



heroal Les Couleurs® Le Corbusier® Door

heroal D 72



heroal

SIMPLY BETTER. DESIGNED.



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Colour Is Our Strength

Now As heroal Les Couleurs® Le Corbusier® Door

heroal is the market leader in the field of aluminium house door profiles and has possessed a very high level of coating expertise for many years. Through an exclusive partnership with Les Couleurs® Le Corbusier®, we are expanding our high-quality range of finishes and granting you access to a total of 63 Polychromie Architecturale colour shades. The result: heroal Les Couleurs® Le Corbusier® Door – **SIMPLY BETTER. DESIGNED.**

**Take advantage of the exclusive heroal
Les Couleurs® Le Corbusier® door including infill panel!**

You will get everything from a single source within two weeks:

- » high-quality system profiles,
- » high-quality house door infill panels
- » and fittings if required – all with the best heroal hwr powder coating in Le Corbusier colours

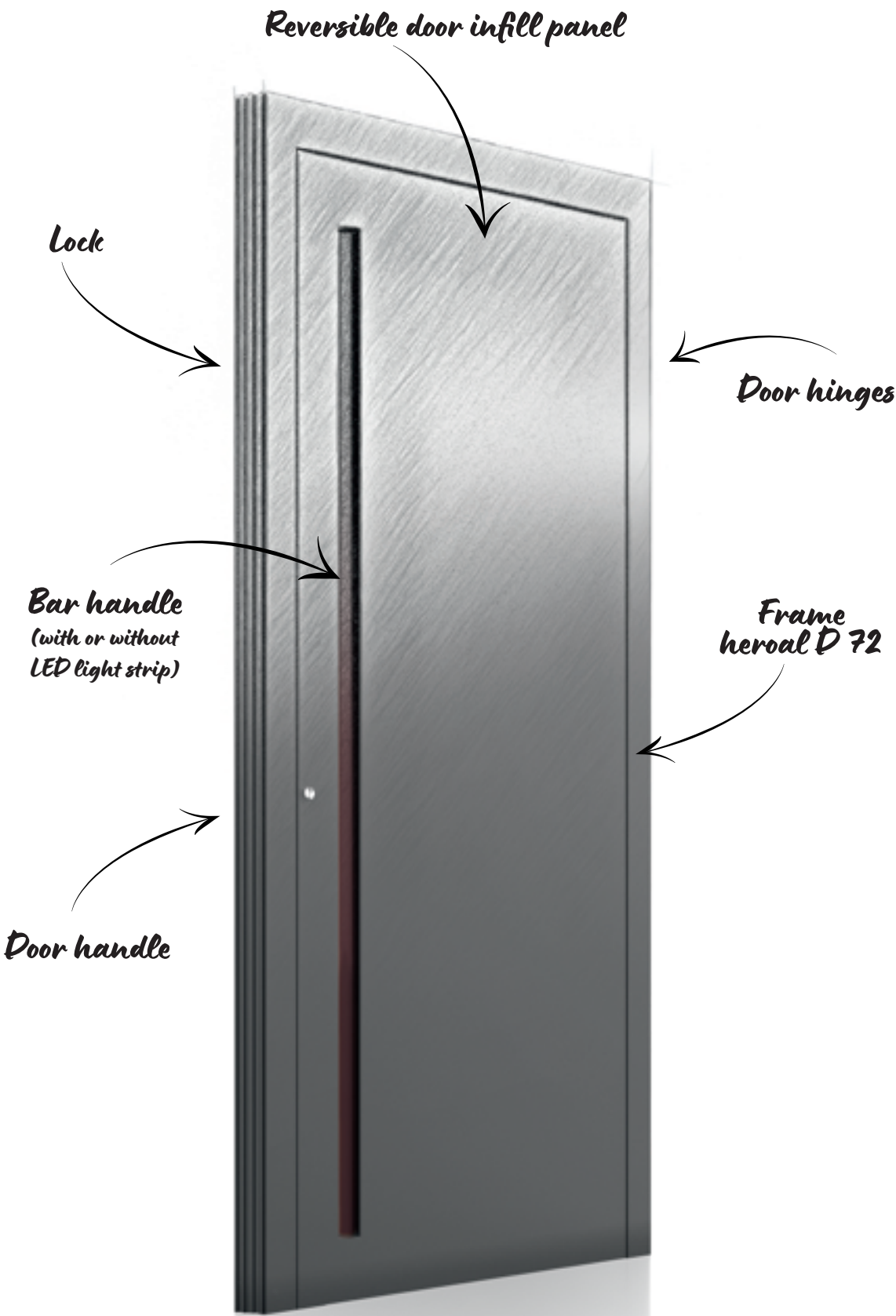
Over the following pages you will get an insight into the approach to colour design taken by the architect Le Corbusier and an overview of the opportunities offered by the new heroal Les Couleurs® Le Corbusier® house door infill panel. In addition, we present selected options available with the door system heroal D 72. Further information relating to this can be found in the brochure 88269.

