

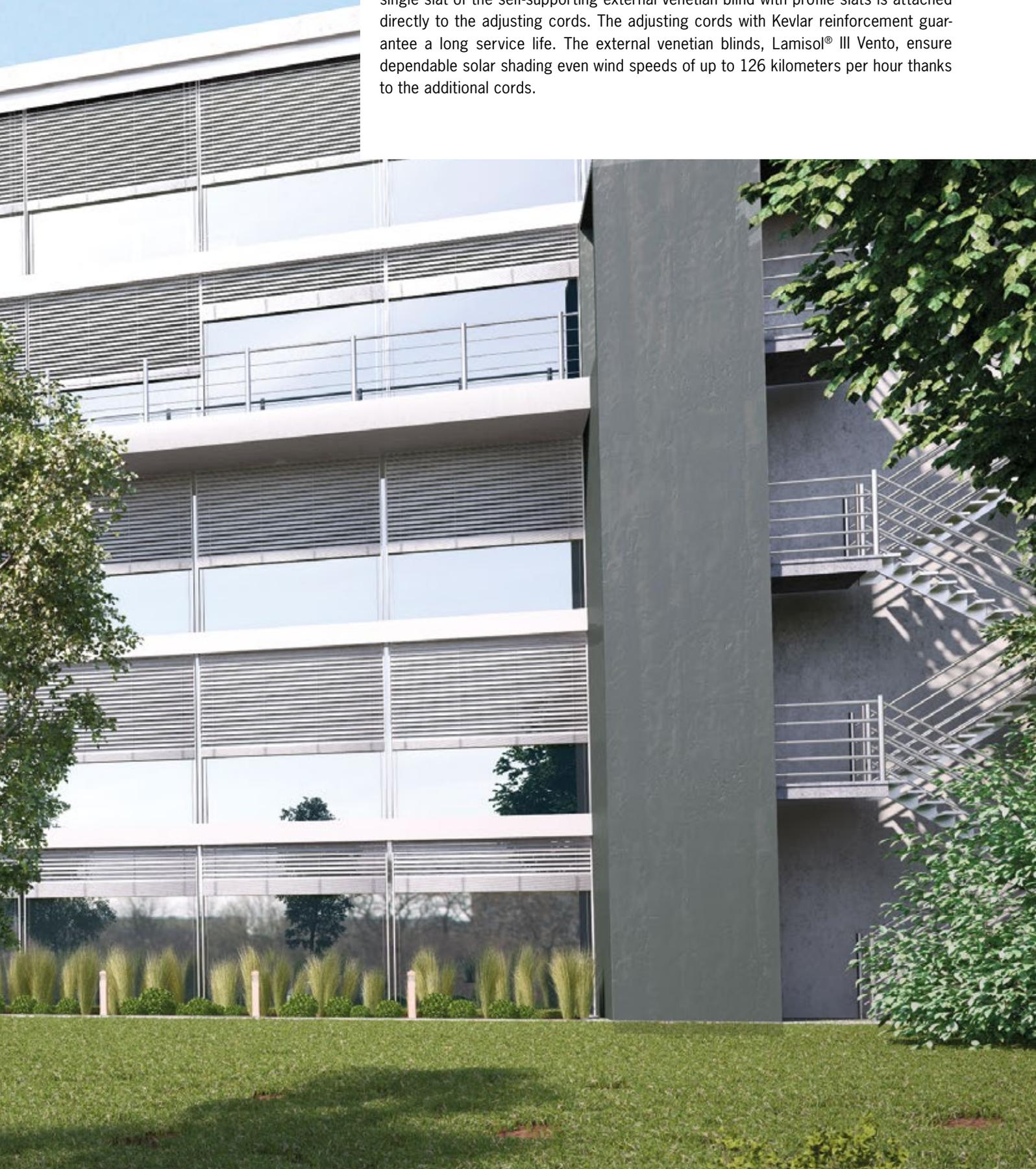
**External venetian blinds from Griesser.  
Lamisol® III Vento**





## Lamisol® III Vento

With Lamisol® III Vento you won't lose sleep, even in the windiest of storms. Every single slat of the self-supporting external venetian blind with profile slats is attached directly to the adjusting cords. The adjusting cords with Kevlar reinforcement guarantee a long service life. The external venetian blinds, Lamisol® III Vento, ensure dependable solar shading even wind speeds of up to 126 kilometers per hour thanks to the additional cords.





Self-supporting, reinforced system



Header installation



Installation with screen



Anti-fall protection



Two side cords provide more wind stability

## Product-Highlights Lamisol® III Vento – tight as a drum



Integrated into the guides cable fastening



Small light slit



Friction end rail

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## PRODUCT ADVANTAGES IN DETAIL

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### Wind-stable external venetian blinds

Wind tests in the wind tunnel at Ruag in Emmen show that Lamisol® III Vento can be used in wind class zones up to 8, independently of the dimensions. Two filigrees, side cords and a friction end rail provide the increased wind stability. Guide nipples and sealing lips help absorb the sound of the wind.



