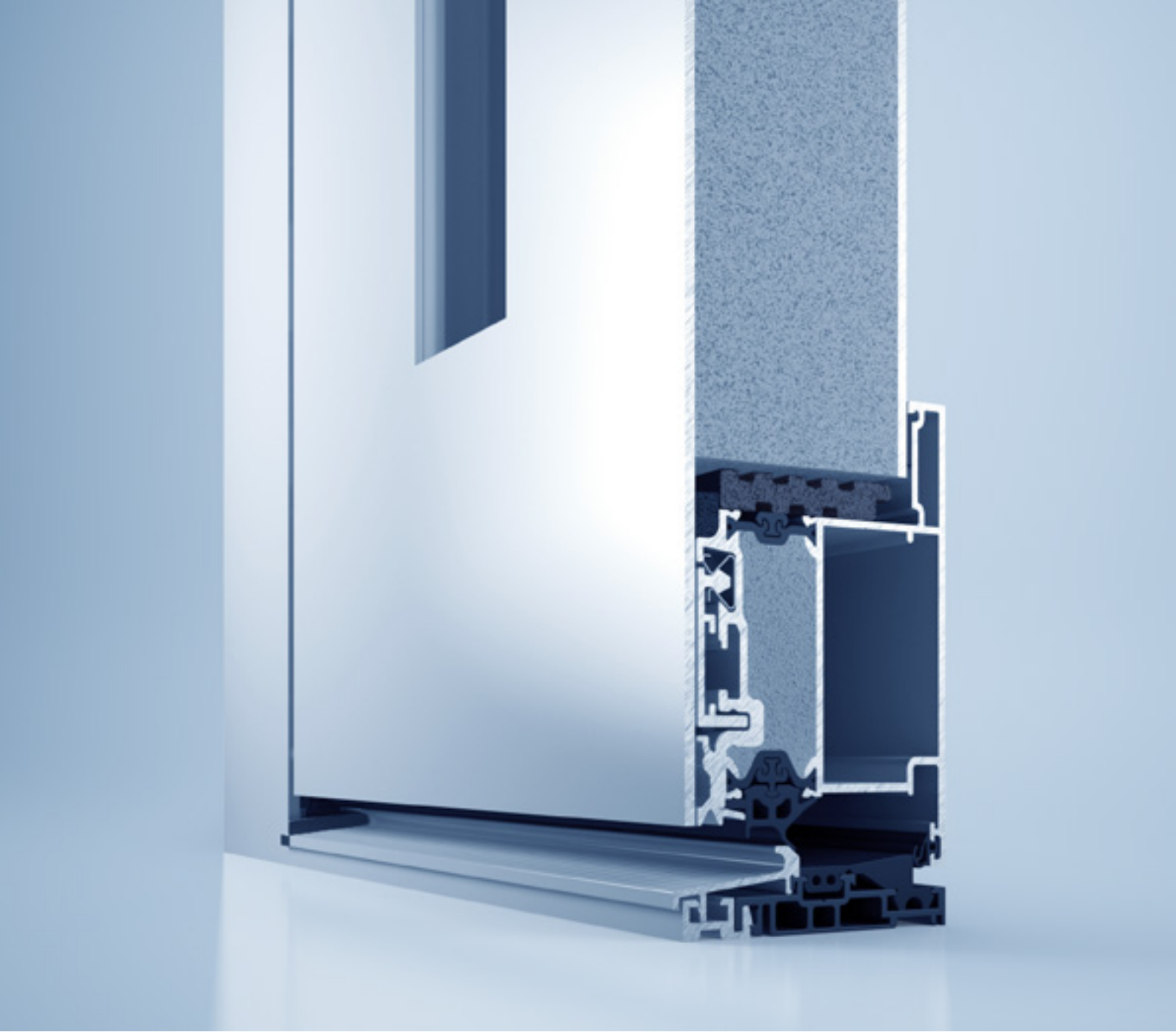

# heroal D 72

Innovative, High-quality Front Door System

heroal

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# heroal D 72

## Front Door System with Unique Quality and Features

With the heroal D 72 house door system, heroal offers unique system diversity. The finest materials, highest functionality, sophisticated design options and maximum flexibility form the solid foundation for individual pieces, which we always produce individually and exclusively. heroal entry door systems offer the greatest possible variety for a considerable number of infill types and intelligent system solutions for all installation situations in new buildings or during renovation, whether their design is exclusive and modern or timelessly elegant. In addition to the numerous design options, the heroal front door systems stand out thanks to the best thermal insulation properties, effective soundproofing and a high standard burglary resistance up to resistance class RC 3.

## PF "Panel Fixed" – for Glued and Reversible Attachment Infill Panels

No glass strip is needed for the heroal D 72 PF "Panel Fixed" casement profiles with fixed backstop. This optimises the use of materials, and the elimination of a processing step also shortens the throughput time during production.

## Reversible Infill Panel Attachment

With its heroal D 72 front door system, heroal offers an innovative infill panel attachment for the aluminium area. This option allows you to use jointing to attach the pre-fabricated infill panel to the casement. The different possibilities offered by heroal infill panel attachments make it possible to produce maximum casement leaf sizes.

Expanding the heroal D 72 front door system by adding a profile construction for this type of infill panel attachment provides the following advantages for fabricators: Easy installation, even on the construction site, reversible for design changes and time-saving when it comes to the processing of the entire system.

# Door Infill Panels

## A Genuinely Wide Range of Versions

heroal has expanded its range with the heroal front door infill panel. It can be coated in the Le Corbusier colours, the heroal SD designs or the RAL palette. This opens up a whole new world of design options in private and commercial construction for fabricators, builders, architects and planners.

For the highest reliability and the ability to react quickly, heroal partners receive everything from a single source within just two weeks, in the usual heroal quality and with hwr powder coating:

» High quality heroal D 72 system profiles