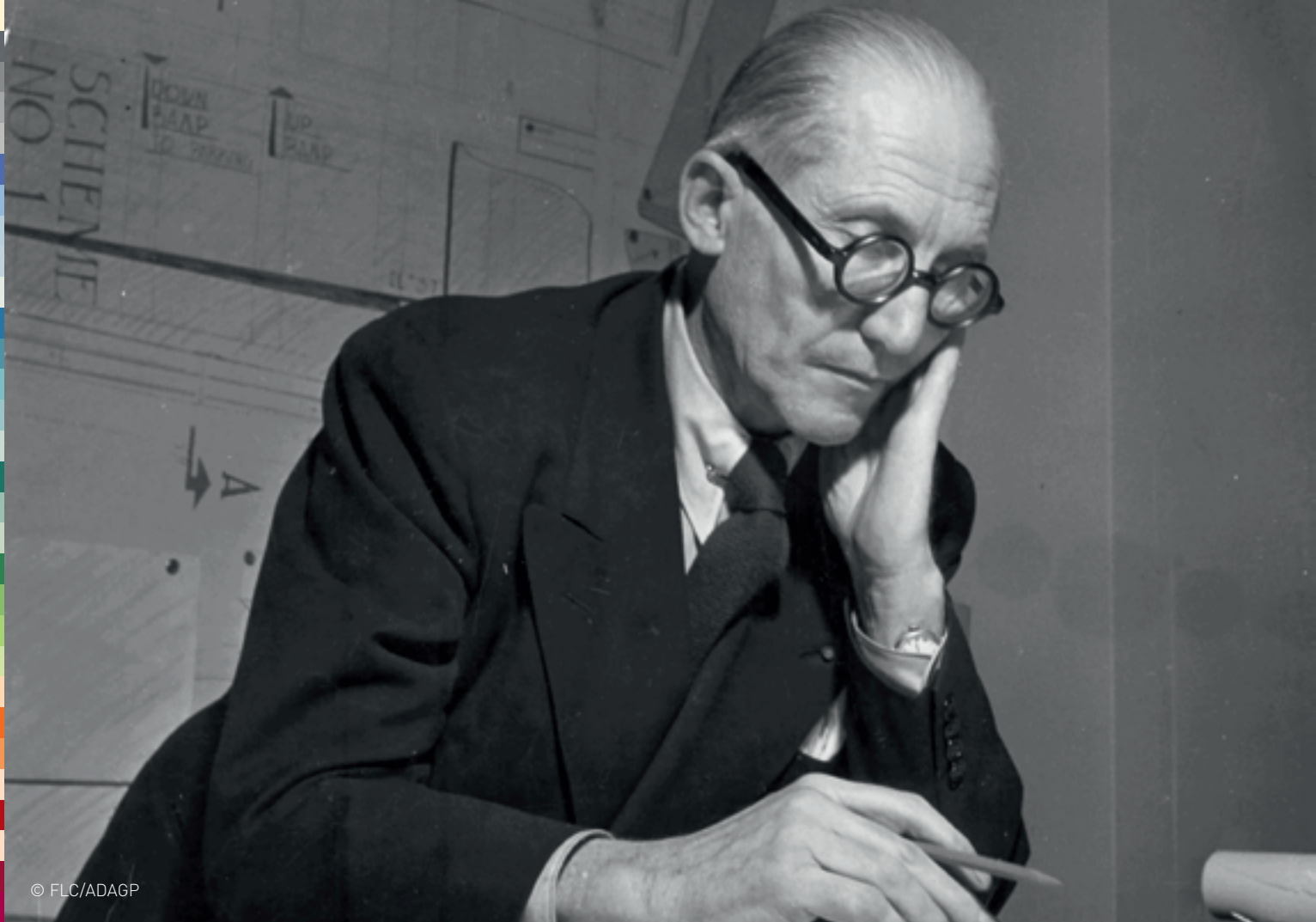
Take advantage of the potential offered to you by this architecturally high-quality house door.

