

More functionality, efficiency and design flexibility with innovative new products for heroyal roller shutter systems

# heroyal roller shutter systems System enhancements 2025



**heroyal**

## New products heroal roller shutter systems

heroal roller shutter systems offer innovative, perfectly tailored solutions for every installation situation – ideal for economical projects that place high demands on quality and flexibility.

New additions to the portfolio include the slim-winding heroal RS 37 SW and heroal RS 52 SW roller shutter slats that can be perfectly integrated into various front-mounted and top-mounted systems with small roller shutter boxes. The available systems will be complemented by driving rain-proof guide rails (heroal DRP) as well as a platform for angled end slats that make installation and a flush roller shutter finish especially easy.

The economical heroal FMC panel box system combines extruded and roll-formed components and impresses with its panels suitable for universal use. Besides this, integratable solar motors support lasting operation independent of the power supply.



Overview of new products	Page 4
Angled end slats	Page 5
Driving rain-proof guide rails	Page 6
Two-piece guide rails	Page 8
Slim-winding roller shutter slat systems	Page 9
Element height comparison	Page 10
Wind resistance classes	Page 11
Colour selection	Page 11
Finished roller shutter curtain	Page 12
Panel box system	Page 14
Solar motor	Page 15
Sectional drawings	Page 16

## Overview of new products

Innovative solutions for greater functionality, efficiency, design and economy

### heroal FMC panel box system

combines a roll-formed and extruded panel for an economical solution.

### Integrated solar motor

enables the sustainable control of roller shutters without a separate power supply.

### Slim-winding heroal SW roller shutter slats

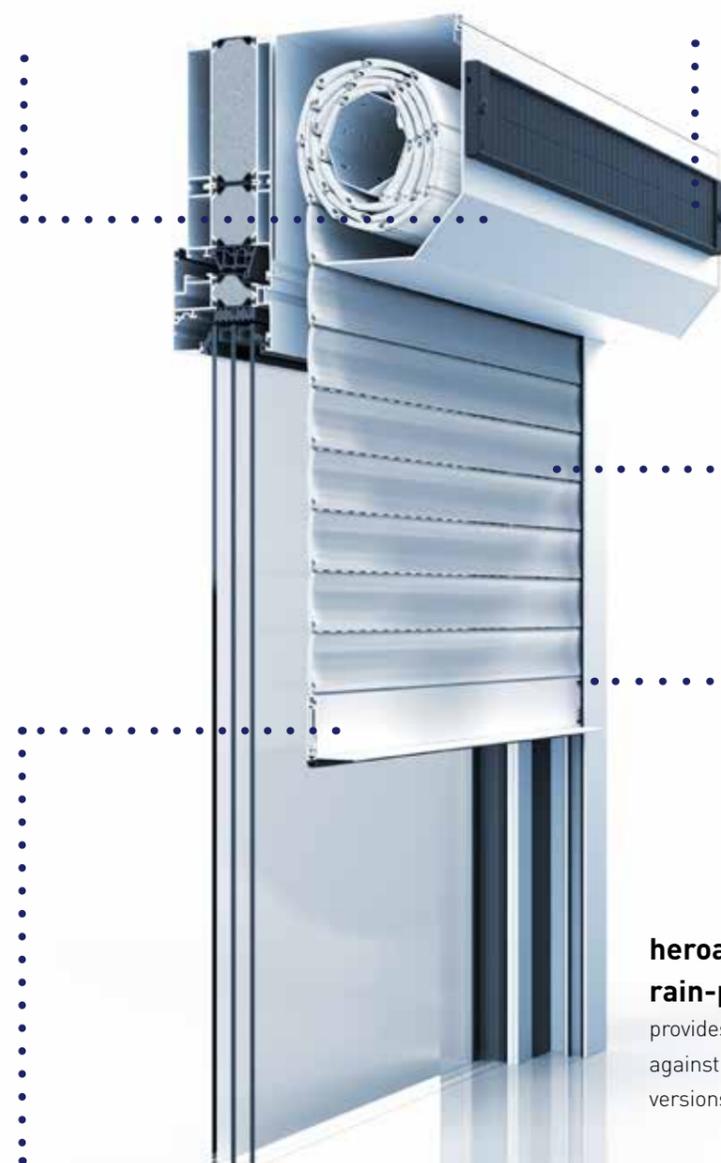
for optimum use of the winding space and exceptional functional features.

### heroal DRP driving rain-proof guide rails

provides reliable protection against driving rain in different versions.

### heroal angled end slats

for a functional and visually appealing finish to the roller shutter curtain.



