge seals ensure quick and easy fabrication. Soft stops allow the casement to close securely and comfortably, as it is automatically dampened and drawn into its final position. In addition, casement carriers and durable stainless steel guide rails permanently ensure comfortable operation.

System sizes and system features

- » installation depths: frame 83 mm (3-track), 106 mm (4-track), 129 mm (5-track), casement 20 mm
- » face widths: frame 18 mm (bottom), 45 mm (side, top), casement 60 mm
- » min. sash width: 600 mm
- » max. sash width: 1,200 mm
- » max. sash height: 2,200 mm (8 mm ESG), 2,500 mm (10 mm ESG)
- » max. casement weight: 80 kg
- » glass thickness: 8-10 mm ESG

Versions and design

- » opening types: side and centre (French)
- » accessible threshold possible
- » automatic, secure and comfortable closing of the casements with soft stops
- » seamless integration into the heroal OR patio roof system
- » compatible with all conventional patio roof systems
- » high-quality colour design with heroal hwr powder coating, heroal SD surface designs and Les Couleurs® Le Corbusier®

heroal S 20 C for use outdoors

The uninsulated all-glass sliding wall system can be flexibly used outside. It extends patio roofs, balconies and areas with overhanging roofs to create outdoor areas that can be used independent of the weather. The sliding wall system can be harmoniously integrated into the heroal OR patio roofing system and is compatible with all conventional roof systems. It creates a partially or even completely enclosed conservatory that provides an additional living area that goes hand-in-hand with the outdoor living trend.

heroal S 20 C for use indoors

Whether as a partition between rooms, such as between the bathroom and bedroom, or as an elegant room divider with stained glass for a walk-in wardrobe, the heroal S 20 C all-glass sliding wall system is the perfect solution in residential buildings. And the system also offers versatile applications in commercial as well as medium- and large-scale construction projects. For instance, heroal S 20 C can be used as a partition for offices where soundproofing is not a priority or in restaurants.



