heroal RD 75

Roller Door Systems and Pre-assembled Roller Doors

heroal

The smart solution in roller doors

First-class materials, technical perfection down to the last detail and a vast range of design options all make the efficient system technology from heroal a cut above the rest. These are the compelling advantages of heroal's work. For decades now, heroal has been a reliable partner to architects, builders and processors with its innovative solutions made from aluminium and aluminium composite materials for cladding. This is because we understand what they need: planners appreciate the wide variety of design options, builders can realise their individual ideas with a reliable system and our partners profit from economical and efficient heroal system solutions.

This is also true when it comes to heroal roller door systems: they define areas and secure rooms. They are compatible with the architecture yet flexible and easy to operate. Roller doors are more than just practical solutions in private homes and for industrial and commercial spaces; they are also visually sophisticated components in modern architecture. With heroal roller door systems, large openings in a structure can be closed with an eye to design and with little space needed.

The innovative, custom-built roller door system is now supplemented with custom-built, pre-assembled roller doors. This new generation is entirely pre-assembled and comes with all accessory parts, the curtain, drive and box – and can be delivered within 10 days upon request. The new generation of heroal roller doors, overhead doors, roller grilles and pre-assembled doors already meets future requirements for door systems. When it comes to speedy opening and closing, low-wear operation, maximum energy efficiency, service life, and convenience, these doors set the standards of tomorrow.

Discover the variety of heroal roller door systems today!

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Outstanding service from heroal

heroal RD 75 pre-assembled roller doors

Perfect planning – installation-ready delivery!
Meet rigorous standards and adapt flexibly to individual installation situations in industrial, commercial, and private buildings – heroal pre-assembled roller doors can do all that! Our decades of know-how in the areas of in-house development and production of aluminium profile systems have left their mark on the diverse line of heroal pre-assembled door innovations. This new generation of doors is fully pre-assembled and comes with the box, all accessory parts, the curtain, and the drive – completely assembled as a construction site package in only 10 days upon request.

For heroal partners, the greatest possible economic efficiency in door system processing is a key factor: optimisation of carry-over parts ensures quick, easy installation.

heroal quality made in Germany
For the TÜV-tested and GS-certified pre-assembled roller door RD 75 guarantees top heroal quality and safety. And heroal does not compromise – even when it comes to packaging. All of the components, including the box cap base, are completely integrated into the two packaging units. This ensures 100 percent safe transport and secure storage.

Security
» Extremely stable construction thanks to thick, roll-formed aluminium slats, polyurethane foam filling and special locking devices
» Optional: optoelectronic safety end slats and emergency crank handle
» Class 4 wind resistance with a clear width of up to 4,800 mm
» Secure packaging for transport and storage in two units

Soundproofing
» Extremely quiet curtain operation

Design
» Optional curtain also with visual and ventilation profiles
» Boxless or boxed installation possible
» Coverage width: 75 mm
» Max. clear width/clear height: 5,750 mm/5,000 mm
» Max. area: 16 m^2
» Highly weather-resistant coating with heroal's thick 2-layer coating or highly weather-resistant hwr coating
» Wide spectrum of colours

heroal roller door boxed installation

Attractive appearance – protected technology

Installing the roller door inside a panel box provides an elegant appearance while protecting the door against environmental and external influences. Versatile equipment options make this type of installation ideal for private and commercial applications. The panel box can also be retrofitted – quickly and economically. One more advantage of heroal system technology.

Security

» Superior protection against weather and environmental influences
» Top functional reliability: perfectly harmonised components made in Germany at heroal's high-quality production facilities
» Optimal stability due to high material thicknesses
» Outstanding wind load resistance with the new S locking device in conjunction with safety bars in the guide rails
» Wide range of security equipment, e.g. sliding barrel system, emergency crank handle and anti-push-up device
» TÜV-tested, GS seal, and CE mark

Soundproofing

» The enclosed box provides optimised insulation
» Extremely quiet operation due to rubberised infeed rollers
» Lower noise levels by means of special damping elements between the different components

Design

» 300 and 365 series panel systems
» Wide spectrum of colours
» Use of visual, grille and ventilation profiles
» Max. clear width/clear height: 5,000 mm/4,000 mm
» Max. area: 13.5 m^2