## Angled end slats

Platform for versatile combination options

With the new platform for angled end slats as a clockwise and counterclockwise roller application in top- or front-mounted boxes, heroal supports the easy installation of heroal roller shutter systems. The new heroal angled end slats angled at the bottom enable a flat panel finish. The mounting geometry of the end slats is designed such that the angled profiles can be used for all basic end slat profiles (Mini and Maxi). To support easy installation, the basic and angled profile are simply clipped together. In addition, plastic end slat gliders ensure clean operation in the guide rails. The gliders are inserted in the side of the basic profile mount, are available in different colours for both the Mini and Maxi end slats and are suitable for all guides with a maximum groove depth of 26 mm. Besides the existing version with bottom angle, an angled profile with a shorter angle length is now also available. The angle length of 11 mm makes this profile ideal for use with existing balustrades. What's more, the Mini basic profile is also available as a counterclockwise roller version (RR) and is now available as an LR version (type II) for the slats listed in the table below. To prevent standing water on the end slat, the angled profile is designed with a slight gradient and a

drip edge. A design solution when combining the two profiles allows the sideways movement of the angled profile on the basic profile to be prevented.



Angled end slat Mini LR type I incl. angled end slat profile 31



Maxi RR angled end slat incl. angled end slat profile 11



Maxi RR angled end slat incl. angled end slat profile 31

heroal item no.	Item description	Compatible with the heroal slat systems
5269	Angled end slat Mini LR type I	heroal RS 37, heroal RS 37 SW, heroal RS 41, heroal RS 41 SW
5270 <span style="font-size: 8px;">new</span>	Angled end slat Mini RR type I	heroal RS 37, heroal RS 37 SW, heroal RS 41, heroal RS 41 SW
5271 <span style="font-size: 8px;">new</span>	Angled end slat Mini LR type II	heroal RS 32, heroal RS 37 SL, heroal RS 38, heroal RS 42
5273	Angled end slat Maxi RR	heroal RS 52, heroal RS 52 SW
5275	Angled end slat profile 31, bottom	-
5277 <span style="font-size: 8px;">new</span>	Angled end slat profile 11, bottom	-
5314 <span style="font-size: 8px;">new</span>	End slat glider Mini LR	-
5315 <span style="font-size: 8px;">new</span>	End slat glider Maxi RR	-

# heroal DRP driving rain-proof guide rails

Platform with a wide range of design variants

heroal DRP (Driving Rain Proof) is a new platform of driving rain-proof guide rails which can be used for a wide range of building requirements thanks to multiple different variants. The tightness to driving rain is achieved by a Norseal® weather seal. As a result, the heroal DRP guide rails are certified up to 600 Pa.

The heroal DRP guide rails are installed on the panel frame of the window system. They are compatible with the panel caps of the heroal FMR, heroal FME, heroal FMB and heroal FMC panel box systems. In addition to the standard variant of the HTF-DRP guide rail, there are other variants with spacers to implement a distance of 20 mm or 40 mm to the window. In addition, there are 10 mm spacing profiles that can be used to variably extend the distance.

These spacing profiles are also driving rain-proof and any number of profiles can be clipped to the spacer guides. They are suitable for spacing aluminium window drips or drainage caps, and can be clipped or screwed onto the window panel frame profile with clamp mountings.

In addition, the spacer guides are suitable for the positive inlet and rear lining of the roller shutter box as well as for the negative inlet and flush panels to the panel frame on the

rear. Different guide entries are available for both applications. This means that they can also be used in combination with insect screen tenter frames or swing doors from the heroal IS system.

In addition, a driving rain-tight guide rail is available for combining a Mini blinds system with integrated insect screen. This guide rail is also certified to be driving rain-proof up to 600 Pa. If needed, this profile can also be doubled with a 10 mm spacing profile. Furthermore, a suitable centre guide rail is available for integrated insect screen systems.

heroal item no.	Item description
511	HTF-DRP
512	F-HTF-K 20-DRP
513	F-HTF-K 20-DRP closed
514 	F-HTF-K 40-DRP
515 	F-HTF-K 40-DRP closed
516 	Spacing profile 10-DRP
517 	Spacing profile 10-DRP closed
5044 	F-HTF-IS DRP
5045 	M-F-HTF-IS DRP
7031	Norseal® weather seal 3 x 10 mm



HTF-DRP guide rail and weather seal



F-HTF-K 20-DRP guide rail and weather seal



F-HTF-K 20-DRP closed guide rails and weather seal



F-HTF-IS DRP guide rail and weather seal



F-HTF-K 40-DRP guide rails, 10-DRP spacing profiles and weather seal

## Two-piece heroal DRP guide rails

Driving rain-proof and flexible application

The two-piece heroal DRP guide rails are available in the two variants HTF (26 mm chamber) and HTF 40 (40 mm chamber). They consist of a basic profile with clip-on cover profile and can be installed on the wall (without the requirement for tightness against driving rain) as well as on the panel frame. The screw connection takes place within the basic profile so that new screws are visible. The cover profile can be used for both basic profiles and has a symmetrical structure for reliable clip-in. The two-piece guide rails are driving rain-

proof and compatible with current panel boxes as well as box systems. If maintenance is required, the cover profile can be loosened with a tool and the profile removed along the entire length.