### Self-supporting System Fix

The self-supporting System Fix, with integrated cable fastening in the guides, makes quick installation with as little mess as possible. Additional reinforcement and a friction end rail ensure that the wind force is absorbed.



### Operating position (option)

When a blind is lowered, there is often a disruptive effect, especially on a work space. The operating position of approximately 48 degrees prevents these dark phases when the blind is lowered.



### Lamisol® III Vento Reflect (option)

Contemporary workspaces with monitor screens need to meet requirements regarding heat protection, use of daylight, glare protection and ability to see outside. Lamisol® III Vento Reflect, with its various slat positions, provides an optimal solution for this. The correct distribution of the curtain in the glare protection zones, the use of daylight and the ability to see outside are decisive. The glare protection is created with the closed slats in the lower zone. This reduces the light density difference in the field of vision to the recommended values (field of vision/monitor screen max. 3/1). The upper zone with the open slats provides the use of daylight.



### Adjusting cords

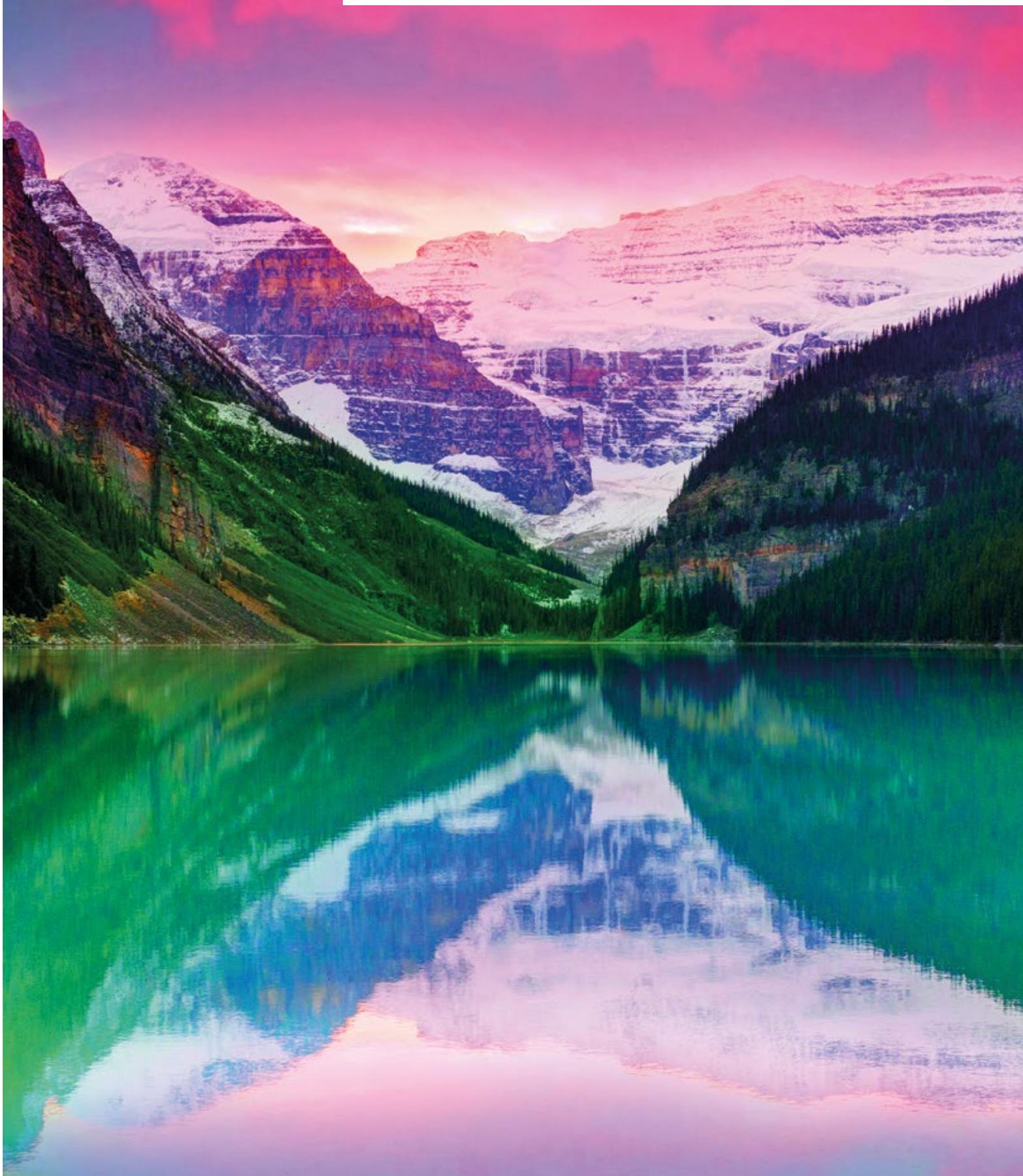
Yellow Kevlar fibers ensure low stretch and shrinkage levels – the slat end remains in optimum condition for years.