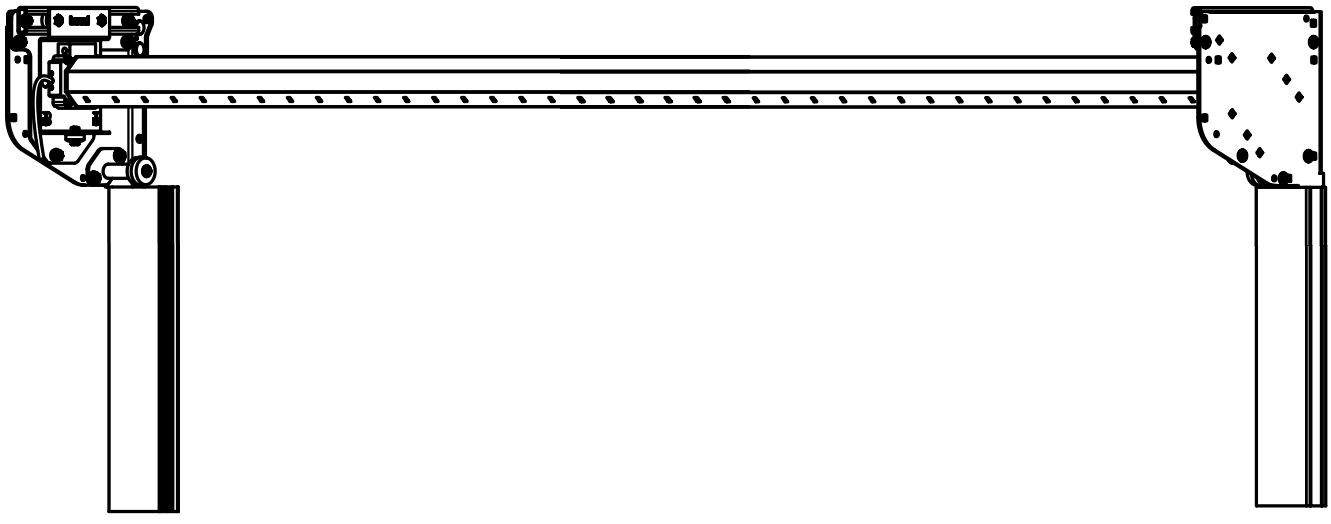
heroal roller doors boxless installation

Security

» Top functional reliability: perfectly harmonised components made in Germany at heroal's high-quality production facilities
» Optimal stability due to high material thicknesses
» Outstanding wind load resistance with the new S locking device in conjunction with safety bars in the guide rails
» Wide range of security equipment, e.g. sliding barrel system, emergency crank handle and anti-push-up device
» TÜV-tested, GS seal, and CE mark

Soundproofing

» Optimised sound insulation
» Extremely quiet operation due to rubberised infeed rollers
» Lower noise levels by means of special damping elements between the different components



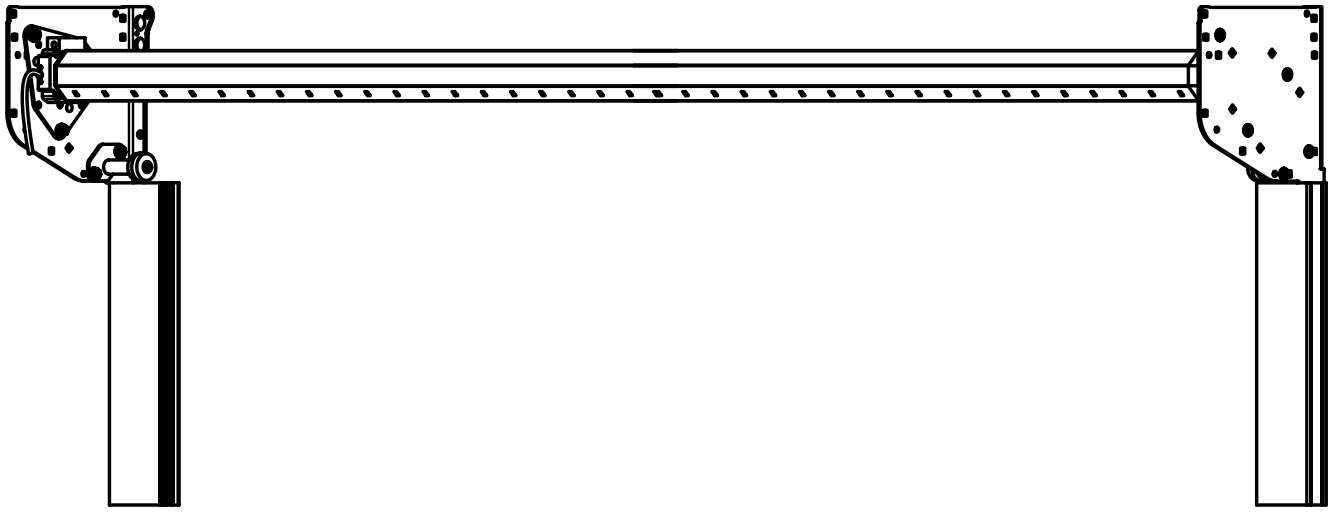
Boxless installation with sliding barrel system

Design

» Use of visual, grille and ventilation profiles
» Max. width/height: 6,000 mm/5,000 mm
» Max. area: 16 m^2
» Max. finished curtain weight: 10 kg/m^2
» Wide spectrum of colours

Space-saving solutions for large roller doors

When particularly broad, high roller doors have been specified, boxless installation without a winding box is the perfect solution for efficient use of existing space – such as in industrial spaces or underground car parks. Because it uses fewer components, boxless installation is particularly economical.