HTF-DRP 2-pc. guide rail with cover profile and weather seal



HTF 40-DRP 2-pc. guide rail with cover profile and weather seal

heroal item no.	Item description
5023	HTF 40-DRP 2-piece basic profile
5024	HTF-DRP 2-piece cover profile
5027	HTF-DRP 2-piece basic profile
7031	Norseal® weather seal 3 x 10 mm

## heroal RS 37 SW and heroal RS 52 SW slim-winding roller shutter slat systems

New generation with impressive performance features

The heroal RS 37 SW and heroal RS 52 SW roller shutter slats are perfectly designed for use in small roller shutter boxes thanks to their tight winding and small barrel diameter. This enables compact solutions and also reduces system planning costs thanks to the possibility of using smaller box systems than for comparable slat systems with the same view height. Their optimised hook and pocket geometry ensures excellent stability of the roller shutter, greater light

impermeability (no light transmission when closed) and optimum slat connection that prevents individual slats from unhooking, among other features. Depending on the load, heroal roller shutter systems can be ordered as system components or finished curtains.



heroal RS 37 SW roller shutter system

The heroal RS 37 SW roller shutter slat is ideal for use in the front-mounted box, but can also be flexibly integrated into all other box systems. With a view height of 36.9 mm, a nominal thickness of 7.5 mm and a weight of 3.0 kg/m<sup>2</sup>, it is stable in wind and satisfies the wind load values in wind resistance class 3 at element widths of up to 2,500 mm.

**System dimensions**

- » Nominal thickness [mm]: 7.5
- » View height [mm]: 36.9
- » Max. width [mm]: 3,300
- » Max. height [mm]: 3,500
- » Max. area [m<sup>2</sup>]: 7.0
- » Number of slats per 1 m curtain height [pc.]: 27.1



heroal RS 52 SW roller shutter system

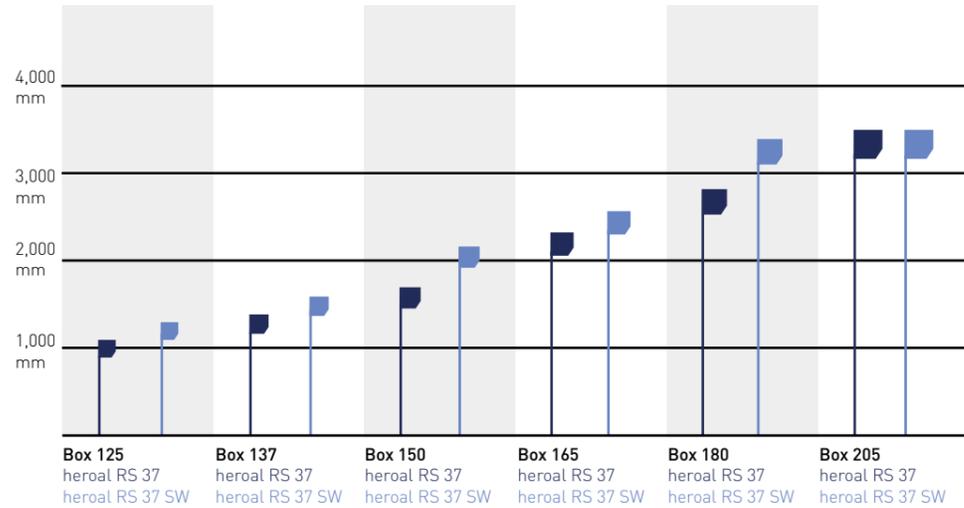
The heroal RS 52 SW roller shutter slat is predominantly used in top-mounted boxes, but can also be integrated into all other box systems. With a view height of 52.3 mm, a nominal thickness of 13.4 mm and a weight of 3.7 kg/m<sup>2</sup>, it provides exceptional wind stability and satisfies the wind load values in wind resistance class 3 at element widths of up to 3,500 mm.

**System dimensions**

- » Nominal thickness [mm]: 13.4
- » View height [mm]: 52.3
- » Max. width [mm]: 4,500
- » Max. height [mm]: 3,800
- » Max. area [m<sup>2</sup>]: 10.0
- » Number of slats per 1 m curtain height [pc.]: 19.1

