

FACADE BLINDS

HELLA

PRODUCTS
AND
INNOVATIONS
OF THE
HELLA GROUP

CONTENTS

Side seam guided system An ingenious ZIP-fastener	06	Vertical awnings Perfect heat and glare protection for large surfaces	12	The HELLA cover collection Colourful and lightfast	16	HELLA	22
Front-mounted blinds Textile architecture for new and existing buildings	08	Overview Any shape and any size	14	Climate protection Sustainability	18		
Facade awnings Geometric clearness and structural flexibility	10	ONYX® The Smart Home System from HELLA	15	Indoor climate The perfect temperature for your well-being	20		

FACADE BLINDS

THE PERFECT
PROTECTION AGAINST
LIGHT AND HEAT

LIGHT AND SHADE – INDIVIDUAL

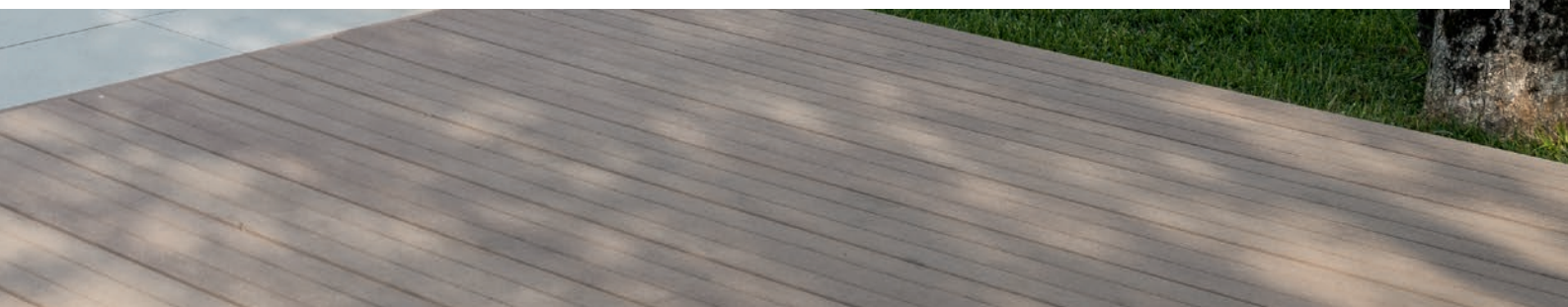
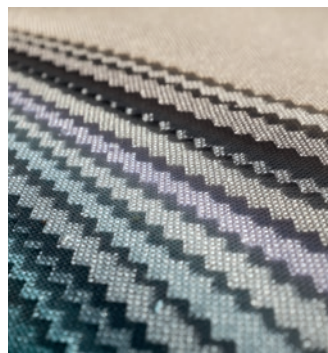
A FACADE BLIND IS
TEXTILE ARCHITECTURE
THAT SETS ACCENTS
AND CREATES COMFORT.





For interior designers the textile sun protection is a design element with charm and functionality.

High climate and light comfort in perfect workmanship and many design options.