Boxless installation without sliding barrel system

Colour overview (following items)

Colour	heroal no.	Approx. RAL	75 series slats	ventilation, grille or visual profiles	Guide rails	Hollow end slats	Panels
Steel blue	09	5011	•				
White	17/19	9016	•	•	•	•	•
Grey	18	-	•	•	•	•	•
Natural	20	9006	•				• [1]
Brown	22	-	•	•	•	•	•
Terra brown	22/20	8028	•				
Creme	23	1015	•				
Beige	24	-	•				
Teak	31	-	•				
Light beige	32	-	•				• [1]
Moss green	43	6005	•				
Black	44	9005	•				
Purple	47	3004	•				
Ruby red	47/20	3003	•				
Pastel blue	48/10	5024	•				
Signal blue	48/20	5005	•				
Forest green	49	6009	•				
Charcoal grey	53	7016	•				
Jamaica brown	60	-	•				
Eggshell	61	9001	•				•
Light grey	63	7035	•				
Scarlet red	67	3000	•				
Gentian blue	68	5010	•				
Dove grey	87	5014	•				
Pale green	89	6021	•				
RAL	39	-		•	•	•	•

[1] Colour not for series 356 box size
Please note: For colour samples, contact heroal directly.

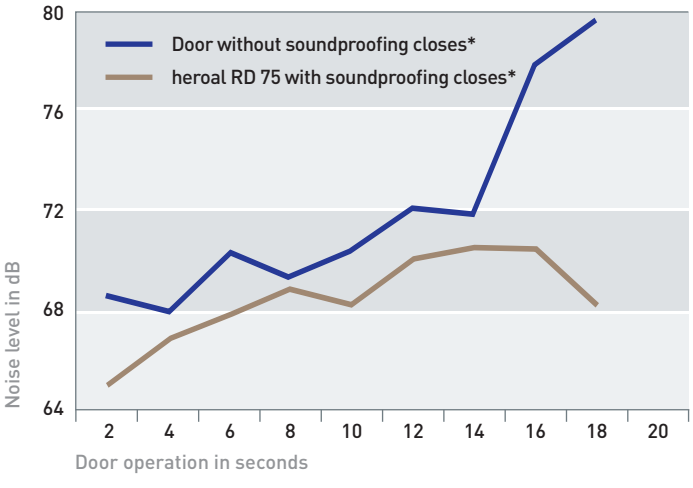
Accent colours (film for slats only)

Colour	Colour no.	Renolit no.	75 series slats
Douglas fir	0954	3152 009	•
Oak	0966	3156 003	•
Golden oak	0968	2178 001	•
Mountain pine	0969	3069 041	•
Oregon	0970	1192 001	•
Eggshell	0926	1379 05	•
Wine red	0906	3005 05	•
Charcoal grey	0922	7016 05	•
Light grey	0924	7251 05	•
Black brown	0930	8518 05	•
Chocolate brown	0929	8875 05	•
Cobalt blue	0911	5013 05	•
Steel blue	0910	5150 05	•
Dark green	0917	6125 05	•
Moss green	0916	6005 05	•

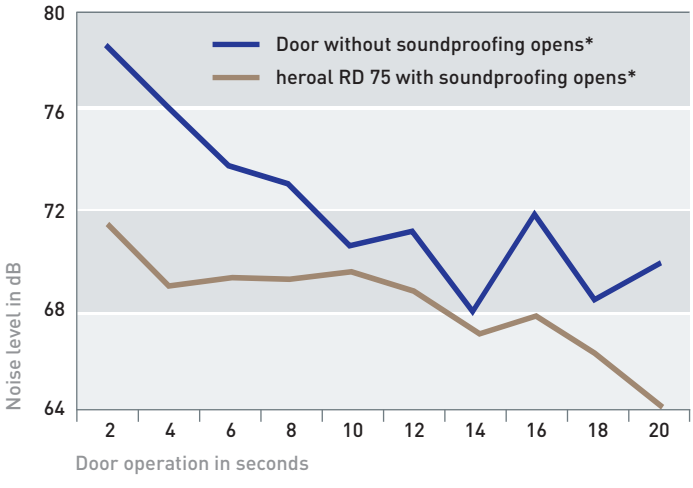
Please note: Always apply film on the outer surface as the right-hand roller, inner surface as required. Film cannot be applied to boxes, guide rails, end slats or visual, grille and ventilation profiles.