## heroal RS 37 vs heroal RS 37 SW element height comparison

New generation with impressive performance features

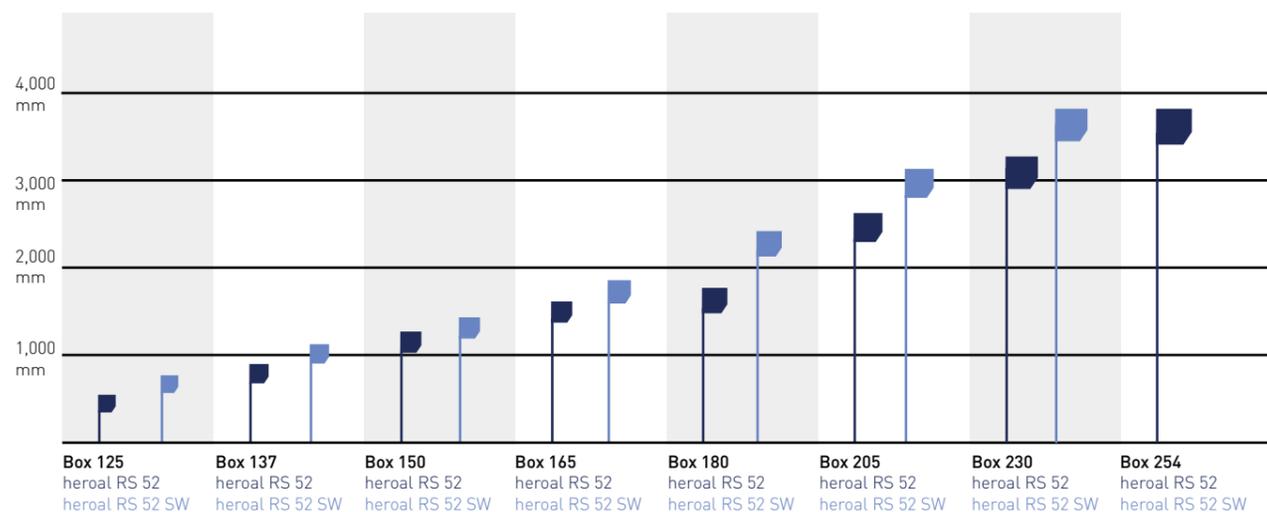


Colour	Axle	heroal slat system	125	137	150	165	180	205
■	60-oct.	heroal RS 37	1,083	1,464	1,808	2,302	2,831	3,500
■		heroal RS 37 SW	1,344	1,725	2,107	2,566	3,318	3,500

with steel strip mounting

## heroal RS 52 vs heroal RS 52 SW element height comparison

New generation with impressive performance features



Colour	Axle	heroal slat system	125	137	150	165	180	205	230	254
■	60-oct.	heroal RS 52	596	922	1,248	1,681	1,801	2,660	3,257	3,800
■		heroal RS 52 SW	857	1,079	1,457	1,890	2,374	3,182	3,800	-

with steel strip mounting

## Wind resistance classes as per DIN EN 13659

heroal RS 37 SW and heroal RS 52 SW slim-winding roller shutter slat systems

Guide rail	Cavity depth [mm]	Element width [mm]															
		1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
HF	18	5	4	4	4	3	3	2	2	2	2	0	0	0	0	0	0
HTF	25	5	4	4	4	4	3	3	3	3	2	2	1	1	1	1	1
HTF 40	40	6	5	5	5	4	4	3	3	3	3	3	2	2	2	2	2

heroal RS 37 SW roller shutter system

Guide rail	Cavity depth [mm]	Element width [mm]																										
		2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	
S-HTF 25	25	5	5	4	4	4	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0
S-HTF 40	40	6	6	6	5	5	5	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
H-STF	50	6	6	6	5	5	5	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2

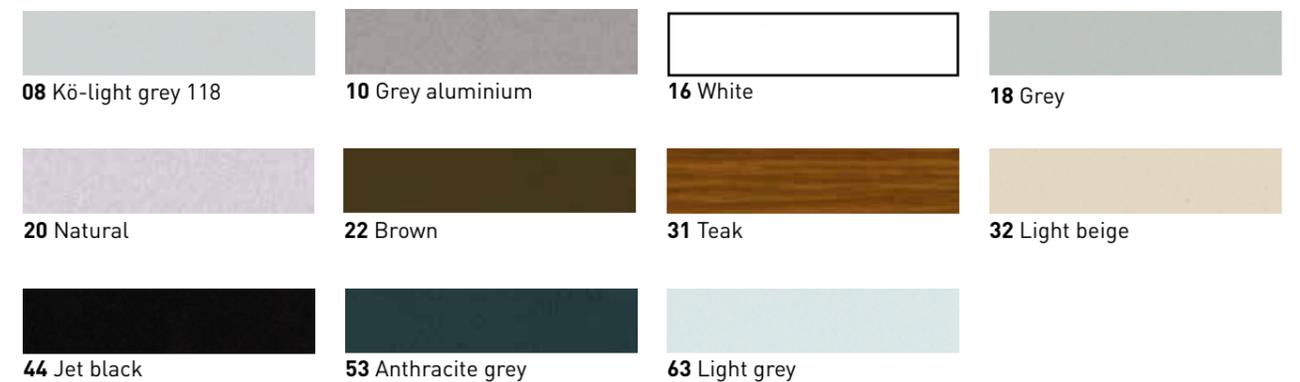
heroal RS 52 SW roller shutter system

## Colour selection

heroal RS 37 SW and heroal RS 52 SW slim-winding roller shutter slat systems

With their high-quality colour coating, the slim-winding heroal roller shutter slat systems provide an outstanding colour quality, resistance level and durability. The heroal 2-layer thick coating provides excellent resistance to weathering, protects against UV radiation and corrosion, even in extreme environmental conditions, and is even certified for

heavy-duty application on ships. The carefully selected colour range offers elegant and timeless design options that fit harmoniously into every architecture. The colour portfolio of the two slat systems includes 11 colours.



