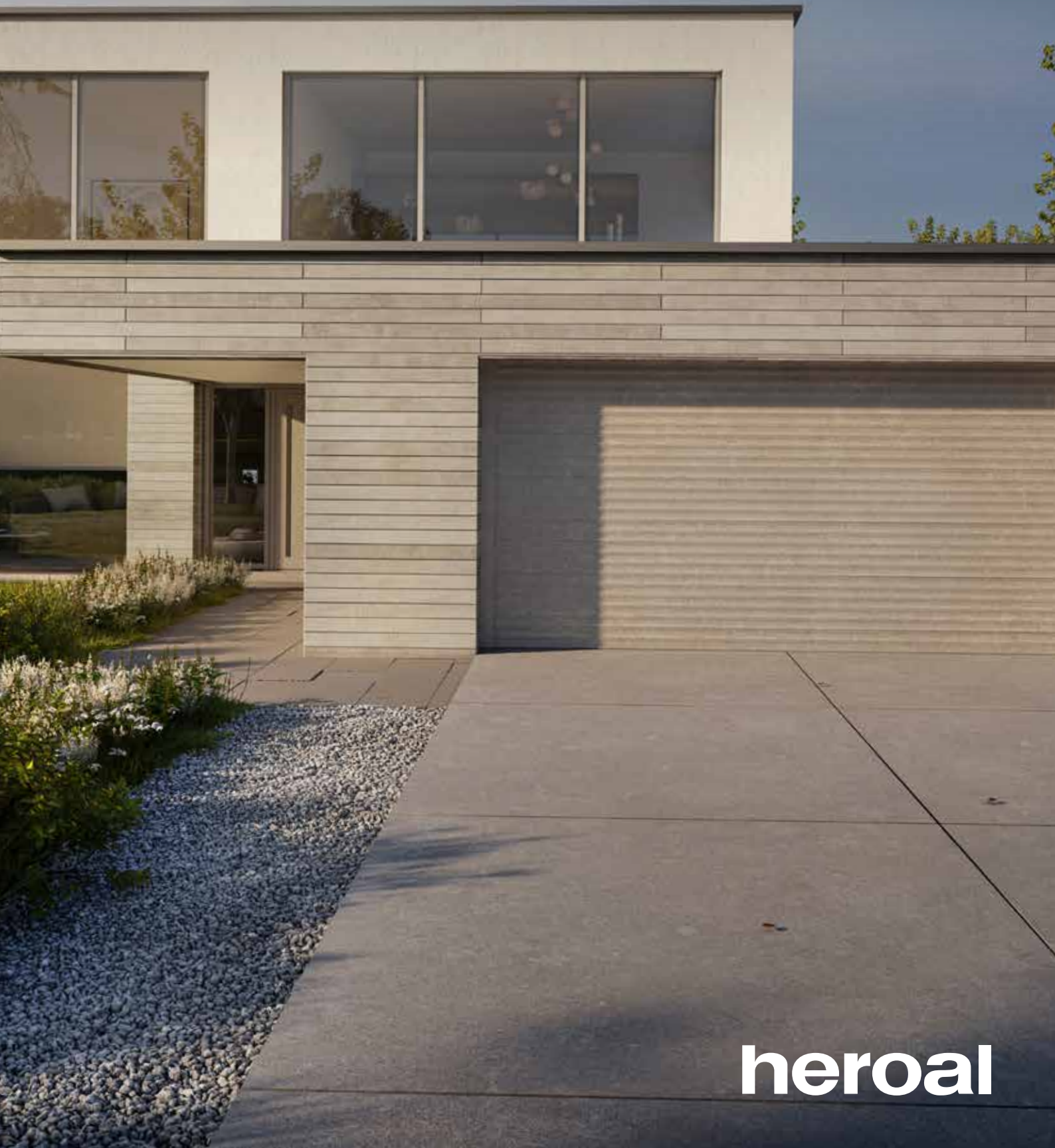


TÜV-tested and CE-certified heroal roller doors, overhead doors and roller grilles
fabricated from high-quality aluminium alloy

heroal roller door systems



heroal

Coordinated heroal roller doors, overhead doors and roller grilles

Premium materials, solutions that are technically coordinated down to the last detail and a wide range of designs are what distinguish the efficient heroal systems solutions. Innovative solutions for the building shell manufactured from aluminium and aluminium composites make heroal the reliable partner of choice for architects, planners, fabricators and builders.