Noise diagram

Door closes

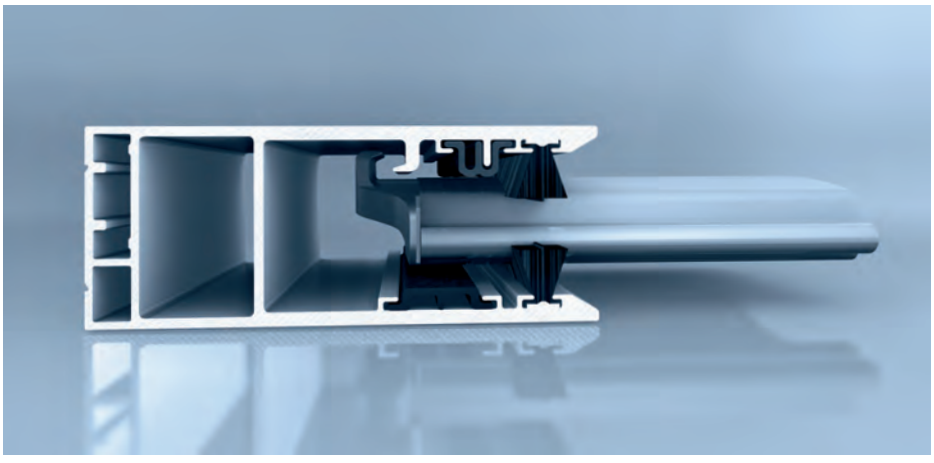


Door opens



* Operating noises are dependent on the installation type and situation at installation location, etc

Guide rail URF 100



New guide rail URF 100 with safety bars

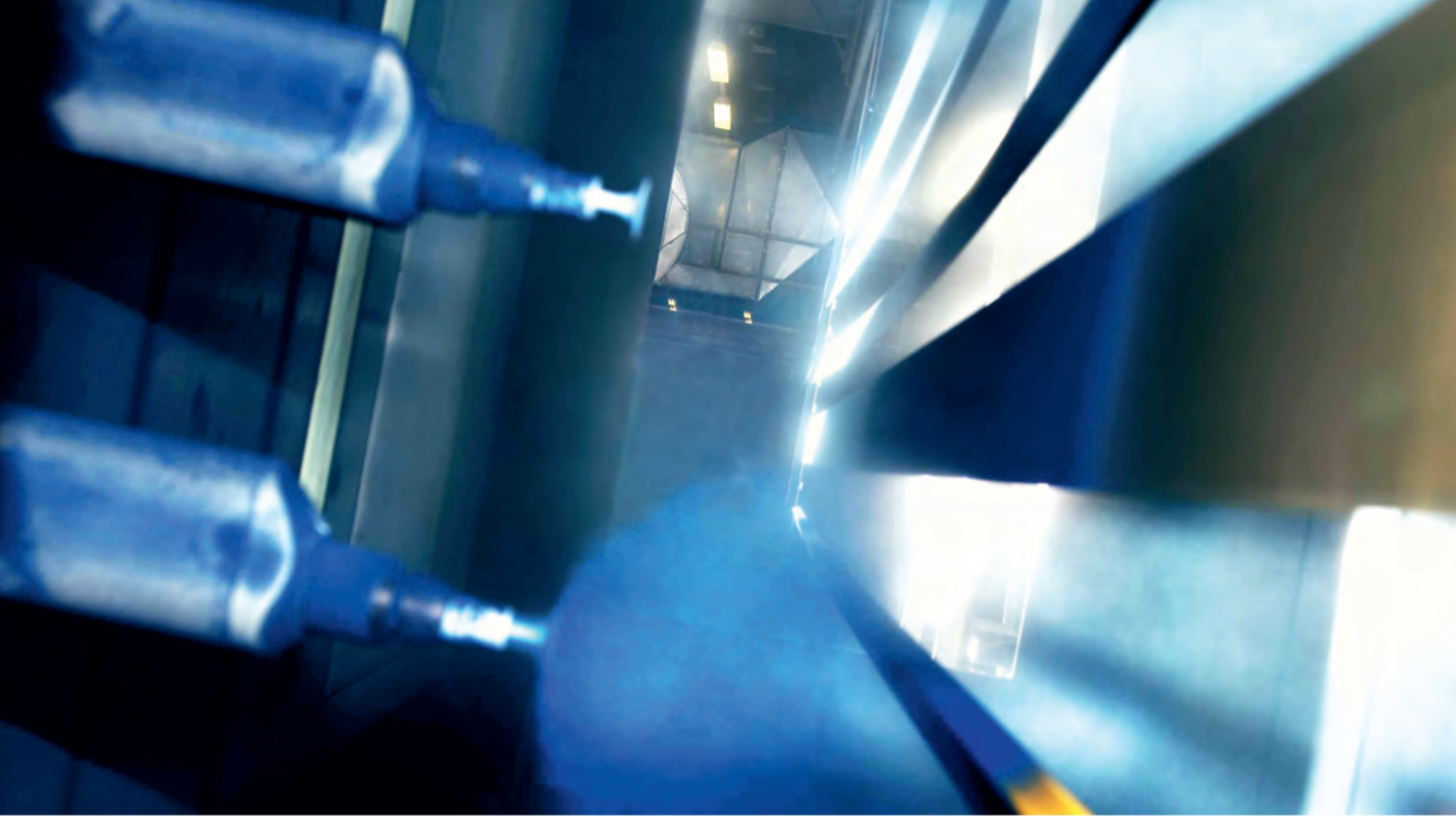
This is also an innovation from heroal: the S locking device developed in-house for wind load resistance. The special shape of the locking device means that the barrel does not become larger and the system saves space. The locking devices are form-fit to the roller door slats. The bars provide extra safety.