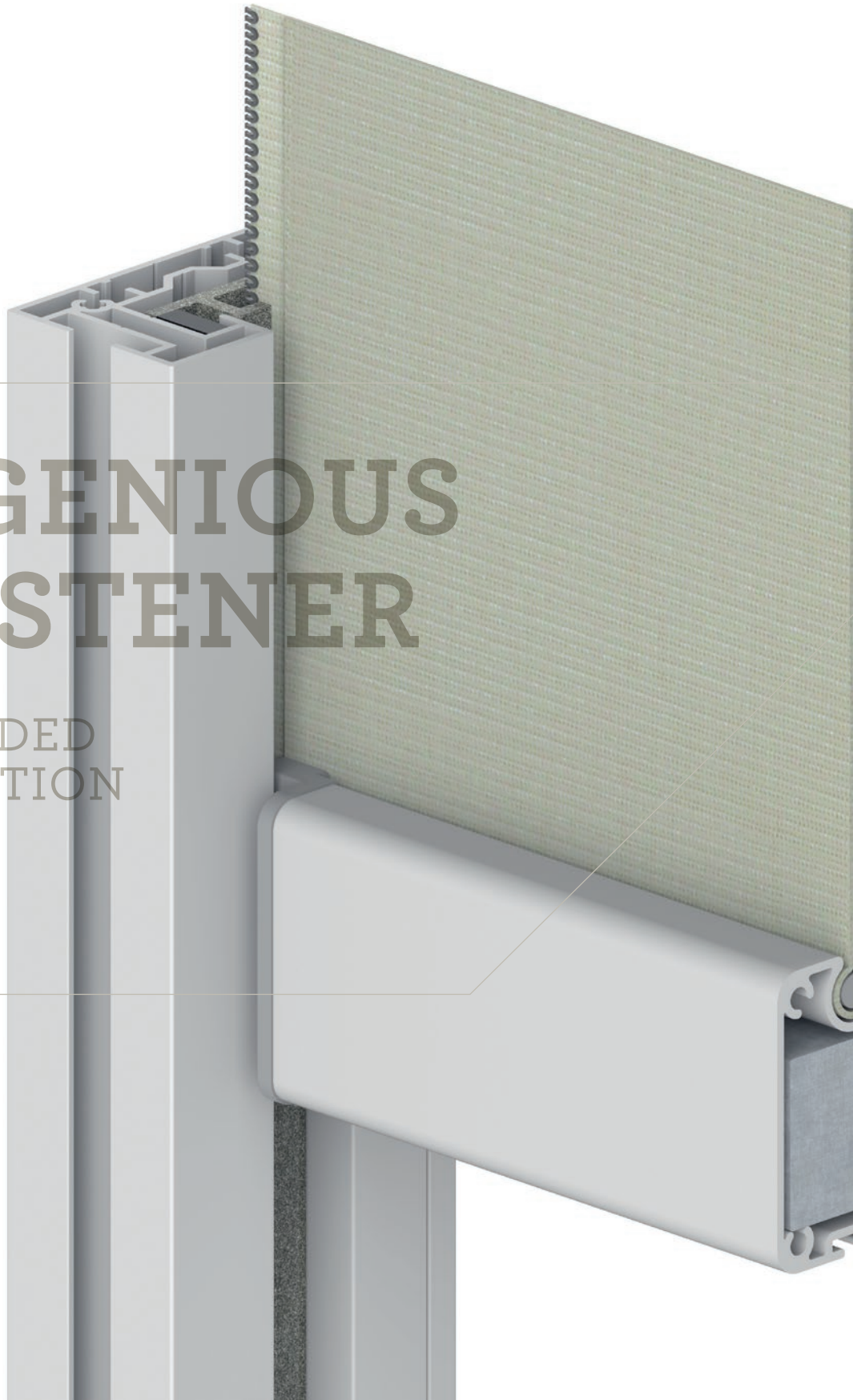


SHADING AS IF ON RAILS

The side seam guided system from HELLA is a welded-on or sewed-on ultra-stable zip-fastener that guides the cover exactly, stably and quietly in the two-part guide rail. Even at high wind forces (wind resistance class 3 according to DIN EN 13561) nothing flutters.

AN INGENUOUS ZIP-FASTENER

SIDE SEAM GUIDED
GLARE PROTECTION





Precise guiding of the cover via plastic zipper guiding on the inside



Side seam guided glare protection
available for the models
VB 107, VB 207, VB 507 and VB 507 Recess



High wind stability in all positions of the front rail due to the direct connection between cover and guide rail



The zip fastener welded-on over the complete height of the cover holds it tight and wrinkle-free. Also available for distance mounting.



**PRECISE
GUIDING
OF THE BLIND**

FRONT-MOUNTED BLINDS

TEXTILE ARCHITECTURE FOR NEW
AND EXISTING BUILDINGS



HELLA Front-mounted blinds - perfectly suitable for special sun protection requirements on vertical facades and window surfaces with modern architectural elements. Models are available with semi-circular or square designed boxes or with boxes that are especially designed to suit the requirements of recess installation.