heroal S 20 C, sectional view



Outstanding product advantages

Fabrication

+ clip-on frame connectors for fast installation without screw connection

+ accessory kits for easy assembly with prefabricated components

+ adapter for seal cutter for easy notching of the wedge seals

+ the milled frame enables production without a machining centre

Comfort and design

+ additional version of the soft stop for a casement weight of up to 60 kg

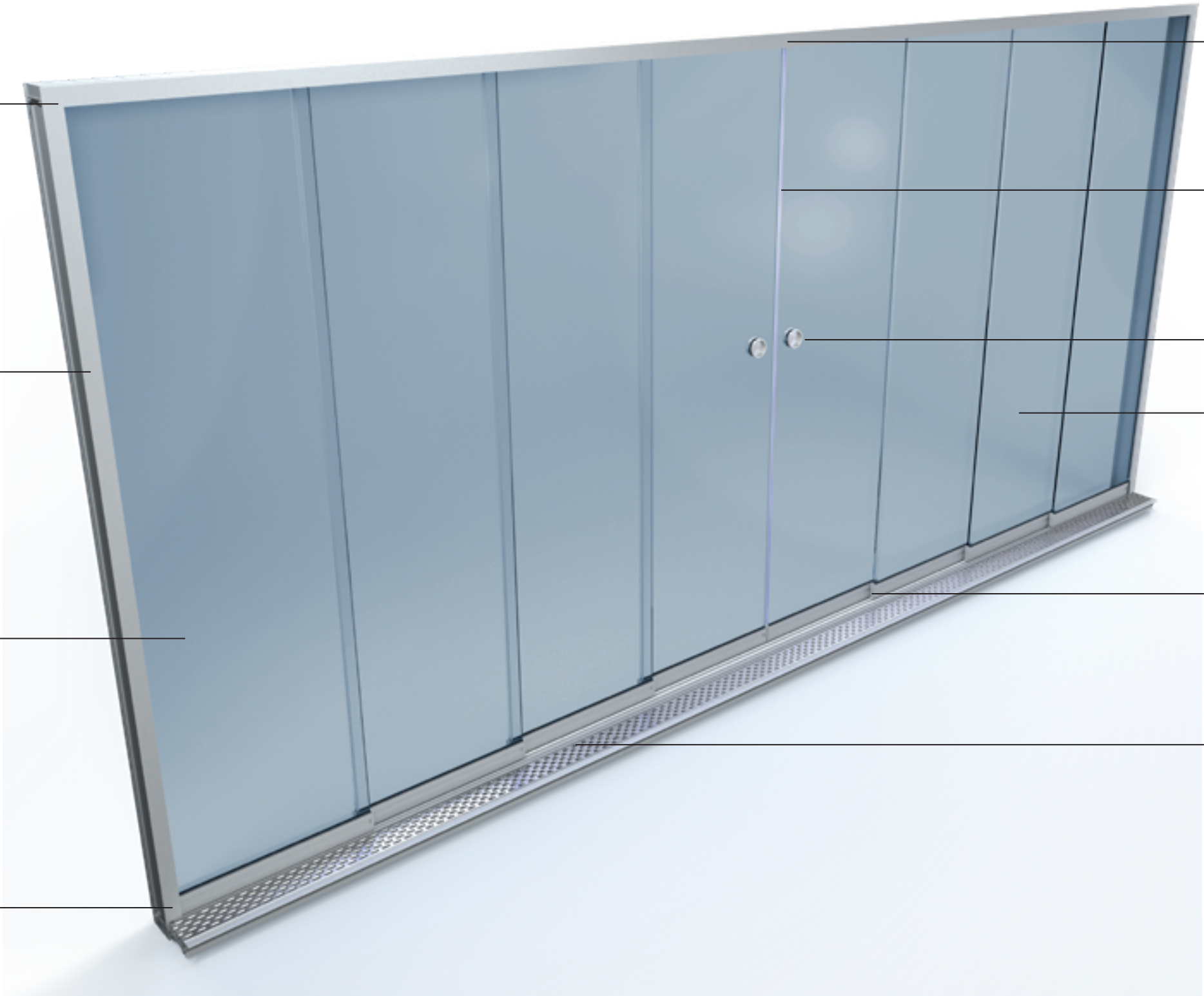
+ draught reduction with transparent sealing strips in the cavities

+ elegant, recessed handles made from brushed stainless steel

+ frame connector and longer guide rails for wider systems

+ perfect running properties thanks to precise carriage adjustment

+ accessibility and effective drainage thanks to connection to the heroal drainage system



Features in detail



Reduced draught with transparent sealing strips

The sealing strips are designed as L seals and are suitable for use in the cavity as well as bellows seals for sealing in the mullion area. They enable the effective reduction of draught and help to considerably increase comfort. Their slender shape and transparent design allows their discreet integration in the system.

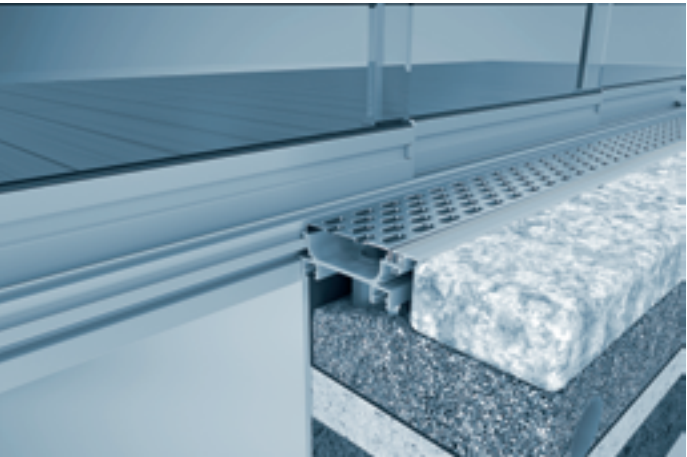
The high-quality adhesive strips enable easy installation, while their UV-resistance makes the sealing strips ideal for use outside.