### Installation system

We offer you the Lamisol® III Vento in two different installation versions. One for the header situation and one for the version with a screen.

## Our color scheme



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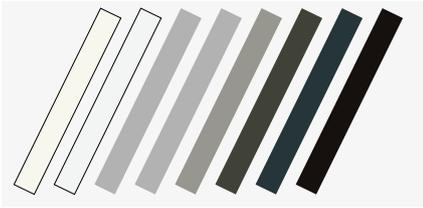
## OUR COLORS

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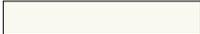
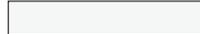
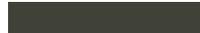
### GRIESSER BESTSELLER COLORS

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#### Surface structure

Semi-gloss

 RAL 9010	 RAL 9016	 RAL 9006	 VSR 140 - Metallic
 RAL 9007/VSR 907	 RAL 7022	 RAL 7016	 RAL 8019

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### PREMIUM COLORS

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#### GriRal Colors

Our GriRal color collection has an assortment of 50 different RAL shades of color. From sand yellow to standard white, we offer a complete selection of hues for every color family. We're convinced that with our color palette, you will find exactly the right shade of color for your needs.



#### GriColors

The GriColors range includes 100 color shades in four collections, Glass & Stone, Sun & Fire, Water & Moss and Earth & Wood – from cool white and sunny red to natural blue and earthy brown.

#### Surface structure

Semi-gloss



#### BiColor

External venetian blinds get a new color accent: When bright color is dominant outside, a neutral light can optimize the shading function inside. Create your own preferred color combination using our two color collections, GriColors and GriRal (excluding standard colors).

The exterior color shows as a border along the edge of the interior view. Our color recommendations for interior colors: white (VSR 901), light gray (VSR 904) or medium gray (VSR 130).

## Our comfort



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## CONTROLS

Lamisol® III Vento can be operated through a variety of control systems, from a simple hand-held transmitter to a master control or a building management system, depending on the time, position of the sun and the weather.

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### Thermal comfort

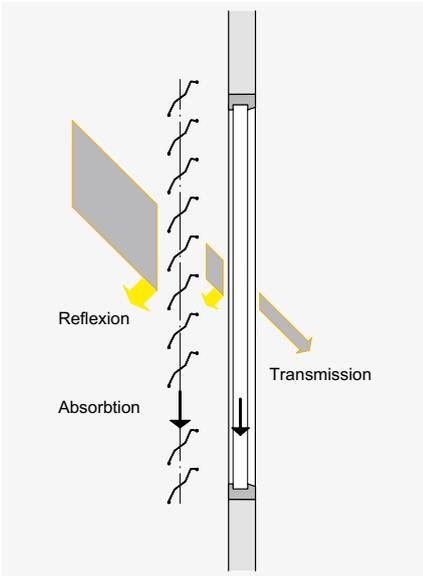
The ambient conditions change over the course of the day and during the seasons. With a blinds control device from Griesser, you can adjust your solar shading to match your personal requirements in accordance with changing exterior circumstances. And making these adjustments is so simple that you will still have time to take care of the important things in your life.

An optimal daylight concept makes artificial air conditioning superfluous in the summer. You save energy costs and may well also avoid one or another unwanted summer cold. In the winter, on the other hand, a solar shading system can protect you against cold and allow the scarce rays of the sun into the room, thus saving once again on energy costs, not to mention facial tissues.

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### Visual comfort

Having a sense of well-being also means being able to decide for oneself, particularly within one's own four walls, just how much one wants to reveal to the outside world. With Grinotex III Sinus®, you are sheltered from uninvited glances from the outside world.



BiLine hand-held transmitter



Centero Home for smartphone and tablet operation

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### BILINE - REMOTE CONTROL

The control system Griesser BiLine provides contemporary design and high functional security through routing technology. Wireless systems have the advantage of being installed quickly, not only in new buildings but also when refitting an automated system in existing buildings.