We look forward to shared success!



Kai Luszyk





© FLC/ADAGP

Le Corbusier

Polychromie Architecturale

„Colour in architecture – a tool as powerful as the floor plan and section.”

Le Corbusier (1887-1965) is considered to be one of the most famous architects of the 20th century and continues to have a profound influence on modern architecture today. During his lifetime, he created numerous urban development plans and built some pioneering buildings. In 2016, 17 of his buildings were added to the UNESCO World Heritage List, attesting to the globalisation of the modern movement.

Drawing on his experiences working with structure, volume and colour, he developed two colour collections in 1931 and 1959: Polychromie Architecturale. The two colour ranges consist of a total of 63 fascinating shades from nine colour groups.

Based on natural-looking basic colours, they conjure up associations with our environment: space, sky, walls, sand, landscape ... Each colour is eminently architectural and naturally harmonious. All colour shades can be combined with one another in impressive fashion and embody spatial effects.

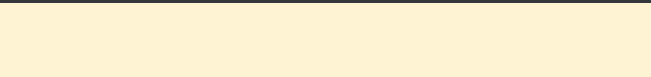





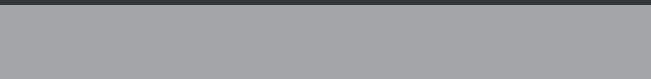

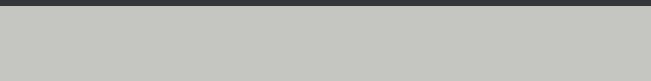















**„Colour modifies space, classifies objects, has a physiological effect on us and reacts strongly to our sensibilities.”
(Le Corbusier)**



© FLC/ADAGP | Photo: Olivier Martin-Gambier 2006







Colour Overview

Le Corbusier Colour Collection from 1931 in hwr Quality

	heroal colour code 602		heroal colour code 787
	heroal colour code 765		heroal colour code 788
	heroal colour code 766		heroal colour code 789
	heroal colour code 767		heroal colour code 791
	heroal colour code 768		heroal colour code 797
	heroal colour code 776		heroal colour code 635
	heroal colour code 777		heroal colour code 773
	heroal colour code 778		heroal colour code 801
	heroal colour code 780		heroal colour code 802
	heroal colour code 781		heroal colour code 803
	heroal colour code 782		heroal colour code 811
	heroal colour code 786		heroal colour code 813

Colour Overview

Le Corbusier Colour Collection from 1931 in hwr Quality

	heroal colour code 814		heroal colour code 818
32122 terre sienne claire 31		32131 ombre brûlée claire	
	heroal colour code 815		heroal colour code 819
32123 terre sienne pâle		32141 ombre naturelle moyenne	
	heroal colour code 817		heroal colour code 820
32130 terre d'ombre brûlée 31		32142 ombre naturelle claire	