» Front door infill panel with reversible infill system
» heroal fittings based on the heroal DF fitting technology

For the casement of the heroal D 72 door system, two infill panel thicknesses are offered:

» An infill panel with a thickness of 60 mm for the casement profile 21667 with an installation depth of 72 mm
» 70 mm infill panel thickness for the casement profile 21649 with an installation depth of 82 mm

# Features of the heroal Front Door Infill Panels

## Comfort and Design

The ergonomic and modern handles can be integrated on the exterior of the heroal front door. They can be coated in the Le Corbusier colours, the heroal SD designs as well as the RAL colours, enabling discreet or eye-catching accents to be provided. The handle is available in three lengths with or without LED light strips.

Hinges can also be coated in Le Corbusier colours: When using the same shades, optimally matching colour consistency for the casement, internal panel and hinges is guaranteed.

heroal offers the front doors in flush or protruding variants. In both versions, the heroal D 72 PF casement profile features a fixed internal backstop instead of a glass strip; the infill panel fixing is reversible.

## heroal Front Door Configurator

With the heroal front door configurator, your customers can easily design the front door according to their taste. You can choose between different designs, casement types, strips, handle designs and technological extras such as fingerprint opening to create the front door that fits your home.

By integrating the heroal front door configurator on your website, you can establish direct contact with the interested party. Let yourself be inspired by the variety of colours and discover the fascinating colour designs available at **www.konfigurator.heroal.de**

# Le Corbusier Exclusively at heroal

## Harmonious Colour Design

On the basis of the exclusive partnership with Les Couleurs® Le Corbusier, heroal now offers this unique colour range for windows, doors, curtain walls, sliding and lifting-sliding door systems, roller shutters and sun protection systems. Fabricators, developers and architects thus get a whole new world of design options for private and commercial construction that are **SIMPLY.BETTER.**: with timeless, up-to-date colours that embody incomparable aesthetics. In this context, for the first time heroal is offering all components for a house door including infill panel with the system heroal D 72. heroal is thus meeting the demand for the coordinated colouring of system profiles, house door infill panels and fittings with its excellent coating technology.

