

HELLA

SYSTEMS. PRODUCTS. SERVICES.

NOVELTIES

2024

HELLA

THE COLD REMAINS OUTSIDE



WELCOME TO HELLA

This magazine provides an overview of what's new from the HELLA Group. The numerous innovations don't just concern the product range, but also digital applications and services for partners and customers.

You can experience a new dimension of sun protection with HELLA at the world's leading trade fair R+T in Stuttgart. From 19 to 23 February 2024, we will be presenting two versions of a new exhibition concept: the HELLA CUBE as a large-scale shop-in-shop solution and the HELLA wall solution WALL with product samples and digital content. We look forward to welcoming you to our trade fair stand in Stuttgart.

Expansion in the smart home division: The new ONYX.TAG sun and ONYX.TAG temperature sensors are the perfect additions to HELLA's own ONYX control system. The solar packages for roller shutters, outdoor blinds and vertical awnings are particularly sustainable. They do not require a power supply, save energy and make a valuable contribution to protecting the environment. The built-in solar panels generate electricity and charge the battery even when the weather is slightly cloudy. This means they can be used all year round.

More safety in an emergency: The increasing requirements for building fire protection have resulted in rising demand for sun protection solutions for a secondary escape route. Manual

opening is used if the sun protection cannot be raised electronically in the event of a fire. The emergency crank handle motors for the front-mounted awning protect and for outdoor blinds were designed precisely for this requirement and supplement the existing solutions for a secondary escape route.

The new shaft roller shutter is available for roller shutters. It is the ideal product for renovations, as installation is simple and uncomplicated in the existing shaft. The new SILENT shaft bearings now make our roller shutters even quieter.

We wish you a pleasant start to the new season and a successful 2024!

Yours sincerely,

ANDREAS KRALER

Managing Partner
HELLA Group

CHRISTIAN SCHALLER

Managing Director
HELLA Group

ROLLER SHUTTERS AND VENETIAN BLINDS FOR THE BEST INDOOR CLIMATE

External sun protection supports heat insulation, reduces energy consumption and minimises heating costs. Customised perfection and visual finesse down to the smallest detail, by HELLA. Now that's quality of life!



WHAT'S NEW FROM HELLA

Seminar programme

For professionals in sun protection and those who want to become one!

HELLA's seminar programme supports specialist dealers and their employees in planning, sales and installation. The training courses also give them an insight into the entire HELLA product family and the new products for 2024.

New in the programme are the "DRAW – Visualiser", "Advise or sell?", "Service and maintenance", "Window & façade installation" and "Terrace & garden installation" seminars. There is also the option of arranging appointments for individual training sessions on site or digitally.



**START
IMMEDIATELY!**



New sales concepts at R+T Stuttgart

From 19 to 23 February 2024, HELLA presents two versions of a new exhibition concept at the world's leading trade fair R+T in Stuttgart: the HELLA world of experience CUBE as a large-scale shop-in-shop solution and the HELLA wall solution WALL with product samples and digital content.

With the new CUBE and WALL concepts, the premium provider is delivering turn-key, high-end sales tools. Specialist dealers will not only get to experience the CUBE concept up close at the trade fair in February 2024 by prior appointment, they will also be able to evaluate the possibilities of cooperation there and then. The sun protection specialist will be working with its partners at the trade fair to develop a vision for maximising joint business.

Fill out the form and register now for a visit to the HELLA stand at R+T 2024 in Stuttgart.

The HELLA WALL concept is located in the public area of the exhibition stand and is accessible without an appointment.



**LEARN
MORE**



ONYX CAN NOW DO MORE

The two new ONYX.TAG sun and ONYX.TAG temperature sensors are the perfect additions to the ONYX system. The new sensors enable various automations to be easily implemented in combination with all ONYX control units and are compatible with all products.



ONYX.TAG sun tames the rays

The sun and brightness sensor ONYX.TAG sun continuously measures the current brightness level and controls shading systems fully automatically according to a freely adjustable threshold value. ONYX.TAG sun is battery-operated and measures only 40 x 40 millimetres. The sensor is magnetic and is easy to attach to a metal plate on the façade or sun protection product. ONYX.TAG sun can be operated as a stand-alone system without a centre box – the ideal anti-glare or plant protection for indoors and outdoors. Setting range from 0 to 100,000 lux.



ONYX.TAG temperature for a perfect indoor climate

The temperature and humidity sensor ONYX.TAG temperature is the perfect fully automatic temperature monitor for indoors and frost monitoring in outdoor areas. ONYX.TAG temperature continuously measures the current temperature and humidity and controls shading systems according to freely adjustable threshold values.