Colour Overview

Le Corbusier Colour Collection from 1959 in hwr Quality

	heroal colour code 603		heroal colour code 799
	heroal colour code 816		heroal colour code 631
	heroal colour code 769		heroal colour code 783
	heroal colour code 790		heroal colour code 800
	heroal colour code 772		heroal colour code 775
	heroal colour code 823		heroal colour code 650

Colour Overview

Interior Colours – Le Corbusier Colour Collections from 1931 and 1959

	
32020 bleu outremer 31 heroal colour code 525	32101 rouge rubia heroal colour code 596
	
32021 outremer moyen heroal colour code 530	32140 ombre naturelle 31 heroal colour code 600
	
32022 outremer clair heroal colour code 535	4320A rouge vermillon 59 heroal colour code 622
	
32030 bleu céruleen 31 heroal colour code 540	4320C rose vif heroal colour code 662
	
32040 vert anglais heroal colour code 548	4320G vert 59 heroal colour code 624
	
32050 vert foncé heroal colour code 552	4320K bleu outremer 59 heroal colour code 646
	
32051 vert 31 heroal colour code 555	43200 gris clair 59 heroal colour code 649
	
32080 orange heroal colour code 570	4320S orange vif heroal colour code 663
	
32081 orange clair heroal colour code 585	4320T bleu outremer foncé heroal colour code 651
	
32090 rouge vermillon 31 heroal colour code 588	4320W le jaune vif heroal colour code 655
	
32100 rouge carmin heroal colour code 591	

Colours may differ from the original Le Corbusier colours for technical printing reasons.
Please see the heroal Les Couleurs® Le Corbusier® colour charts for the original colour shades.

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, lifting/sliding doors, roller shutters, sun protection and roller doors. Processors, developers and architects thus get a degree of design freedom for private construction and the building industry that is **SIMPLY BETTER.**: with timeless, up-to-date colours that demonstrate 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.

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”.



Two-Colour Design

Exterior and Interior Colours – As Desired

With heroal, building shells can now also be designed in Le Corbusier colours: windows, doors, curtain walls, lifting/sliding doors, roller shutters, sun protection and roller doors in original Le Corbusier colours provide additional enhancement for architecture.

The aesthetic diversity of these colours encourages the combination of several colour shades in the design. With the heroal D 72 house door, frames, infill panels, bar handles and hinges can feature different colours according to the customer's wishes – including internally and externally.

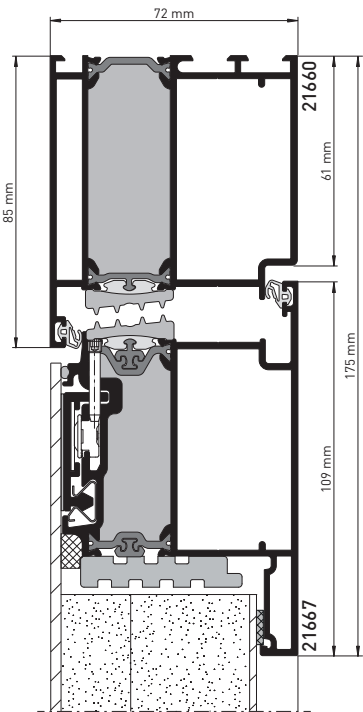
The Le Corbusier colour range thus ensures convincing colour design. Furthermore, the heroal online configurator supports you with the individual composition of the entire door, including all of its components.



Door Infill Panels

Colours and Functions – in Wonderful Harmony

The new heroal Les Couleurs® Le Corbusier® house door infill panel always combines the best materials, the highest



functionality and maximum flexibility with the unique Le Corbusier colour range.

It is offered for the casements of the heroal D 72 door system:
» with an infill panel with a thickness of 60 mm for the casement profile 21667 (installation depth of casement profile 72 mm)
» with an infill panel with a thickness of 70 mm for the casement profile 21649 (installation depth of casement profile 82 mm)

In each version, the door infill panel in resistance class RC 2 according to EN 1627 offers a high level of security. It is permitted without restriction in the heroal D 72 profile system for burglar-resistant doors.