Door colour: noir d'ivoire
Handle plate colour: gris clair 31

Door colour: gris foncé 31
Handle plate colour: rouge carmin

Door colour: gris 31
Handle plate colour: gris clair 31

Door colour: céruléen clair
Handle plate colour: céruléen moyen

Door colour: outremer gris
Handle plate colour: outremer pâle

GERMAN DESIGN AWARD WINNER 2020

As a manufacturer of high-quality aluminium system solutions for the building shell, heroal has been awarded the German Design Award 2020. The heroal Les Couleurs® Le Corbusier entrance door received the award in the category "Excellent Product Design".

Further colours can be found in the heroal colour guide Les Couleurs® Le Corbusier (item 89058).

# heroal SD

## Fine Surfaces with High-quality Designs

The natural appearance of oak and walnut or the sophisticated radiance of concrete: heroal SD enables the creation of these striking surface designs, allowing you to give doors, windows, sliding and lift and slide doors as well as canopy systems a particularly refined appearance. Almost all desired decors can be realised using the heroal SD coating technique, giving your property an individual look. The design in question is carefully transferred onto the previously applied heroal hwr powder coating. The high quality to which you are accustomed with heroal is, of course, guaranteed. On all sides, the designs fuse with the layer of paint below: the combined heroal coating techniques thus ensure first-class surface quality.

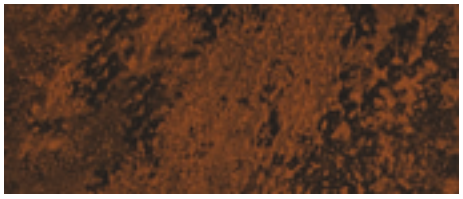
## Individuality in the Most Beautiful Design

Ensure a unique design with heroal SD. Demonstrate the additional differentiation options that heroal SD offers to your customers: Due to the additional refinement, the new coating process provides creative freedom for the individual design of building elements with the following highlights:

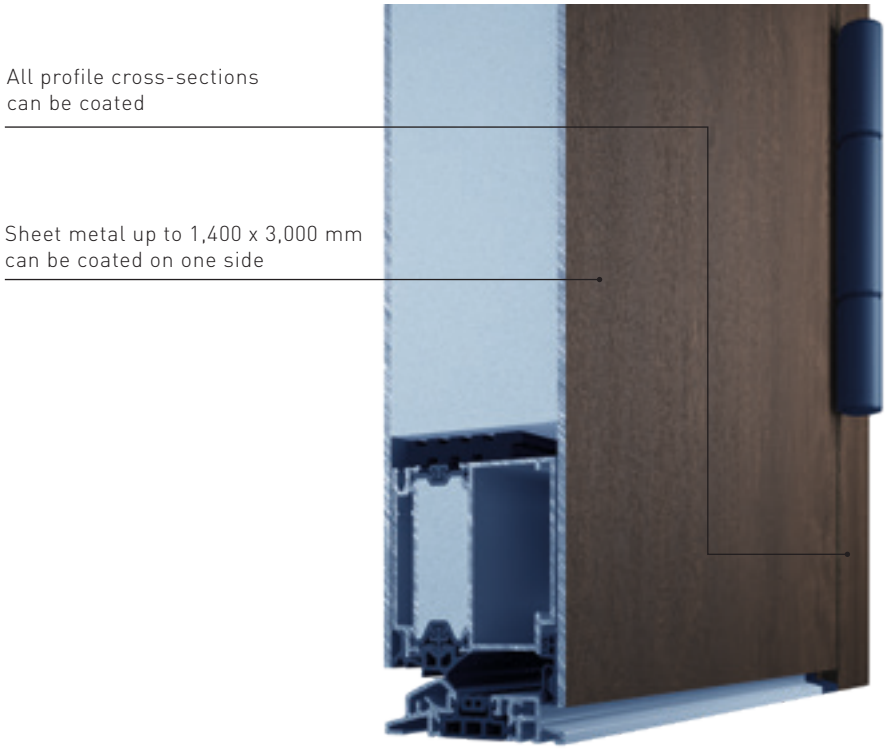
» Profiles up to 7,200 mm in length
» Sheet metal infill panels up to 1,400 x 3,000 mm on one side
» Edge parts up to a flank height of 250 mm, sheet metal thickness up to 3 mm
» Smooth or finely structured
» Surfacing finishing on one or two sides
» Corrosion and weather resistance
» High UV resistance
» More durable than foil coatings, including resistance to solvents