The small battery-operated sensor is magnetic, can be attached anywhere on metal and is available in conjunction with the ONYX centre box. Setting range from -20 to +60 degrees Celsius.

MORE PRODUCT NEWS

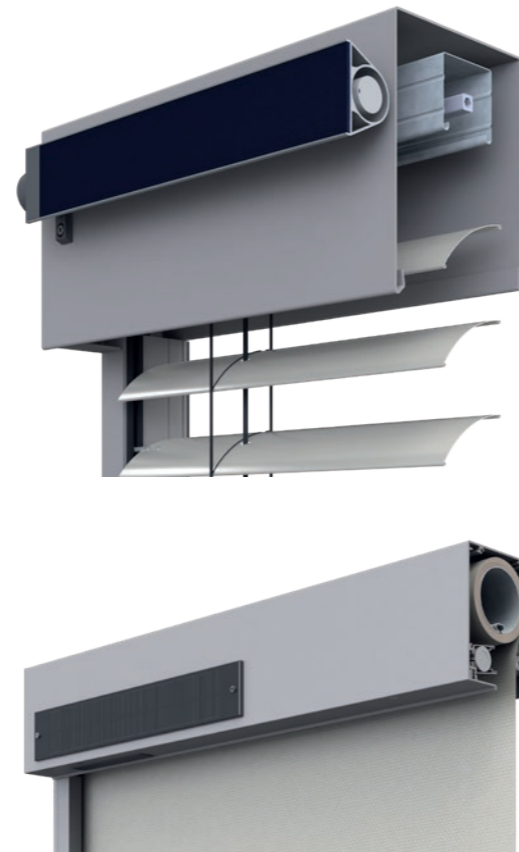
Harness the power of the sun with solar packages

The new solar packages for roller shutters, outdoor blinds and vertical awnings do not need a power supply. That makes you independent, saves energy and makes a valuable contribution towards protecting the environment. The built-in solar panels generate electricity all year round and charge the battery even when the weather is slightly cloudy. It is controlled via a wall-mounted or hand-held radio transmitter.

Sun protection with solar panels was already available for roller shutters. The square and rectangular roller shutter box with solar package is now also available with an integrated insect screen.

The solar package for outdoor blinds consists of a 12-volt motor, the radio receiver and the solar panel including battery. The package can be used for outdoor blinds and external Venetian blinds in the front-mounted system and façade system. Wall brackets are included in the package in the event of wall mounting. It can be used up to a maximum area of 18 square metres.

A solar package for box sizes E100–E130 will also be available for the front-mounted awning protect in the second quarter of 2024.



More insulation, less energy

Extending the insulation from the previous 40 millimetres to a maximum of 80 millimetres for the folded front-mounted system enables valuable energy savings. In this way, HELLA fulfils the increased requirements with regard to insulation values in redevelopment projects, and also in new constructions.

Existing guide rail adapters in the 20, 30 and 40 millimetre sizes of the flush-mounted guide rails are used in combination. Insulation thicknesses of 20, 30, 40, 50, 60, 70 and 80 millimetres are therefore available in all existing insulation materials for the rear insulation of the folded front-mounted system.

Naturally, this extension of the insulation thicknesses can also be used separately in conjunction with the guide rail adapters up to 80 millimetres, for example in the on-site shaft or with a folded U-channel. Available from the second quarter onwards.



More safety in an emergency

The increasing requirements for building fire protection have resulted in rising demand for sun protection solutions for a secondary escape route. Manual opening is used if the sun protection cannot be raised electronically in the event of a fire.