VB 101/201/401
Rail guiding



VB 102/202
Rail guiding
with sloping projection unit



VB 103/203
Cable guiding

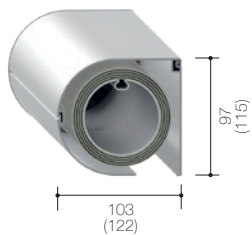


VB 105/205
Drop-arm awning

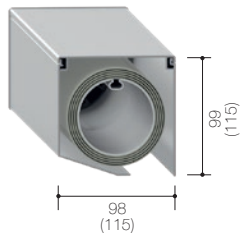


VB 107/207/507
Side-seam guided
glare protection

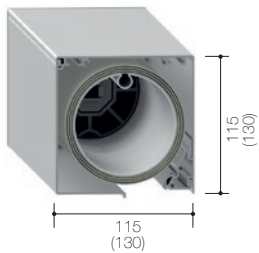
Limit sizes	VB 101/201	VB 401	VB 102/202	VB 103/203	VB 105/205	VB 107/207/507	VB 507 Shaft
Maximum width [mm]	3500	2500	3000	3000	3000	4000	3500
Maximum height [mm]	4500	2800	4500	3000	1200	4500	4500
Maximum surface [m²]	9	6	9	9	3.6	12	12



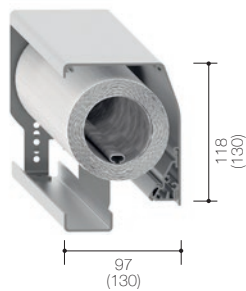
VB 101/102/103/105/107
semi-circular



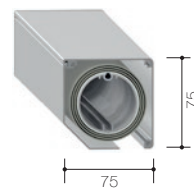
VB 201/202/203/205/207
square/slanted



VB 507
square or round



VB 507 Shaft
square



VB 401
square/slanted 45°





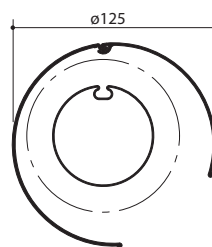
FACADE AWNINGS

GEOMETRIC CLARITY AND STRUCTURAL FLEXIBILITY

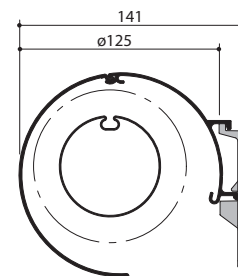
Geometric clarity and structural flexibility are strong points of HELLA's facade awnings; they are mounted directly to the facade whereby a certain distance to the windows must be maintained. Therefore, it is possible to perfectly shade large areas. Various fastening options allow for easy installation in nearly every constructional situation. FM 200 sets striking accents with its round design.



FM 200
round



FM 201/FM 202



FM 203



FM 201
Rail guiding



FM 202
Rail guiding
with sloping projection unit



FM 203
Cable guiding

Limit sizes	FM 201	FM 202	FM 203
Maximum width [mm]	3500	3000	3000
Maximum height [mm]	4500	4500	3000
Maximum surface [m ²]	9	9	9

VERTICAL AWNINGS

PERFECT HEAT AND GLARE PROTECTION FOR LARGE SURFACES

The vertical awning from HELLA functions like a second building envelope, thus provides a perfect heat and glare protection. It reflects the sun rays, masters the shading of large surfaces at sports facilities or public buildings and is perfectly suitable for offices with display work stations. This vertical awning is an architecturally attractive design element as the brackets can be mounted towards the top or the rear. Therefore, they are nearly invisible to the outside world.

Limit sizes	SM 101	SM 102	SM 103	SM 103
			Installation on the outside	Installation on the inside
Maximum width [mm]	3500	3000	5000	5000
Maximum height [mm]	4500	4500	3000	4000
Maximum surface [m ²]	9	9	9	20



INDIVIDUAL
SUN PROTECTION
CAN BE SO BEAUTIFUL



SM 101
Vertical awning
with rail guiding



SM 102
Vertical awning
with rail guiding
and sloping projection unit



SM 103
Vertical awning
with cable guiding



Mounting bracket
mounted towards the back

Strainer clamp
mounted towards the back



Mounting bracket
mounted towards the top

Strainer clamp
mounted laterally











Mounting bracket
mounted towards the top

Tensioning shoe
mounted towards the bottom



OVERVIEW

ANY SHAPE AND ANY SIZE

	01 Guide rail	02 Rail guiding with sloping projection unit	03 Cable guiding	05 Drop arm	07 Side seam guided	Box shape
VB 100	■	■	■	■	■	semi-circular 
VB 200	■	■	■	■	■	square/slanted 
VB 400	■					square/ slanted, especially small 
VB 507 square					■	square 
VB 507 round					■	round 
VB 507 Recess					■	
FM 200	■	■	■			round 
SM	■	■	■			