Thermal Protection Performance

heroal Les Couleurs® Le Corbusier® house doors achieve outstanding thermal and soundproofing values through the combination of frame profile, casement profile and bar handle. This is ensured by the insulating core made of PU foam with an apparent density of 60 kg/m³. With a door size of 1,230×2,180 mm and an infill panel thickness of 60 mm, a U_g value of 0.91 W/m²K is achieved; with an infill panel thickness of 70 mm, a U_g value of 0.87 W/m²K is attained.

The Innovative Reversible Infill Panel Fixing

The heroal Les Couleurs® Le Corbusier® door infill panel also offers the innovative fixing technology for single-sided casement-enclosing house door infill panels (CCI) or attachment infill panels at the factory: the pre-fabricated infill panel is simply attached to the casement through jointing – without time-consuming full-surface panel adhesion using 2-part adhesives – as is usual for heroal door systems.

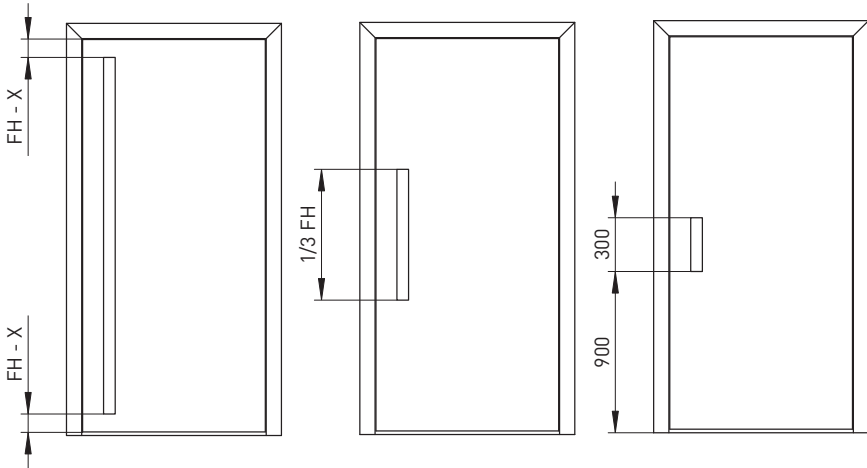
This type of infill panel fixing is beneficial for processors: the simple, time-saving infill panel installation can be carried out belatedly on the construction site. Should design requirements change, the infill panel can be just as easily removed. For infill panel installation, heroal offers an accessory set with all necessary items.

heroal Item Number	Designation	Contents
19924 00 00	Accessory set for reversible infill panel fixing	<ul style="list-style-type: none">• Securing pins• Holding brackets• Compriband• Sealing cord• Preformed strip