Architects and planners value the huge variety of design options, while heroal specialist partners benefit from the economical and efficient heroal system solutions and builders are able to realise their specific preferences with a reliable system.

Whether roller doors, overhead doors or roller grilles, durable aluminium alloy is used as the material. heroal roller door systems are TÜV-tested and CE-certified and achieve the best results in terms of opening and closing speed, energy-efficiency, service life, protection against hail and storms and soundproofing. Exceptional operating comfort can be achieved by connection to Smart Home systems. As an innovative and customised pre-fabricated door or as typical heroal items sold by length for industrial fabrication – heroal roller door systems are always delivered on time and tailored to your needs.



heroal roller door systems

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Perfectly planned and delivered ready for installation on site if needed

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heroal roller door systems

Perfectly planned and delivered ready for installation on site if needed

Perfectly planned and delivered ready for installation on site!

Satisfy the highest demands and flexibly adapt to individual installation situations in industrial, commercial and private buildings with the heroal pre-fabricated roller doors. The diverse range of heroal pre-fabricated door innovations sets itself apart thanks to our decades of know-how in the development and fabrication of aluminium profile systems. This new generation of pre-fabricated doors is delivered completely pre-assembled, with panel box, curtain, drive and all accessory parts. Upon request, they can even be ready for installation as a construction site package within 14 days!

For heroal partners, maximum fabrication efficiency of the roller door systems is a critical advantage: optimisation of the common parts ensures easy and fast installation.

heroal quality made in Germany

All heroal roller doors, overhead doors and roller grilles have been awarded the "Type-tested" certification and guarantee maximum quality and security. And heroal makes no compromises, even when it comes to the packaging: the preassembled assemblies and components of the heroal prefabricated doors are packed in just one to two packaging units. This saves space as well as ensuring safe and secure transport and storage.

Countless applications – one range

All heroal roller door systems are available as prefabricated doors ready for on-site installation. You can choose between roller doors with open and closed installation. The heroal RD 55 is ideal for small to medium-sized doors with little installation space thanks to its particularly small barrel diameter. For very large elements and with versatile equipment options as well as maximum environmental and weather resistance, the heroal RD 75 roller door is the best option. The portfolio also includes the heroal OD 75 overhead door with lateral and centre drive for installation situations with a low lintel. The heroal overhead doors are also suitable for large garage doors. The heroal RG 90 roller grille with open or closed installation for buildings requiring special protection as well as underground garages perfectly rounds out the heroal roller door range.

Aesthetic look – proprietary technology

The closed installation of the heroal roller door and the heroal roller grille in the panel box is elegant in design while protecting the door from environmental influences. Thanks to the wide range of equipment options, this type of installation is ideal for both private and commercial use. The box can also be quickly and efficiently installed afterwards.

Space-saving solution for large heroal roller door systems

Where particularly wide and high heroal roller doors and heroal roller grilles are required, the open installation without panel boxes is the perfect solution to make optimum use of the available space, such as in the industrial sector or in underground garages. The small number of components help make the open installation particularly efficient. All roller doors and roller grilles are also available with gear motors in open installation – with faster opening and closing cycles, designed for high-traffic applications as well as large element dimensions and heavy curtain weights.

heroal RD 55

Narrow roller door system with small barrel diameter



The heroal RD 55 roller door system is a narrow system with a small box size. The roll-formed slat is particularly slender and close-winding with a covering width of 55 mm. The heroal RD 55 roller door system can be used to create elements with a clear width of up to 3,500 mm and a clear height of 3,000 mm. The system can be installed either open or in a closed box system for which box sizes of just 254 mm can be used.