BOX SIZES

Limit sizes	Height [mm]	Depth [mm]	Type	Height [mm]	Depth [mm]
VB 101/102	97 (115)	103 (122)	VB 401	75	75
VB 103/105	97	103	VB 507 square	115 (130)	115 (130)
VB 107	97 (115)	103 (122)	VB 507 round	130	130
VB 201/202	99 (115)	98 (115)	VB 507 Shaft	118 (130)	97 (130)
VB 203/205	99	98	FM 200		125 (diameter)
VB 207	99 (115)	98 (115)	SM	100	116

ONYX®

THE SMART HOME SYSTEM FROM HELLA

The Smart Home System ONYX.HOME was specially developed for the operation of sun protection products. Venetian blinds, outdoor blinds, awnings and roller shutters are conveniently controlled via smart phone, tablet or even fully automatic.

All sun protection products are graphically displayed in the free ONYX® app. The position of the sun screen is already visible during control. All products can be visually marked with colours in the app. In addition, it is possible to assign names for each individual cover for easier identification and operation.

Controlling the sun protection product via pushbutton or the hand-held radio transmitter ONYX.CLICK is also possible. This gives children or guests, who have no access to the app, the possibility to operate the sun protection product.

ADVANTAGES

Your HELLA benefits for this product:

- Easy configuration: scan and get started
- Live feedback on position and movement of the sun protection product
- Automatic functions are individually adjustable for each sun protection unit (wind/sun/astro/time/twilight)
- Also easy and inexpensive for renovation
- Security through transparent access control
- Routing function for the best possible data transmission due to reliable forwarding of the signals
- Secure encryption between devices and smartphone/tablet



ONYX.CENTER

The center box serves as an interface between smart phone and the individual control devices and communicates via a wireless radio connection. It transmits radio commands bidirectionally so that the exact current position of the sun screen is displayed via the live feedback in the app.



ONYX.CLICK

ONYX.CLICK is the hand-held radio transmitter for the control of sun protection products. It serves as an extension for the center box ONYX.CENTER, but it can also be used without the box in the stand-alone operation.



THE HELLA COVER COLLECTION

TECHNICAL FABRICS

FOR SPECIAL REQUIREMENTS FOR HEAT,
VISION AND GLARE PROTECTION

GLASS FIBRE COVER

This fabric consists of glass fibre filaments that are coated with PVC. Due to the weaving structure it appears to have a textile character.

- Excellent heat protection
- Excellent air permeability and view to the outside due to especially smooth yarn surfaces
- The high elasticity and the weaving structure correct the crumpling foldings.
- Different openness coefficients
- Fire protection class B1 acc. to DIN 4102-1
- Large web widths

POLYESTER COVER PVC-COATED

Fabric made of polyester yarn, pre-stretched in both directions and PVC-coated (Preconstraint process).

- Excellent heat protection thanks to micro ventilation
- Excellent weather and UV resistance
- Wide range of colours
- High form stability and tearing strength
- Large variety of openness factors
- Fire protection class B1 acc. to DIN 4102-1

DARKENING COVER

Available as glass fibre fabric or PVC-coated polyester fabric, each with darkening layer.

- High form stability and tearing strength
- Easy to clean due to the smooth surface
- Long lifespan
- Fire protection class B1 acc. to DIN 4102-1 or M1 acc. to French standard

POLYESTER COVER

A high-quality fabric from our cover collection, that is both completely made of dope-dyed yarns and 100% free of PVC.

- High form stability and very good resilience
- High tearing strength
- Colours of extraordinary brilliance and intensity

POLYESTER COVER PVC-FREE

View protection and anti-glare fabrics based on the latest manufacturing technology, that additionally are 100% free of PVC .

- Nice look due to its textile character
- Excellent view to the outside
- Odour-free
- Increased heat protection with aluminised fabrics
- Certain fabrics available with fire protection class B1 acc. to DIN 4102-1.

ACRYLIC COVER

HELLA acrylic fabrics consist of a 100% dope-dyed branded acrylic fabric and impress especially with their textile character.

- Light and weather resistant
- Highest colour brilliance and colour fastness
- Excellent view protection
- Dirt repelling and resistant to rotting
- Tearproof and durable
- Seven colour worlds
- Quality Lumera with specifically developed fibre, for especially bright colours. In addition the very smooth and dense surface reduces the staining.



**COLOURFUL,
LIGHTFAST AND
WEATHER-RESISTANT**

A person is sitting on a grassy field, with their legs in blue jeans visible in the foreground. The background is filled with lush green trees under a clear blue sky. The sun is shining from the upper right, creating a bright lens flare effect. The word "SUSTAIN" is written in large, white, outlined capital letters across the middle of the image.