Wind resistance classes

Clear width	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Wind resistance class with URF 100 guide rail and 75 series roller door profile	4	4	4	4	4	4	4	4	3	3	3	2	2
Safety test pressure in Pa	1375	1375	1375	1375	1375	1375	1375	1375	965	965	965	620	620
Wind strength in bft	15	15	15	15	15	15	15	15	13	13	13	11	11
Approx. wind speed in km/h	166	166	166	166	166	166	166	166	139	139	139	111	111

Additional equipment

	heroal RD 75 boxless installation	heroal RD 75 boxed installation
Sliding barrel system	•	•
Safety end slats	•	•
Safety end slats radio	•	•
Anti-push-up device	•	•
Visual, grille and ventilation profile hollow end slats	•	•
Emergency release standard	•	•
Comfort exterior emergency release	•	•
Roll-up safety device	•	•



We always orientate our service to meet your requirements.

In addition to an extensive system portfolio with perfectly harmonised products, heroal provides the most unique, high-performance service in the industry – based on consistent orientation to the requirements and needs of heroal customers. In addition to our trained employees, the in-house, energy efficient production of quality products made in Germany is the cornerstone of heroal service. With a unique level of vertical integration and process reliability, heroal service guarantees processors, architects and owners optimal product quality for sustainable, economical construction that results in building with appreciated value. Another key cornerstone: heroal supplies a variety of surface finishes.

Whether you choose high quality hwr powder coating from the heroal in-house coating plant or two-layer thick coating, textured coating, film or anodization – the heroal coating service provides top quality combined with quick delivery. The new heroal logistics centre with a total area of around 40,000 m² and the heroal lorry fleet make a major contribution to heroal service. heroal service is rounded out by an ift-Rosenheim-certified testing centre for roller shutters, roller doors, windows, doors and façades that is also available for customer use, and an in-house, high-performance profile bending and edging service. heroal is the only system house in the industry that supplies this service to its customers in its own production facilities.

Setting international standards – international names

Name	heroal RD 75
heroal RD 75 (75 refers to coverage width)	Roller Door Systems and Pre-assembled Roller Doors

heroal roller door systems meet high standards, are in demand around the globe and set standards in the market. For these reasons, we have re-named our systems to adapt them to the requirements of global application. This is why the new roller door system is called heroal RD 75. The name is a combination of RD (roller door) and 75 (coverage width).

heroal – the aluminium system house

As one of the world's leading aluminium system houses, heroal develops and produces perfectly harmonised systems for roller shutters, roller doors, windows, doors and façades. Through minimal energy consumption throughout the production process and maximum energy savings in use, heroal system solutions make a key contribution to facilitating sustainable construction – in conjunction with high economic efficiency in system processing and appreciation in building value.

Innovation, service, design and sustainability

The heroal brand stands for system solutions that set standards in the industry with practical innovation, with the best service in the industry and high quality design that can be integrated into any architectural concept.

The world of heroal systems
Roller Shutters | Roller Doors | Windows | Doors | Façades | Service

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