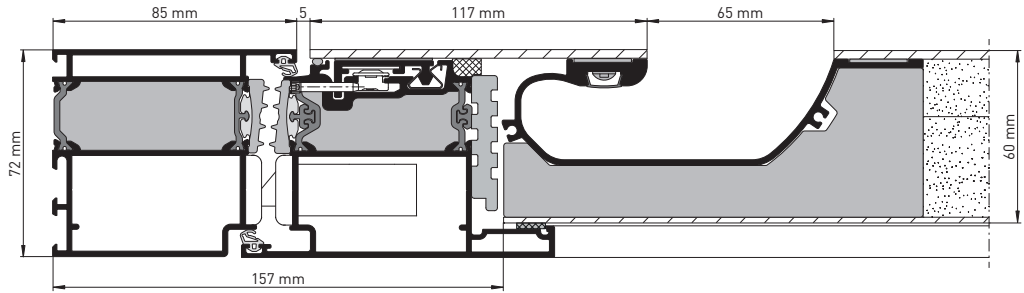


Bar Handles on the heroal Les Couleurs® Le Corbusier® House Door Infill Panel

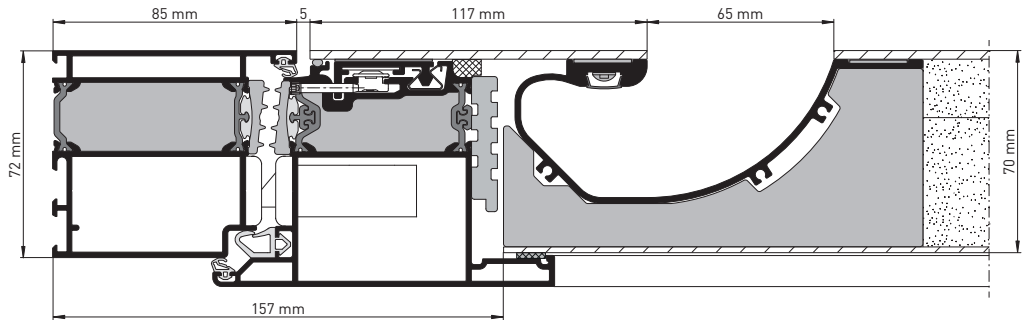
The ergonomic, visually appealing bar handles replace the classic push handle on the exterior. They can be coated in Le Corbusier colours, setting subtle or striking accents. The bar handle is available in three lengths with or without LED light strips.



Depending on whether the casement design is flush or protruding, the corresponding bar handle is chosen. They differ with respect to their installation depth:



Bar handle depth for flush casement: 37.5 mm



Bar handle depth for protruding casement: 50 mm

LED Light Strips Set Accents

Solutions for Extra Brightness and Design

Optional LED light strips with cold or warm light set additional accents and can be integrated into the bar handle: they also impress with their long life and low energy consumption.

heroal Item Number	LED Light Strip	Light Colour	LED/m	Colour temperature	Power/Protection
19926 00 00	LED light strip, warm	Warm white	120	3,000 K	12 V / IP65
19927 00 00	LED light strip, cold	Neutral white	120	4,000 K	12 V / IP65

Locks and Hinge Fittings

Extremely Functional and Secure – Fitting Technology



heroal DF Fitting Technology
House and entrance doors generally remain in buildings for decades: flexible, adaptable fitness for purpose and looks are therefore of particular significance. heroal DF fitting technology follows the universal design approach, ensuring individual adaptability to user needs at any time.



Fingerprint
heroal door fittings offer intuitive handling and easy usability. They are compatible with the latest technologies, for example Bluetooth and keyless entry, further enhancing convenience. Keyless entry not only includes door opening using an app; fingerprint access solutions can also be integrated.

Hinge Coating

Le Corbusier Colours – Down to the Detail



Hinges can also be coated in Le Corbusier colours: When using the same shades, optimally coordinated authentic colours are guaranteed for the casement, internal panel and hinges. Simply choose the right colour!

heroal Item Number	Designation
13401	2-part mounted door hinge, flush
13413	2-part mounted door hinge, protruding
13421	3-part mounted door hinge, flush
13414	3-part mounted door hinge, protruding
11090	3-part roller door hinge, flush
10693	3-part roller door hinge, protruding