307 | Golden Oak

308 | Nut



312 | Rust




Colours may differ from the original colours due to technical printing reasons.
Further colours can be found in the heroal colour guide (item 88575).

# Fitting Components and Lock Types

## A System with Many Benefits

The heroal DF fitting components include the locking side and are matched to the heroal front door systems. Our documentation and the possibility to select the components in all known calculation programs assist you in selecting the right fitting configuration.

The detailed installation drawings with standard processing dimensions enable economical production and simple assembly. heroal DF fitting components are available for flush-mounted and protruding frame/casement combinations.

**Solid locking bolts (type 1):**
The solid locking bolts of the multi-point locking system type 1 are secured against being pushed back or cut through. The lock geometry enables utilisation of the same frame locking parts as used for type 2.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 4

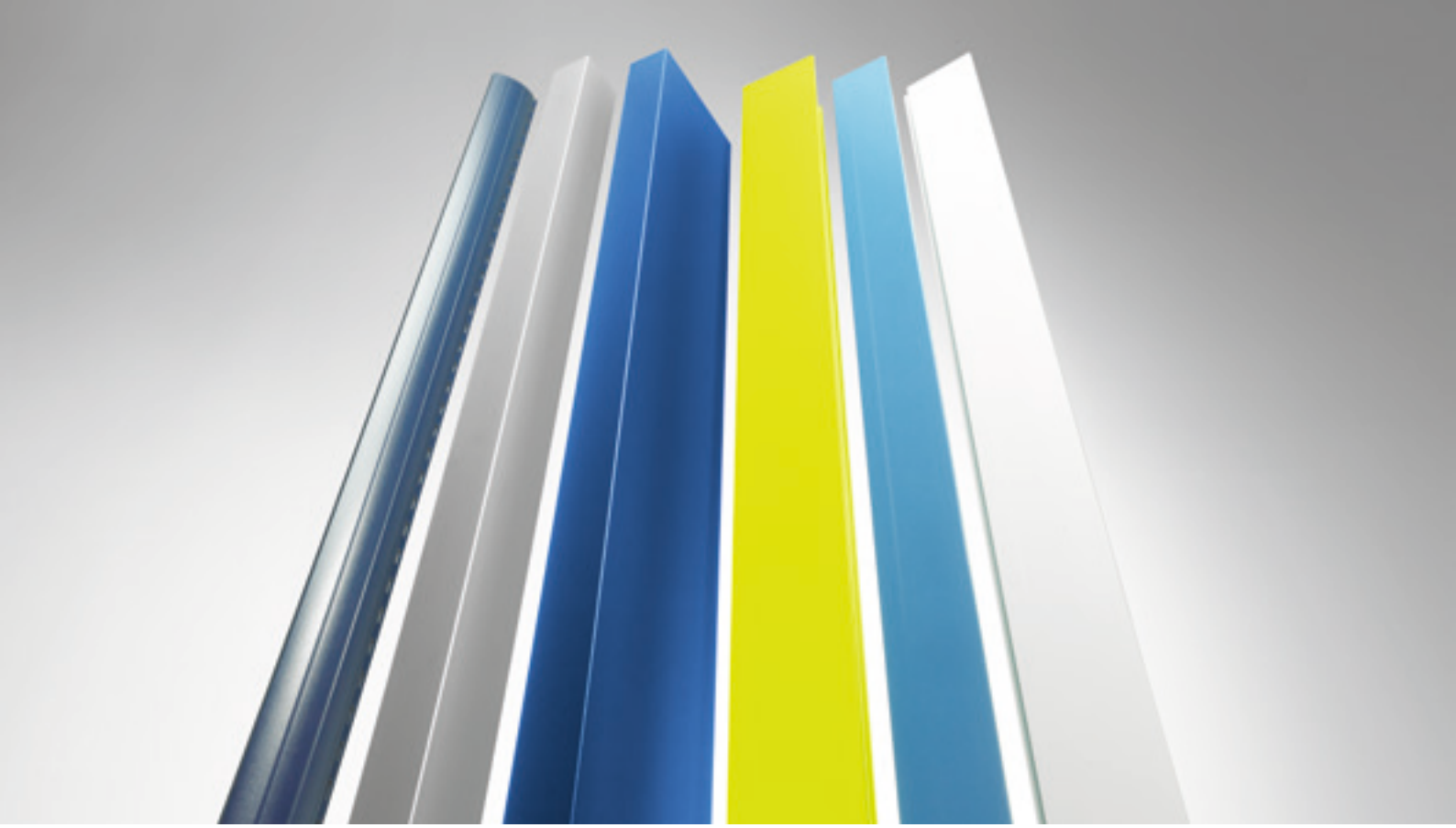
**Automatic latch bolts (type 2):**
The automatic latch bolts extend 20 mm after closing the door and are secured against being pushed back so that the door locks completely. The door can be opened at any time from the inside via the lever handle and from the outside by turning the key.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 4