Versions and design

- » open installation, interior
- » closed installation, interior or exterior
- » large choice of colours
- » highly weather-resistant surface coating with heroal 2-layer thick coating for slats and panels
- » extremely weather-resistant surface thanks to the high-quality hwr powder coating for panels, panel caps, guides and end slats

Soundproofing and acoustics

- » optimised noise insulation
- » quiet, even operation
- » low noise generation in closed state

System sizes and system features

- » covering width: 55 mm
- » nominal thickness: 14 mm
- » max. clear width/max. clearance: 3,500 mm / 3,000 mm
- » max. clear area: 10.5 m²
- » barrel diameter: 217 mm for a curtain height of 2,500 mm
- » wind load resistance class 2 for a clear width of up to 2,500 mm
- » hail impact class 5

System benefits

- » high wind load resistance
- » minimal panel box sizes: 230 mm and 254 mm
- » clear maximum dimensions of 3,500 mm x 3,000 mm possible
- » comfortable, ready-to-install delivery
- » optional equipment, such as emergency hand crank and remote control possible.

heroal RD 75

Versatile roller door system for high wind loads and large elements



The heroal RD 75 roller door system is ideal for the compact installation of large roller doors with a maximum clear width of 6,000 mm and a maximum clearance of 5,000 mm. Thanks to a slat covering width of 75 mm as well as numerous slat and equipment variants, the system offers a customised solution for every installation situation in private as well as commercial applications. The system can be installed in an open as well as closed box system with box sizes of up to 365 mm. The closed installation of the roller door in the panel box is a particularly elegant design while protecting the roller door from environmental influences. The heroal RD 75 roll-formed slat in a puristic design is also available with clear trend lines (heroal RD 75 TL). The heroal RD 75 E extruded slat increases the stability of the curtain to make larger surfaces possible.

Versions and design

- » open installation, interior
- » closed installation, interior or exterior
- » select between three slat variants
- » complement with visual, grille and ventilation profiles
- » large choice of colours
- » large selection of security equipment and accessories
- » highly weather-resistant surface coating with heroal 2-layer thick coating for roll-formed slats and panels
- » extremely weather-resistant surface thanks to the high-quality hwr powder coating for panels, panel caps, guides, end slats and extruded slats

Soundproofing and acoustics

- » optimised noise insulation
- » quiet, even operation
- » low noise generation in closed state

System sizes and system features

- » covering width: 75 mm
- » nominal thickness: 20 mm
- » max. clear width/max. clearance: 6,000 mm / 5,000 mm
- » max. clear area of 16 m² with heroal RD 75, heroal RD 75 TL
- » max. clear area of 19 m² with heroal RD 75 E
- » wind load resistance class 4 with heroal RD 75 and heroal RD 75 TL as well as with clear widths up to 4,750 mm
- » wind load resistance class 2 with heroal RD 75 E as well as with clear widths up to 4,750 mm
- » hail impact class 6

System benefits

- » panel box sizes: 300 mm and 365 mm
- » maximum clear dimensions of 6,000 mm x 5,000 mm possible
- » comfortable, ready-to-install delivery
- » delivery with guide rail including cabin hook locking device as standard
- » mandatory equipment with anti-fall device
- » optional equipment, such as an anti-push-up device, emergency hand crank and hollow section end slat, available

heroal RD 75

Overview of slat variants and additional profiles

For greater ventilation or more light, the roller door curtain can be supplemented with visual, grille and ventilation profiles – with colour accents also possible to enhance the design.



Grille profile with expanded metal as ventilation profile



heroal RD 75 TL – roll-formed roller door slat with grooves



Visual profile with macrolon, also available as an open grille profile



heroal RD 75 E – extruded roller door slat



Ventilation profile for clockwise and counterclockwise rollers

heroal RG 90

Secure roller grille system for commercial buildings and those requiring special protection



The heroal RG 90 roller grille system is a system solution for commercial buildings with high security requirements (e.g., banks, jewellery stores). Its ability to provide a constant air flow also makes it ideal for entrances to underground garages. The roller door curtain consists of fully extruded profiles, making it extremely stable as well as providing flexible colour options. Thanks to their closed installation in the panel box of 300 mm, the roller grilles of the heroal RG 90 system can be elegantly adapted to the existing architecture. It can also be installed without a box, for even larger dimensions.