The illustrations of the colours may differ slightly from the original products.

# heroal finished roller shutter curtain

## New colour group concept, slat systems and configuration options

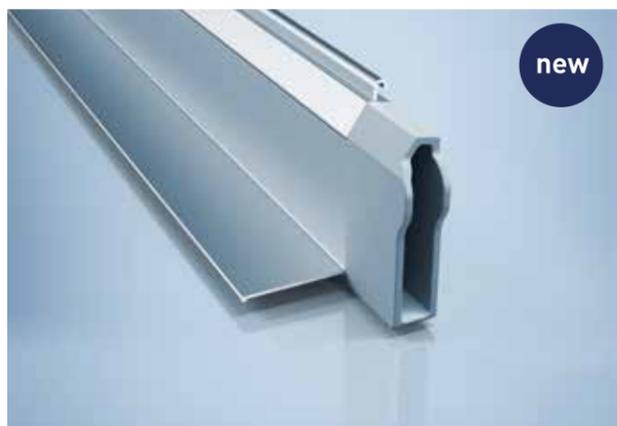
The revision of the range led to an expanded selection of roller shutter slat systems and end slats in the heroal portfolio. For maximum flexibility, rapid availability as well as easy and time-saving manufacturing, heroal roller shutter slats are available as prefabricated finished roller shutter curtains.

The new slat systems, too, are available as heroal finished curtains. The slim-winding heroal RS 37 SW and heroal RS 52 SW roller shutter slats are no longer fastened with the classic locking pieces in the Basic colours Kö-light grey 118, grey aluminium, white, grey, natural and anthracite grey. Instead, they are fitted with a locking device integrated in the slat system that prevents sideways movement. This not only eliminates the use of plastic to support sustainability, it also reduces the incidence of scattered light as the curtain is positioned deeper in the guide rail over the entire width than is the case for a conventional locking device. All other finished curtain systems are fastened with locking pieces as standard, but optional delivery without locking pieces is possible.

The configuration options have also been optimised: The new angled end slats will be added to the portfolio and additional accessories, such as quick connectors, steel strip mountings and end slat accessories can be individually configured.



heroal RS 37 SW locked finished curtain



Maxi RR angled end slat incl. angled end slat profile 31

heroal system	Max. width [mm]	Max. height [mm]	Max. area [m <sup>2</sup> ]
heroal RS 32	3,500	3,500	7.5
heroal RS 37	3,000	3,500	6.2
heroal RS 37 SW	3,300	3,500	7.0
heroal RS 37 SL	4,000	4,000	9.0
heroal RS 38	3,700	3,800	8.0
heroal RS 41 SW	3,500	3,500	7.0
heroal RS 42	3,500	3,500	7.0
heroal RS 52	4,500	3,800	9.0
heroal RS 52 SW	4,500	3,800	10.0
heroal RS 55 SL	5,000	4,000	12.0
heroal RS 37 RC 2 N-lock.	4,200	4,000	10.5
heroal RS 37 RC 2 S-lock.	4,200	4,000	10.5
heroal RS 37 RC 3 N-lock.	5,000	4,000	12.0
heroal RS 37 RC 3 S-lock.	5,000	4,000	12.0
heroal RS 53 RC 2 N	5,500	4,000	16.5
heroal RS 53 RC 2 S	5,500	4,000	16.5

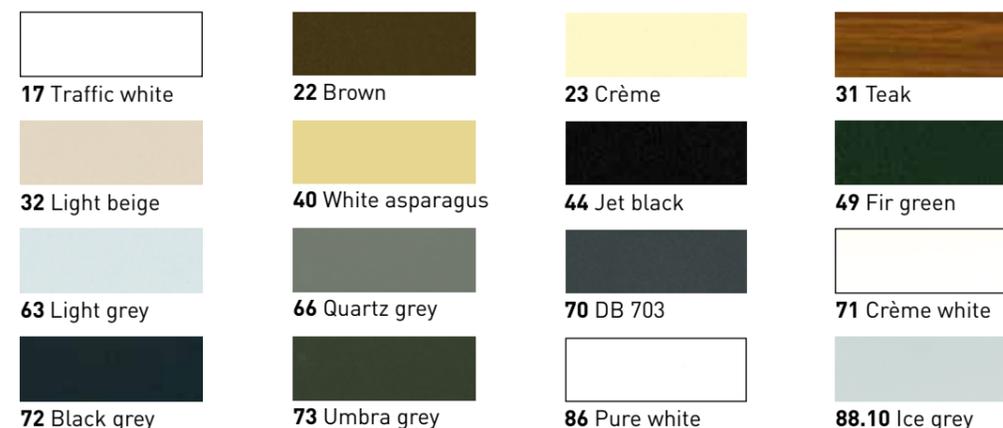
heroal is introducing a new colour concept with three colour groups: Basic, Trend and Exclusive. The Basic colours are characterised by rapid availability and offer a proven selection of classic colour shades. The Trend colours expand the spectrum of standard colours, while the Exclusive colours offer the