**Claw bolt lock (type 3):**
The claw bolt locks effectively and counteracts levering of the door in any direction. The tapered claw bolt locks made of high-quality steel alloy engage deeply within the locking parts, therefore guaranteeing optimum door tightness.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3

**Latch bolts (type 4):**
The latch bolts extend automatically when the door is closed and are secured against being pushed back. They are triggered without contact by high-performance magnets. The special gliding surface on the latch bolt ensures quiet and smooth closing.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3

**Bolt lock (type 4):**
Due to the special geometry of the steel bolts, they engage deeply into the locking parts and therefore ensure even better door tightness. The bolt locks are secured against being pushed back.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3

**Claw bolt lock with double bolt (type 11):**
This lock combination combines the advantages of types 3 & 8 and is considered to be the safest and most powerful lock type. It effectively prevents the door from being levered out and combines great ease of use with optimum door tightness.
Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3



## heroal Surfaces

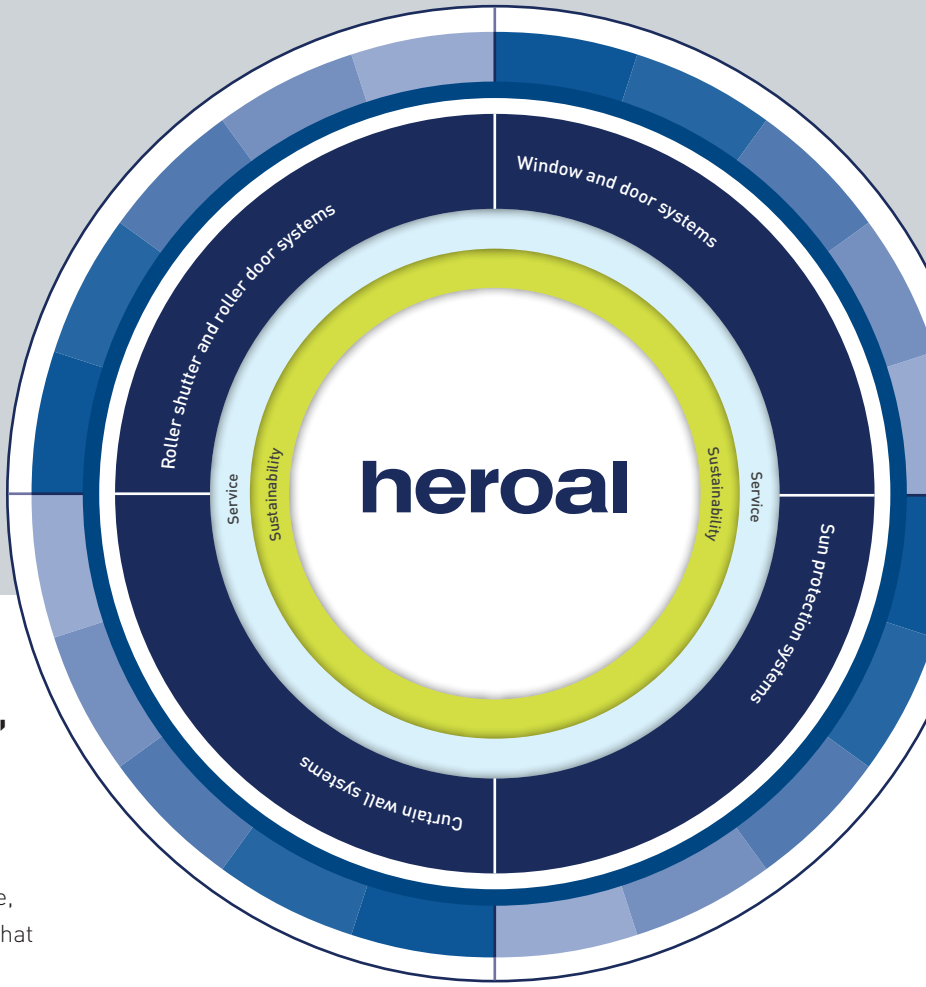
Surface finishing is an integral part of heroal system components. heroal offers optimally coordinated systems for windows, doors and curtain walls as well as roller shutters, roller doors and sun protection.
hwr powder coating from heroal offers quality finishing from in-house coating facilities. As attested by the Qualicoat seal and the company's designation as an official GSB Premium Coater, heroal leads the way in quality! In addition to powder coating, heroal also offers customers Eloxal surfaces and decorative laminates. Two-layer thick coatings from heroal are especially popular for roller shutters. heroal delivers its entire product portfolio directly ex-works and is therefore able to guarantee its partners the shortest possible delivery times.