Versions and design

- » open installation, interior
- » closed installation, interior or exterior
- » design arrangement: even or offset
- » large choice of colours
- » highly weather-resistant surface coating with heroal 2-layer thick coating for panels
- » extremely weather-resistant surface thanks to the high-quality hwr powder coating for panels, panel caps, guides, end slats and profiles

Acoustics

- » quiet, even operation



Offset design arrangement

System sizes and system features

- » covering width: 90 mm
- » nominal thickness: 14 mm
- » max. clear width/max. clearance: 4,500 mm / 4,000 mm
- » max. clear area: 18 m²
- » air passage: 0.045 m² / LM or 0.491 m² / m²

System benefits

- » maximum clear dimensions of 4,500 mm x 4,000 mm possible
- » good air passage of 0.045 m² / m² or 0.491 m² / m²
- » low lintel requirement up to 302 mm
- » comfortable, ready-to-install delivery
- » mandatory equipment with anti-fall device
- » optional equipment with an emergency hand crank



Even design arrangement

heroal OD 75

Compact overhead door system with low lintel requirement



The heroal OD 75 overhead door system was specially developed for installation situations with little installation space. The installation with lateral drive is particularly compact. The heroal OD 75 overhead door system with lateral drive (figure above) is perfect for small garages with low lintel heights. Just 65 mm is enough to install the compact drive technology on the guide rail directly under the ceiling, making installation particularly easy and economical.

The heroal OD 75 overhead door system with centre drive (figure below) supports overhead door with large formats, even with low lintel heights of just 135 mm. Thanks to the central power transmission on the curtain, the heroal OD 75 overhead door system with element dimensions of up to 4,000 x 4,000 mm can be operated safely and reliably – even under heavy loads.

Versions and design

- » space-saving installation when installed with lateral drive
- » central power transmission when installed with centre drive
- » optional concealment of the lintel
- » select between two slat variants
- » complement with visual, grille and ventilation profiles
- » large choice of colours
- » highly weather-resistant surface coating with heroal 2-layer thick coating for roll-formed slats and panels
- » extremely weather-resistant surface thanks to the high-quality hwr powder coating for panels, guides, end slats and extruded slats

Soundproofing and acoustics

- » soft opening start: Soft-Start
- » soft end of closing: Soft-Stop
- » optimised noise insulation
- » quiet, even operation
- » low noise generation in closed state

System sizes and system features

- » covering width: 75 mm
- » nominal thickness: 20 mm
- » hail impact class 6
- with lateral drive**
- » max. clear width/max. clearance: 2,750 mm / 2,500 mm
- » max. clear area: 7 m²

- » wind load resistance class 4 for a clear width of up to 2,750 mm

with centre drive

- » max. clear width/max. clearance: 4,000 mm / 4,000 mm
- » max. clear area: 16 m²
- » wind load resistance class 4 for a clear width of up to 3,250 mm

System benefits

- » automatic obstacle detection
- » integrated garage lighting
- » radio equipment with handheld transmitter
- » manual drive disconnection
- » comfortable, ready-to-install delivery
- » mandatory equipment with anti-fall device
- » optional equipment with an emergency hand crank

Security and comfort

Versatile equipment options

heroal roller doors provide increased burglary resistance without any design limitations. The added security is guaranteed by special product features such as the thick material and high bending strength as well as the exceptional stability of the guide rails, which are fitted with additional crosspieces, especially in connection with the cabin hook



Anti-push-up device

Burglar-resistant and gentle on the curtain – the three-part anti-push-up device for the heroal RD 75 roller door system with added textile protects the curtain against abrasion and makes it difficult to open it manually under pressure. Also available as direct axle attachment.



Guide rail with cabin hook locking device

A perfect combination: the guide rail heroal URF 100 and the locking device of the heroal RD 75 slat provide increased stability and thus additional burglary resistance and maximum wind load resistance.