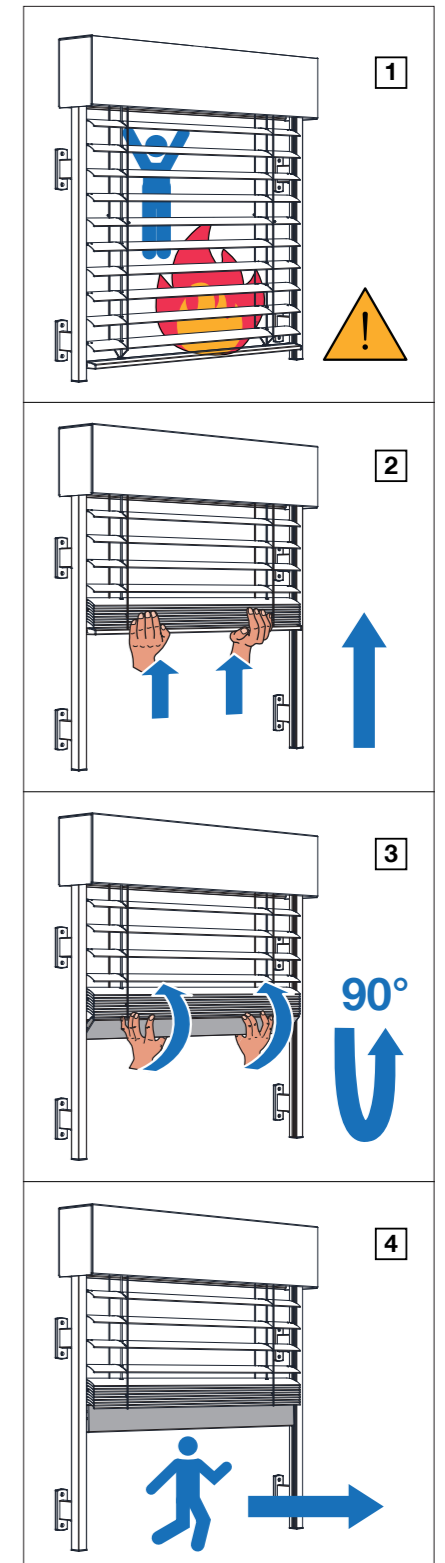
The new emergency crank handle motors for the front-mounted awning protect and for outdoor blinds were designed precisely for this requirement and supplement the existing solutions for a secondary escape route. Vertical awnings in the protect version are very popular due to their wind stability. This is why HELLA now offers an emergency crank handle solution. This drive is possible in the Q130 box size due to the gearbox size of the front-mounted awning protect. The maximum dimensions for the emergency crank handle drive are 2,500 x 3,000 millimetres and the maximum area is 7.5 square metres.

The new, more cost-effective emergency crank handle motor for outdoor blinds will be available from the second quarter and can be used up to a maximum curtain area of 10 square metres.

A mechanical system with a clampable bottom rail is also used for the AF 80 external Venetian blind and the ARB 80 outdoor blind (figure to the right). It is permitted for rail-guided AF 80 and ARB 80 and up to a maximum width of 2,200 millimetres, and works with all guide rail types and all keder variants. The height of the locking of the blind can be adjusted from the inside or outside and by rotating the bottom rail by 90 degrees.

IMPORTANT NOTE

The systems for the secondary escape route must be approved by the person responsible for fire protection in the building project. Approval by the fire protection officer is the responsibility of the customer!



Secondary escape route

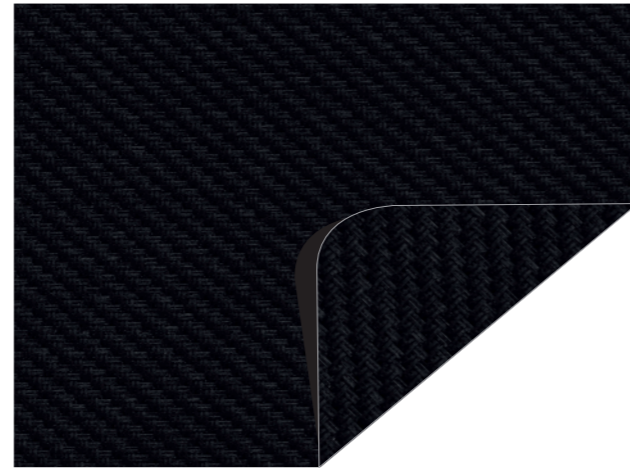
A mechanical system with a clampable bottom rail is also used for the AF 80 external Venetian blind and the ARB 80 outdoor blind.

Fabrics and colors from which trends are made

Under the name HELLA G-Screen, new glass fibre designs with an opening factor of five percent have been added to all vertical awnings and the vertical shading of the VENTUR SIDE and TERRA SIDE pergolas. These ten new designs will soon be added to the HELLA fabric swatches and the FABRIC FINDER as standard designs.

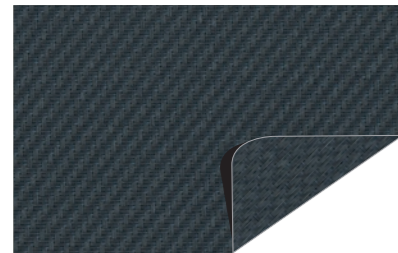
The PVC-coated glass fibre fabric consists of 42 percent glass fibre and 58 percent PVC. It is available in a maximum roller width of 3,200 millimetres and fulfils fire protection class B1 (DIN 4102-1). This fabric corresponds to the known previous glass fibre fabrics in the maximum limit dimensions and areas.

The slat color grey-brown (RAL 8019) is now available for the S and Z slats of the 63 millimetre or 92 millimetre outdoor blinds. HELLA is thus adapting to the trend and creating synergy with the A37 roller shutter aluminium curtain and the standard powder color grey-brown (RAL 8019).