## Our Service Consistently Aims to Fulfil Your Requests

In addition to a comprehensive system portfolio with perfectly coordinated products, heroal also offers the most unique and effective service in the industry, based on a consistent focus on the requirements, requests and needs of the customer.
The basis for heroal service, apart from trained employees, is the company's in-house , energy-efficient production made in Germany, characterised by unparalleled vertical integration and process security, which guarantees that fabricators, architects and developers obtain products of the highest quality for sustainable, economical and value-enhancing construction. Another crucial factor for ensuring this is the new heroal logistics centre, with an area of approximately 40,000 m² and its own fleet of trucks. Heroal's service portfolio is further enhanced by a test-centre for roller shutters, roller doors, sun protection, windows, doors and curtain walls, which is also available for customer use and includes a test stand certified by ift Rosenheim for air, water and wind – and this in addition to the company's own highly efficient service for bending and edging profiles: something no other systems supplier in the industry offers its customers from its own production facilities.

# heroal – the Aluminium Systems Supplier

As one of the leading aluminium system suppliers, heroal develops and produces optimally coordinated systems for windows, doors, curtain walls, roller shutters, roller doors and sun protection, as well as folding and sliding shutters, insect screens, terrace roofs and carports. Thanks to minimum energy consumption in manufacturing and maximum energy conservation while in use, heroal system solutions make a decisive contribution towards sustainable building, while also offering highly economical processing and increasing the value of buildings.




# Innovation, Service, Design, Sustainability

The heroal brand stands for system solutions that combine practical innovations, industry-leading service, comprehensive sustainability and high-quality design that can be integrated into any architectural concept.

Roller Shutters | Sun Protection | Roller Doors | Windows | Doors | Curtain walls | Service

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