Curtain with hollow section end slat

The hollow section end slat gives wider doors additional stability and optimum guidance of the curtain in the rails. Available for heroal RD 55 and heroal RD 75 roller door systems – integrated from clear widths > 3,750 mm. A strengthening profile is included as a standard component across all widths for the heroal RG 90 roller grille system.

locking device of the roll-formed curtain. To make it even more difficult to push up the slats, the roller door can be fitted with an anti-push-up device.



Sliding barrel system

Open installation with sliding barrel system for the heroal RD 75 roller door system: flexible positioning of the axle for optimum winding behaviour, particularly suitable for high elements. The sliding barrel system is automatically included in heroal prefabricated doors from clearances of 4,000 mm and is always integrated in open installations with geared motor.



Anti-fall device

The ball bearing-mounted safety equipment catches and supports the curtain safely on all heroal roller door systems as an emergency measure in case of an uncontrolled unwinding.



Emergency hand crank

When no second exit is available: the emergency hand crank allows the user to open and close the door manually if the door can't be operated normally and there is no other way to leave the premises. Different variants enable installation to suit the application, such as exterior and lockable solutions. Available for all heroal roller door systems.



heroal MT-4 roller door control system

The heroal MT-4 roller door control system in the discreet, dark design fulfils the new Standby Ecodesign Regulation (EU) 2023/826. It has an integrated radio antenna in the control panel and is protected in line with IP65. To easily control 230 V or 4-ampere tubular motors.

Colour selection

Standard and special colours

All heroal roller door systems receive a high-quality coating making them exceptionally colour-fast and durable. Apart from that, it also offers virtually unlimited freedom of design. The extruded components of the heroal roller doors (e.g. guide rails) are coated with the high-quality heroal hwr powder coating. The heroal hwr powder coating is available in the RAL colours as well as the exclusive Les Couleurs® Le Corbusier shades. A striking look (e.g. wood, concrete, rust) can also be achieved with the heroal SD coating method.

The heroal 2-layer thick coating is used for roll-formed aluminium components (e.g. roller door slats). It is also extremely weather-resistant and even certified for demanding maritime applications. Despite the different coating methods, the surfaces of the extruded and roll-formed components are harmoniously coordinated.

Colour category	Colours	Colour number	Colour name	similar to RAL	Slats				Guides				Panels					
					heroal RS 55 SL	heroal RD 75 I heroal RD 75 TL	heroal RD 75 E	heroal RG 90	Visual/grille profile heroal RD 75	Ventilation profile heroal RD 75	heroal RD 55, heroal RG 90 heroal LURF 85	heroal RD 75 I heroal LURF 100	heroal OD 75 I heroal DS 75	heroal RD 55 230, 254	heroal RD 75, heroal RG 90 300, 65	heroal OD 75 65, 100		
Standard colours		17	Traffic white	9016	•	•												
		18	Grey	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		19	Traffic white	9016			•	•	•	•	•	•	•	•	•	•	•	•
		20	Natural	9006	•				•	•	•	•	•	•	•	•	•	•
		22	Brown	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		23	Crème	1015	•	•												
		24	Dark beige	-	•	•												
		32	Light beige	-	•	•							•	•				
Standard colours		53	Anthracite grey	7016	•	•												
		71	Crème white	9001	•	•							•	•				