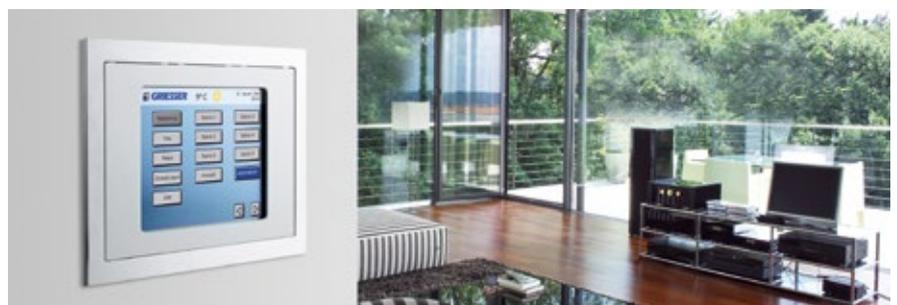
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### KNX / GBUS HOME AND BUILDING AUTOMATION

The Griesser KNX and gBUS solar shading controls are integrated master controls with extensive functionalities for any building of any size. With proven functions such as solar tracking and horizon limitation, it meets the highest expectations for solar shading control.

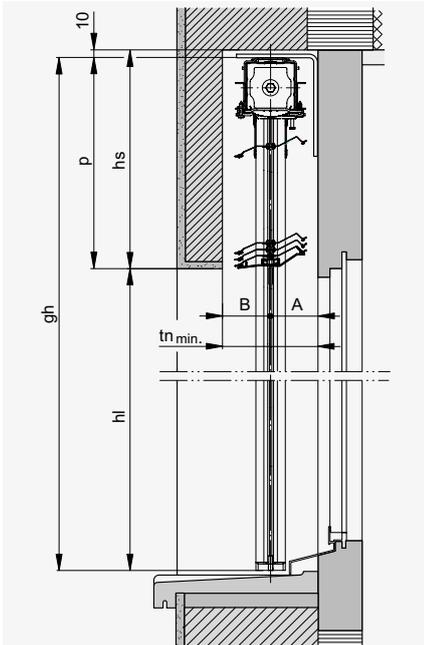


KNX / gBUS controls per iPad



# Technology in detail

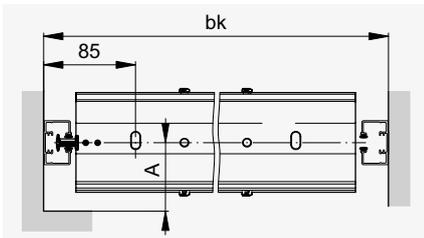
## Vertical section



## BUILT-IN SYSTEM



## Top section



## Lamisol® III Vento

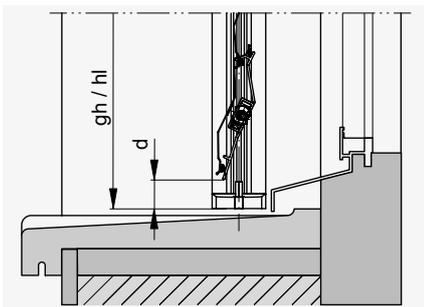
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## Depth of niche

Typ	tn	A	B
Lamisol® III Vento	min. 130*	65	65

\* + allfälliger Zuschlag für vorstehende Wetterschenkel oder Türgriffe.

## Detail below



## BUILT-IN SYSTEM WITH COVER



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## LIMIT DIMENSIONS LAMISOL® III VENTO

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### bk Width of construction (rear edge of guide rails)

Minimum	
motor drive	695
Maximum	3000

### Windklassen

bk	up to 1500	up to 2500	up to 3000
Lamisol® III Vento	8	7	6
Wind classes	up to 126 km/h	up to 108 km/h	up to 92 km/h

Buildings and high-rise structures which are exposed to high wind should decrease this maximum value as required (see operating instructions).

### hl Opening height

Minimum	400
Maximum	3000

### bk × hl Maximum surface area

Single blind	
motor drive	9 m <sup>2</sup>
Connected systems (max. system width 10 m)	
A max. of 2 blinds may be connected on each side of the gearbox.	
with motor drive	
2 blinds	16 m <sup>2</sup>
3 blinds	20 m <sup>2</sup>

### Header dimensions

Opening height (hl)	Header height (hs)
400–1750	225
1751–2000	235
2001–2250	250
2251–2500	260
2501–2750	275
2751–3000	290

Vorgehängt montiert max. 100 mm mit druchgehenden Befestigungswinkel. Ab bk 2500 Tragkanal mit zusätzlichem Fixbügel.

System Lamisol® III Vento Reflect +5 mm.

Header dimensions are approximate values which may exhibit negative or positive deviations depending on the technical circumstances.

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## KEY

bk = Width of construction

hl = Opening height

p = Height of package

hs = Header height (p + min. 10)

tn = Depth of niche

All dimensions in mm.



**Your partner:**

Griesser solar shading - Quality since 1882.  
[www.griessergroup.com](http://www.griessergroup.com)