Optimised fabrication thanks to the finished frame and adapter for notching the wedge seals

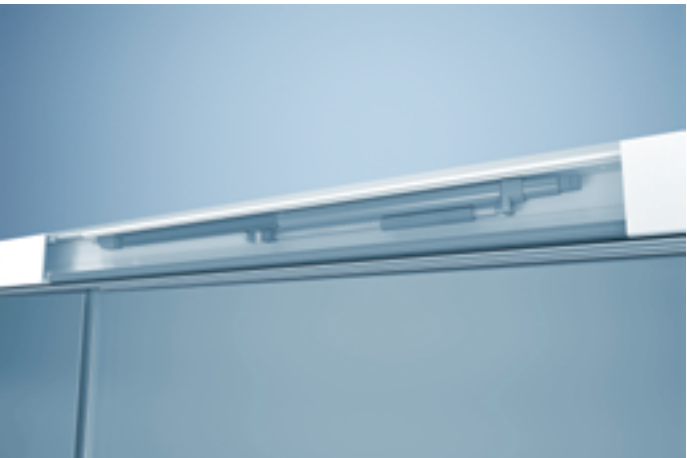
The heroal all-glass sliding wall system is extremely flexible thanks to the choice of unfinished or prefabricated side frame profiles. This enables easy planning and a small number of cuts – as every profile is prepared for the sliding system. The higher level of prefabrication makes the sliding systems particularly easy to produce – even without a profile machining centre – as well as for coated cutting edges. The milled orientation points enable easy cutting and the heroal tools support the straightforward production of the sliding systems.

The adapter for seal cutters makes notching the wedge seals fast and safe.



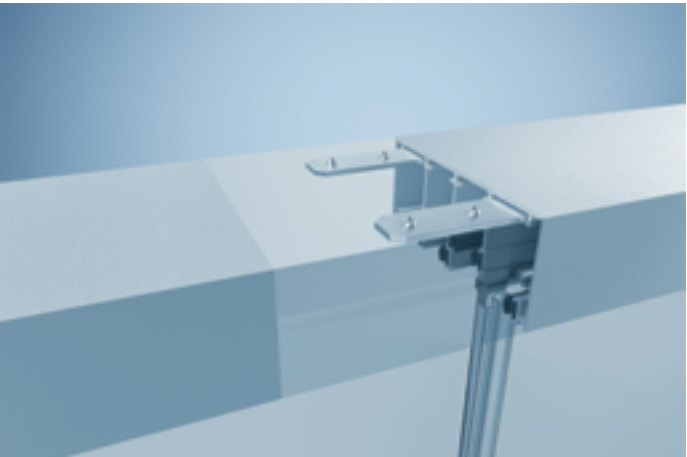
Accessible threshold design with connected heroal drainage system

The all-glass sliding wall can easily be connected to the heroal DS drainage system with the attachment profile under the threshold profile. This allows accessible threshold solutions in line with DIN 18040 1/2 to be created with the integrated threshold design, which ensure effective and complete drainage of the surface water. The high-quality stainless steel cover integrates harmoniously into the look of the stainless steel rails.



Greater operating comfort thanks to additional soft stop

The soft stops enable the automatic and soft movement to the end position and ensure the comfortable closing of the glass casements. Two versions are available depending on the casement weight – for 0-60 kg and for 61-80 kg. This reduces the force required to open even light casements with a weight of up to 60 kg, for effortless sliding. In addition, the damped closing movement ensures worry-free closing without the risk of trapping a finger or damaging the glass casement.