greatest variety of colours. The three colour groups differ in their delivery time and price. The Basic colours are available as standard, while the Trend and Exclusive colours are available for an additional charge.

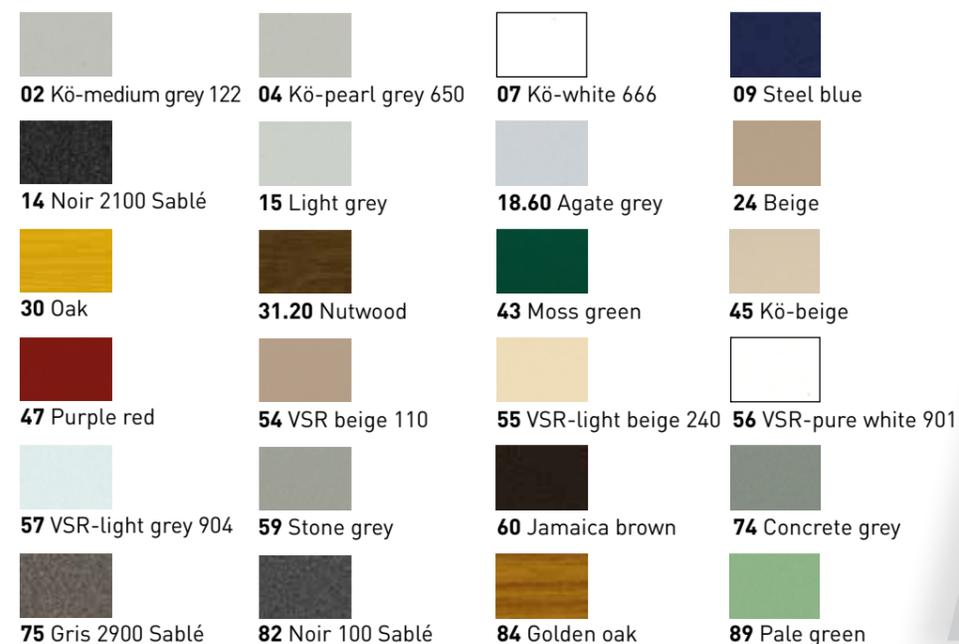
### Basic colours



### Trend colours



### Exclusive colours



Not all standard, mini, and safety roller shutter slats are available in all colours. You can check the availability for each slat in finished curtain price list 88412. The illustrations of the colours may differ slightly from the original products.

## heroal FMC panel box system

Combination panel boxes for particularly economical implementation

The new heroal FMC (front mounted combination) panel box system is a combination of roll-formed and extruded panel. It is available in box sizes 137 to 180 mm and is compatible with heroal FME 20°, 45° and 90° box shapes. heroal FME panels from the current portfolio can be used (standard panel, W panel and SC panel).

The new combination box for installing front-mounted systems in the reveal was specifically developed for applications with a visible front extruded panel that required a more economical solution compared to the completely extruded system. The roll-formed and extruded panel are connected using an adapter profile, which ensures that the look of the front panel view is identical to that of the heroal FME panel

box system. As the panel and adapter profile are coated in the same colour shade, they provide a harmonious look. The front folded edge on the heroal FMC panel provides additional stability, and serves as a backstop for the FMC adapter profile. The combination box system is suitable for various box shapes and sizes. Four universal heroal FMC panels for a whole range of box shapes together with the use of an adapter profile provide maximum flexibility.



Box system FMC 20°



Box system FMC 90°



Box system FMC 45°

heroal item no.	Item description
1661	Top panel FMC 137
1662	Top panel FMC 150
1663	Top panel FMC 165
1664	Top panel FMC 180
1370	Adapter profile FMC

## Integrated solar motor

Sustainable drive for heroal roller shutter systems

The option of integrating the Kaiser Nienhaus Easyline Solar solar motors enables the extremely energy-efficient operation of heroal roller shutter systems with a solar panel, without a separate power supply. The Kaiser Nienhaus Easyline Solar solar motor is available in the 6 and 20 Nm variants. It can be controlled by a wireless hand-held and wireless wall-mounted transmitter. If there is insufficient sunshine, the roller shutter can still run for up to 100 cycles. And, if the battery is ever completely flat, it can be charged with an external interface. The solar motor is available as a system component and is compatible with all current heroal roller shutter systems and front-mounted elements. Upon request, the roller shutter system can be combined with a solar-based wireless wind/sun sensor so that the roller shutter curtain can be automatically raised and lowered as

the weather situation changes. The battery integrated in the motor allows the option of integrating the heroal IS insect screen into the panel box.