Colour category	Colours	Colour number	Colour name	similar to RAL	Slats				Guides				Panels					
					heroal RS 55 SL	heroal RD 75 I heroal RD 75 TL	heroal RD 75 E	heroal RG 90	Visual/grille profile heroal RD 75	Ventilation profile heroal RD 75	heroal RD 55, heroal RG 90 heroal LURF 85	heroal RD 75 I heroal LURF 100	heroal OD 75 I heroal DS 75	heroal RD 55 230, 254	heroal RD 75, heroal RG 90 300, 65	heroal OD 75 65, 100		
Special colours		09	Steel blue	5011		•												
		10	Grey aluminium	9007		•												
		20	Natural	9006		•												
		30	Oak	-		•												
		31	Teak	-		•	•											
		43	Moss green	6005		•												
		44	Black	9005		•												
		47	Purple red	3004		•												
		49	Fir green	6009		•	•											
		60	Jamaica brown	-		•												
		63	Light grey	7035		•												
		70	DB 703	-		•												
RAL colour		39		-			•	•	•	•	•	•	•	•	•	•	•	•
	heroal SD		306	Light douglas				•					•	•	•	•	•	•
			307	Golden oak				•					•	•	•	•	•	•
			312	Rust				•					•	•	•	•	•	•
			313	Light concrete				•					•	•	•	•	•	•
			315	Oregon 0970				•					•	•	•	•	•	•
			316	Oregon 0957				•					•	•	•	•	•	•
			317	Dark oak				•					•	•	•	•	•	•
			319	AnTeak				•					•	•	•	•	•	•
			320	Siena PN Noce				•					•	•	•	•	•	•
			321	Mahogany				•					•	•	•	•	•	•
			342	Natural oak				•					•	•	•	•	•	•
		345	Desert Oak				•					•	•	•	•	•	•	
	347	Slate				•					•	•	•	•	•	•		

System features and system dimensions

System dimensions and features

Curtain	Roll-formed						Extruded						
	heroal RD 55		heroal RD 75			heroal OD 75		heroal RD 75 E			heroal RG 90		
Installation type	Closed installation	Open installation	Closed installation	Open installation	Open installation with gear motor	Installation with lateral drive	Installation with centre drive	Closed installation	Open installation	Open installation with gear motor	Closed installation	Open installation	Open installation with gear motor
Covering width (mm)	55		75			75		75			90		
Nominal thickness (mm)	14		20			20		20			14		
Max. clear width (mm)	3500	5750	6000	2750	4000	4750	5000	6000	4500				
Max. clearance (mm)	3000	3750	5000	2500	4000	4000		5000	3250	4000			
Max. clear area (m²)	10.5		16			7	16	19			14.5	18	
Min. lintel height [mm] ¹⁾	231/252	293	305/367	293	65	100	367	405	305	320	390		
Barrel diameter (mm) ²⁾	217		272			-		290			259		
Wind load resistance ³⁾	1		4			4		4			5		
Hail impact class ⁴⁾	5		6			6		6			-		

Versions

Description	Roll-formed			Extruded	
	heroal RD 55	heroal RD 75	heroal OD 75	heroal RD 75 E	heroal RG 90
Visual, grille and ventilation profiles	-	•	•	•	-
Cabin hook locking device	-	•	-	-	-
Anti-push-up device	-	•	-	•	•
Hollow section end slat	•	•	-	•	-
Sliding barrel system	-	•	-	•	-
Anti-fall device	•	•	-	•	•
Emergency hand crank	•	•	-	•	•

- 1) Specifications per box size
- 2) For 2,500 mm curtain height
- 3) As per DIN EN 13241, for 3,000 mm clear width
- 4) As per VKF test regulations no. 02

Wind load resistance classes

heroal roller door system	heroal roller door slat	heroal guide rail	Clear width (mm)																	
			2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	
heroal RD 75	heroal RD 75 TL heroal RD 75 TL	heroal URF 100	>=4				4				3				2					
heroal RD 75 E	heroal RD 75 E	heroal URF 100	>=4				4				3		2		1		0			
heroal RD 55	heroal RS 55 SL	heroal URF 85	4	3	2	1	0													

Roller door slats

Description	heroal RS 55 SL	heroal RD 75	heroal RD 75 TL (Trend Lines) with grooves	heroal RD 75 E (Extruded)	heroal RD 75 visual and grille profile ⁵⁾	heroal RD 75 Ventilation profile ⁵⁾	heroal RG 90
3D illustration							
2D illustration							
Finished curtain weight [kg]	5.0	5.7	5.7	10.0	-	-	8.0

Design

Description	Roll-formed			Extruded	
	heroal RD 55	heroal RD 75	heroal OD 75	heroal RD 75 E	heroal RG 90
heroal hwr powder coating	-	-	-	•	•
2-layer thick coating	•	•	•	-	-
Eloxal coating	-	-	-	-	-
heroal SD	-	-	-	•	-
Les Couleurs® Le Corbusier	-	-	-	•	•

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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