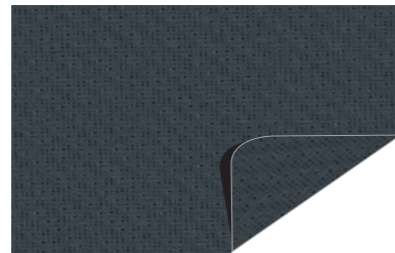
Jet black

GS52143



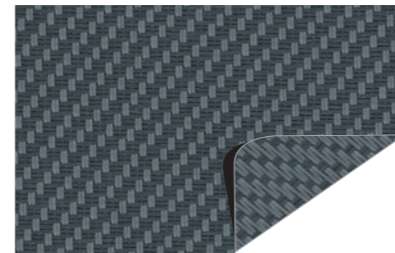
Charcoal/Charcoal

GS52107



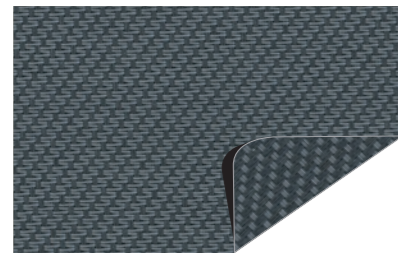
Anthracite grey

GS52144



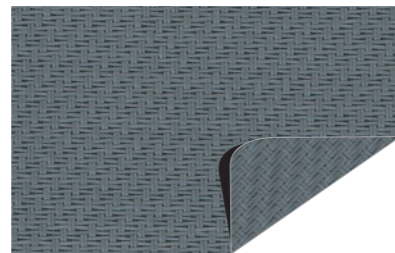
Grey/Charcoal

GS52106



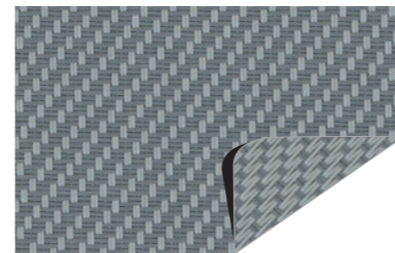
Charcoal/Grey

GS52108



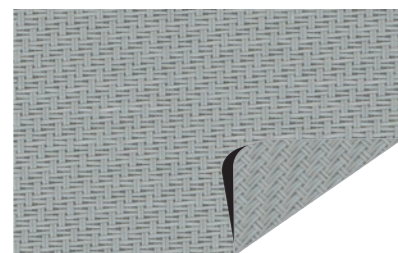
Grey/Grey

GS52105



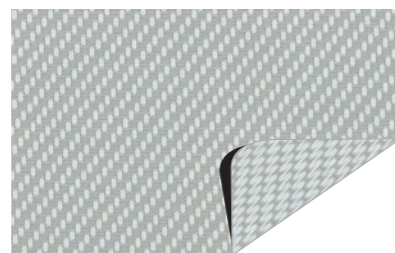
Pearl/Grey

GS52104



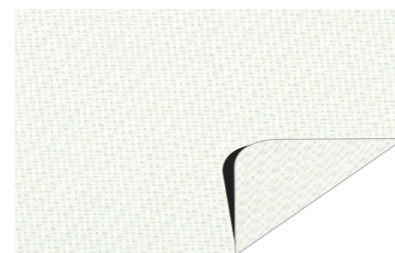
Pearl/Pearl

GS52103



White/Pearl

GS52102



White/White

GS52101

Quick and easy renovation

The new shaft roller shutter from HELLA is the ideal product for renovations, as installation is simple and uncomplicated in the existing shaft. Here, the bearing can be attached to the guide rail either as a left-hand or right-hand roller. The drive is electric or manual. A height-adjustable inspection cover can also be ordered.

With a crank drive, the minimum width is 400 millimetres and the maximum width is 3,000 millimetres, with a maximum area of 7.5 square metres. With a motorised drive, the minimum width increases to 600 millimetres. Available from the second quarter onwards.



Less vibration, less noise

The new SILENT shaft bearings now make HELLA roller shutters even quieter. Here, two additional vibration dampers are installed to effectively reduce the transmission of vibration noise to the mounting base. The new SILENT shaft bearings can also be retrofitted to existing systems for front-mounted and built-in roller shutters.



WHAT'S NEW IN BRIEF

- Front-mounted roller shutters (also plaster base version) are now available in square box sizes 16XL and 20.
- Adaptation to modern ceiling heights: the pleated insect screen is now available in a maximum height of 2,850 millimetres.

HELLA

Brochure | Novelties

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Subject to technical, typesetting and printing changes and errors.