To enable easy fabrication and installation for the solar motors, a drill template has been developed that supports the reliable and accurate placement of the solar panel. Different drill template attachments allow this drill template to be quickly and efficiently reconfigured for different solar systems and can, for example, also be used to install Somfy Solar systems.



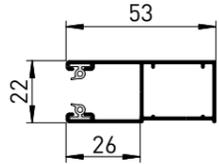
heroal roller shutter system with integrated solar motor

heroal item no.	Item description
5810	Kaiser Nienhaus Junior Easyline Solar motor 433 6/24
5811	Kaiser Nienhaus Favorit Easyline Solar motor 433 20/10
5812	Solar panel Easyline motors
5813	Wireless handheld transmitter Mercato Nivel 1-channel 433
5814	Wireless handheld transmitter Mercato Nivel 15-channel 433
5815	Wireless wall-mounted transmitter Mercato Plano 1-channel 433
5816	Wireless wind/sun sensor Solar Solvento 433
5817	Power supply unit for Easyline motors
5818	Y-connector cable Easyline motors
5819	Adapter and carrier 60-oct. axle
5829	Spacer ring 35 to 45
20960 00 00	Drill template, roller shutter / VS Z right-hand side (basic body)
20960 00 04	Drill template attachment set, roller shutter, Kaiser Nienhaus
20960 00 05	Drill template attachment set, roller shutter, Somfy (6, 10 Nm)
20960 00 06	Drill template attachment set, roller shutter, Somfy (15, 20 Nm)
315 00 00	Drill template, battery holder, Somfy solar motor

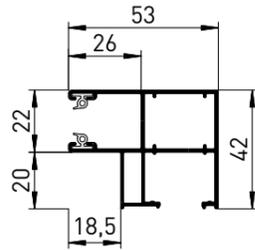
## Sectional drawings

Roller shutter system enhancements 2025

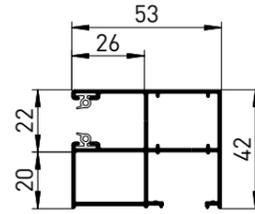
### heroal DRP driving rain-proof guide rails



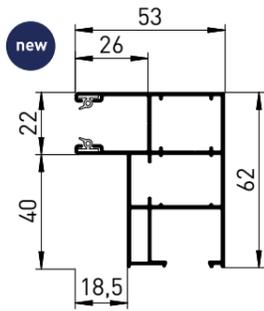
HTF-DRP (511)



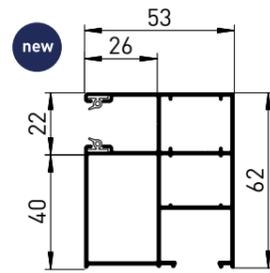
F-HTF-K 20-DRP (512)



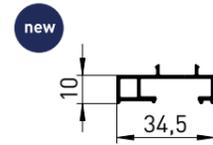
F-HTF-K 20-DRP closed (513)



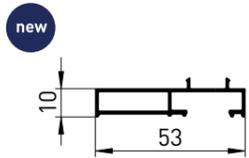
F-HTF-K 40-DRP (514)



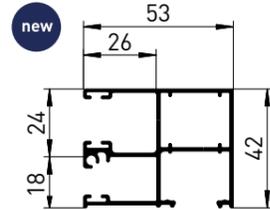
F-HTF-K 40-DRP closed (515)



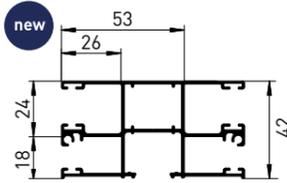
Spacing profile 10-DRP (516)



Spacing profile 10-DRP closed (517)



F-HTF-IS DRP (5044)

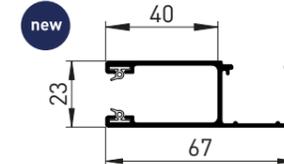


M-F-HTF-IS DRP (5045)

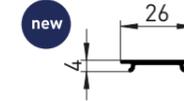
## Sectional drawings

Roller shutter system enhancements 2025

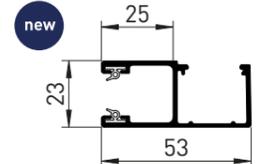
### Driving rain-proof two-piece heroal DRP guide rails



HTF 40-DRP 2-pc. basic profile (5023)

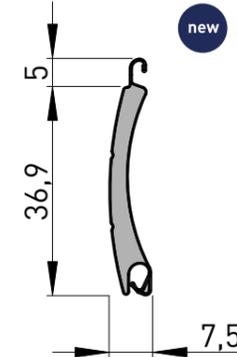


HTF-DRP 2-pc. cover profile (5024)