Enlargement of the maximum system widths

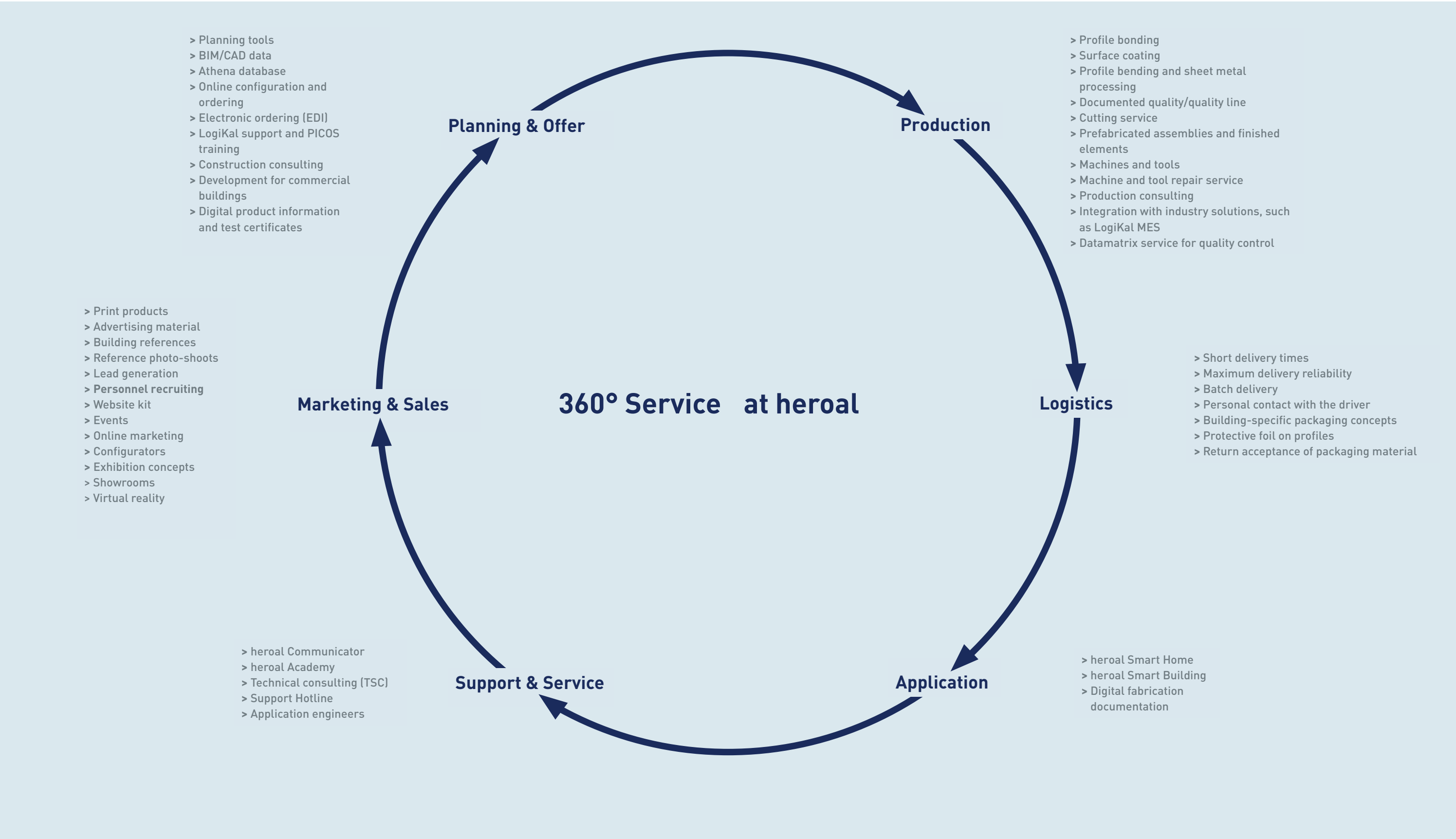
The horizontal frame profiles can be easily connected using prefabricated longitudinal connectors. This makes it possible to increase the maximum width of the sliding systems. In addition, longer stainless steel rails ensure perfect running properties even for sliding systems with an element width of up to 7,200 mm.

The heroal all-round service

Support across the entire process chain

Comprehensive support. Comprehensive satisfaction.

Success is when every cog is perfectly in sync to ensure that everything runs smoothly. So we have designed our service offers to provide optimum support in every aspect of your work. From marketing through to planning and production as well as application, our comprehensive service supports you along the entire process chain.



heroal



simply better *spaces for life*

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 an international market leader, supporting high-quality residential and commercial construction projects worldwide. heroal products are developed and manufactured in Germany and set themselves apart with their premium quality and exceptional performance features. As a result, the innovative system solutions contribute to greater sustainability, security, comfort and architectural freedom for both current and future building projects and impress with simple and efficient planning and fabrication by heroal specialist partners.

Roller shutters | Sun protection | Roller doors

Windows | Doors | Sliding doors | Curtain walls | Patio roofs

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