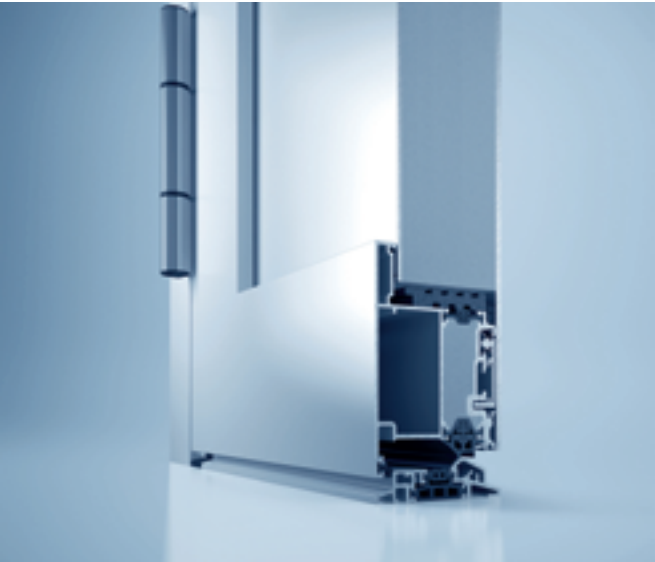


House Door Details

A Genuinely Wide Range of Versions

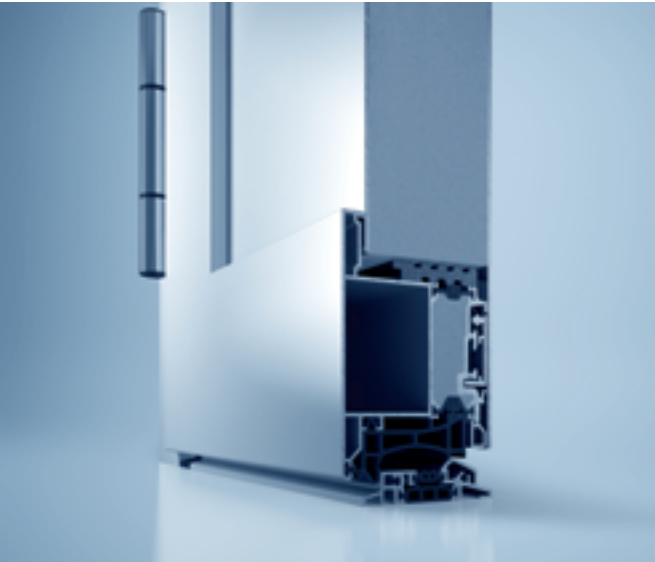
Casement and Door Variants

heroal offers heroal Les Couleurs® Le Corbusier® house 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.



Flush with a casement installation depth of 72 mm

With respect to the high-quality hinge fitting technology, both roller and mounted hinge variants are available. Moreover, the house doors are equipped with a new, processing-optimised threshold seal, and barrier-free threshold profiles provide easier access.




Protruding with a casement installation depth of 82 mm

Performance Features

The heroal Les Couleurs® Le Corbusier® house door features impressive heroal technology when it comes to burglary protection too: the profile, fitting and infill panel technologies offer burglary protection up to resistance class RC 2 as guaranteed standard. They thus comply precisely with police recommendations for anyone who wants an all-round sense of security.

Alongside certified burglary resistance, the warp-resistant profile compound patented by heroal was also integrated in this house door system. This ensures that all elements can be opened and closed smoothly irrespective of the weather and solar radiation.

 0.87	 4	 9A	 C4	 RC 2	 4
Heat insulation (U _d in W/m²K)	Air permeability	Tightness against driving rain	Wind load resistance	Burglary resistance	Shock resistance

Make a Move – with Le Corbusier

The heroal Service for Processors



heroal is happy to support processors with the marketing of these architecturally high-quality house doors in the Le Corbusier design – through extensive partner marketing measures: in this context, heroal not only provides customisable marketing materials such as brochures or heroal colour charts. In the online tool heroal Communicator, further information such as technical details, test documents, CAD data and much more can also be found in the twinkling of an eye.

New Now: the heroal Online Configurator

Whether it's a question of the construction form, the direction in which the door opens, the Le Corbusier colours or fittings details: with the new heroal online configurator, every heroal Les Couleurs® Le Corbusier® house door can be systematically and specifically put together – test out the configurator directly: www.heroal.de/haustuerkonfigurator or request all information to integrate it into your website: marketing@heroal.de.

It goes without saying that personal heroal contacts and the heroal sales team are also available to answer additional questions. By the way, heroal can also offer another highlight: All required components for the assembly of the heroal Les Couleurs® Le Corbusier® door will be with you in two weeks!



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

heroal – Johann Henkenjohann GmbH & Co. KG

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