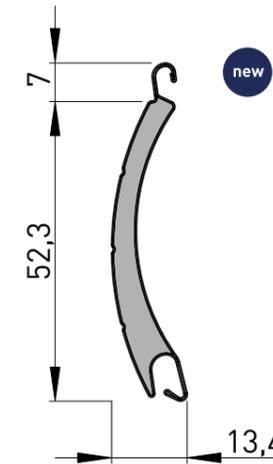


HTF-DRP 2-pc. basic profile (5027)

### heroal RS 37 SW / heroal RS 52 SW slim-winding roller shutter slats



heroal RS 37 SW

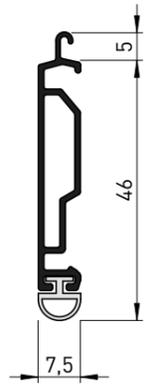


heroal RS 52 SW

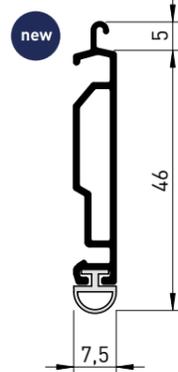
## Sectional drawings

Roller shutter system enhancements 2025

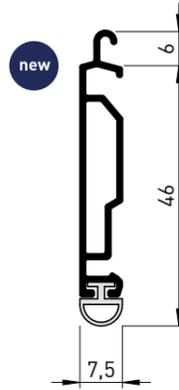
### heroal angled end slats



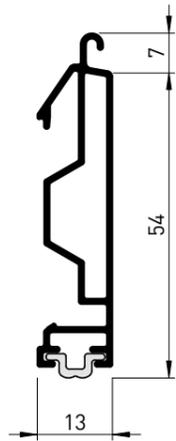
Angled end slat Mini LR type I (5269)



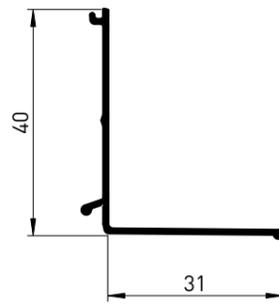
Angled end slat Mini RR type I (5270)



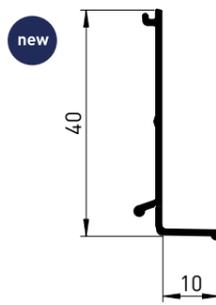
Angled end slat Mini LR type II (5271)



Angled end slat Maxi RR (5273)



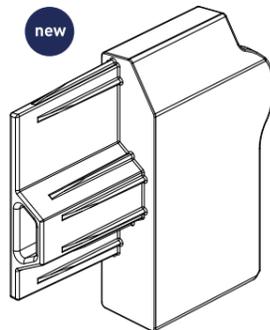
Angled end slat profile 31 bottom (5275)



Angled end slat profile 11 bottom (5277)



End slat glider Mini LR (5314)

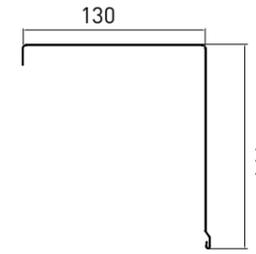


End slat glider Maxi RR (5315)

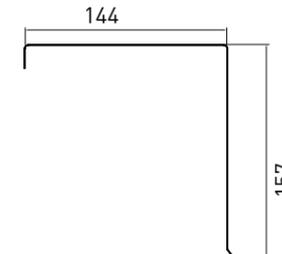
## Sectional drawings

Roller shutter system enhancements 2025

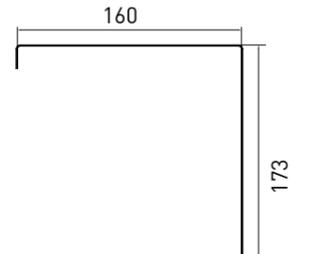
### heroal FMC panel box system



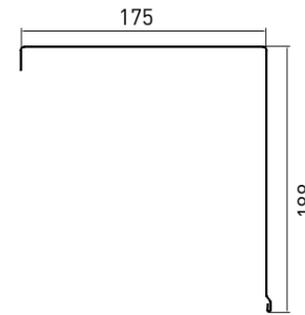
Top panel FMC 137 (1661)



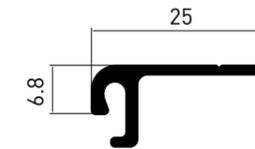
Top panel FMC 150 (1662)



Top panel FMC 165 (1663)



Top panel FMC 180 (1664)



Adapter profile FMC (1370)

# 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**

Österwieher Str. 80 | 33415 Verl (Germany) | Tel. +49 5246 507-0 | Fax +49 5246 507-222 | [www.heroal.com](http://www.heroal.com)

Item no. 89418 30 01 | 05/2025