SUSTAIN

The principle is not new. Box-type windows of former generations used air cushions as climate buffers. Modern facade blinds perfect this principle and create a highly effective, air-filled climate zone that shields both heat and the cold. In addition, special-coated fabrics and efficient control devices which for example respond to the sunlight, reduce the energy demand. This saves money, protects the environment and improves the indoor climate. For sure a good feeling.



CLIMATE PROTECTION

Facade blinds regulate the indoor climate.

Don't throw your money down the drain!
Protect the environment and feel comfortable.

ABLE



INDOOR CLIMATE

THE PERFECT TEMPERATURE
FOR YOUR WELL-BEING



SUMMER

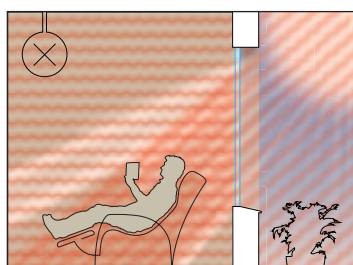
HELLA facade blinds can reduce the effects of high outside temperatures by up to approx. 85 %, depending on the design. You don't need an air-conditioning system anymore to maintain a comfortable cool temperature.

WINTER

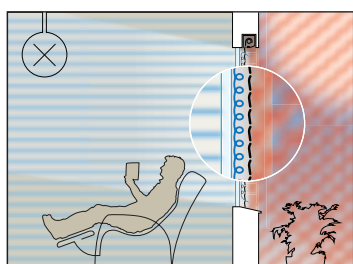
When closed, HELLA facade blinds create a standing air cushion in front of the glass, and therefore prevent the circulation of air. Energy consumption for heating can be lowered by up to 20 %, depending on the product.



LESS COOLING ENERGY IN SUMMER

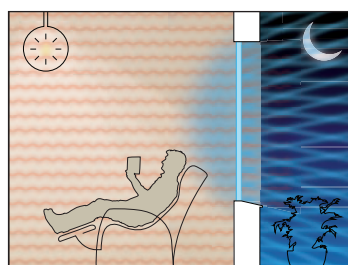


Without sun protection heat can enter the living space without hindrance. The temperature inside the room is unpleasantly high.

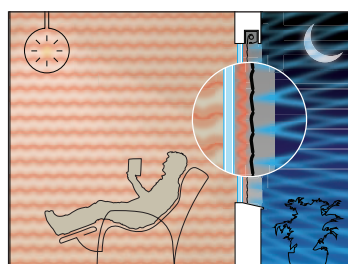


The air circulation between the sun protection and the window largely eliminates heat transfer via convection.

LESS HEATING ENERGY IN WINTER



Without sun protection the window and glass facade functions like a thermal bridge when it is cold: The warm air escapes and it becomes unpleasantly chilly in the living area.



When the sun protection is closed, an air cushion is created in front of the glass, which prevents the circulation of air. As a result, the warm air stays inside the living area and keeps the cold air outside.



The long-established company HELLA

is one of the leading European manufacturers of sun and weather protection systems and stands for functional innovations, visionary design and maximum customer benefit. The world of sun and weather protection is constantly changing due to numerous patented developments.

From the first venetian blind that was produced in East Tyrol in 1959 to the high-tech control devices for the intelligent house of the future, we are driven by only one desire: To develop something really good. . Since then the brand HELLA convinces with innovative strength and a large variety of products - all of top quality and perfect function. Today, HELLA is an internationally significant initiator for the development of sustainable systems for sun and weather protection. Whether for a single-family home or a large project - we are always close to our customers.

HELLA is always an original - innovative and made-to-last.

HELLA has created new standards through ground-breaking technologies. Our products have the quality of the original product. They are sophisticated and sustainable and produced in modern, environmentally friendly plants.

PARTNERSHIP WITH HANDSHAKE QUALITY

Your HELLA benefits

- Perfect support due to many specialist shops and selected retail partners
- High-quality expert advice from qualified sales assistants
- Best price-performance ratio
- Service provided by trained technicians
- Comprehensive guarantees
- Finest product quality due to development and production at our own premises
- Ecologically oriented quality with maximisation of energy savings
- Successful since 1959



HELLA
Facade blinds

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