GRIESSER

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

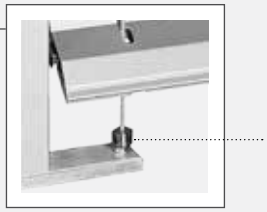
Header installation

Installation with screen

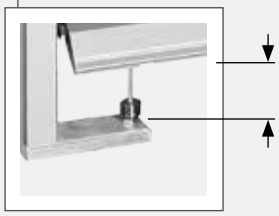
Anti-fall protection

Two side cords provide
more wind stability

Product-Highlights Lamisol® III Vento



Integrated into the
guides cable fastening



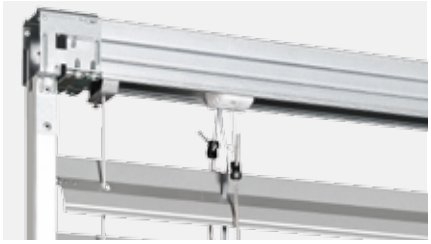
Small light slit

Friction end rail

PRODUCT ADVANTAGES IN DETAIL

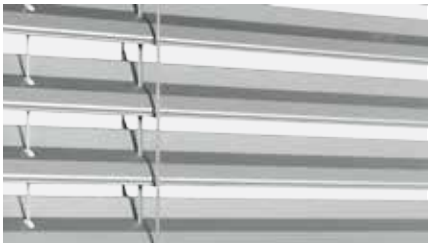
Wind-stable external venetian blinds

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

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

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.

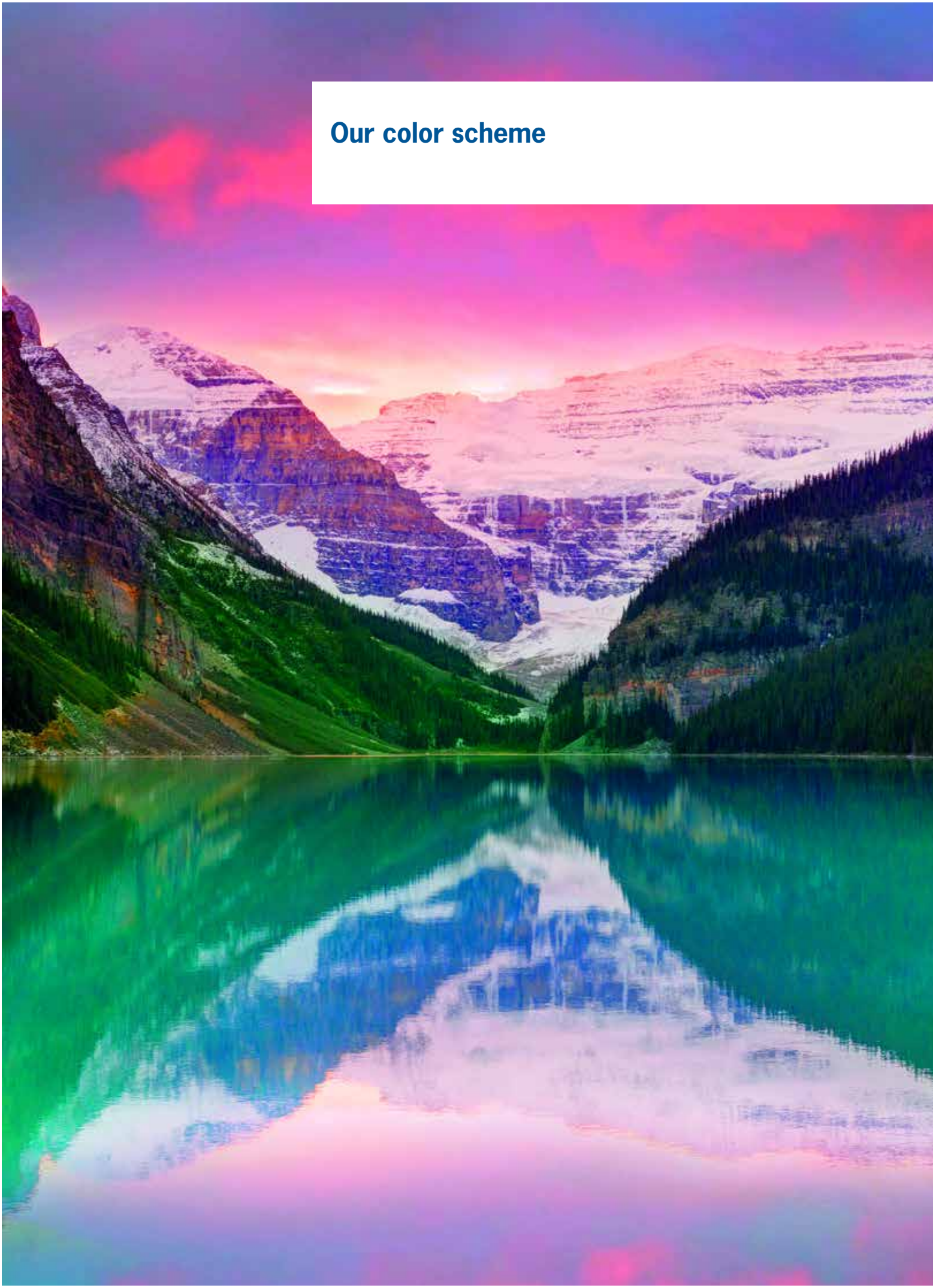
Adjusting cords

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



OUR COLORS

STANDARD COLORS

We have created a selection of the most popular colors for you. This has resulted in our five standard colors RAL 7016, RAL 9007/VSR 907, RAL 9006/VSR140, RAL 9010 and RAL 9016.

RAL 9006/VSR 140

RAL 7016

RAL 9007/VSR 907

RAL 9016

RAL 9010

PREMIUM COLORS

Surface structure
Semi-gloss

Collection GriColors

The colors of our solar shading systems should reflect your wishes, lend distinction to the character of the architecture and create a personal atmosphere. These wishes are a daily challenge to our developers, planners and lacquerers. The variety available for the color selection recognizes practically no limits, given that we have selected 100 color tones – the GriColors – in addition to the standard colors and divided them into four groups for which nature provided the models. Glass & Stone, Sun & Fire, Water & Moss and Earth & Wood set unique color accents.

Surface structure
Semi-gloss

Collection 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.

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).

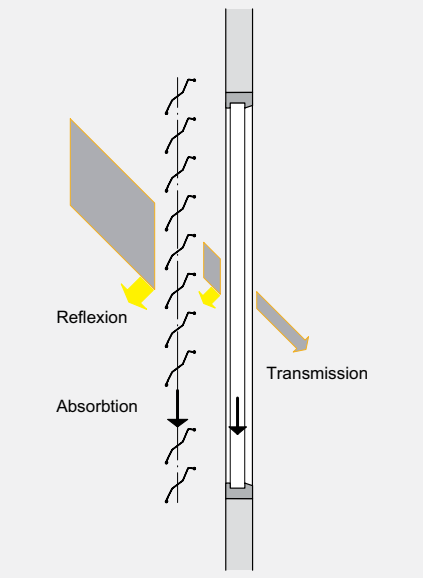
SPECIAL COLORS

Color means individuality - there are practically no limits to our Special Colors. No wish goes unanswered with additional innumerable and facade-ready color tones.

Our comfort

CONTROLS

Lamisol® III Ventocan 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.



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.

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

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.

Centrero server for iPad and iPhone operation

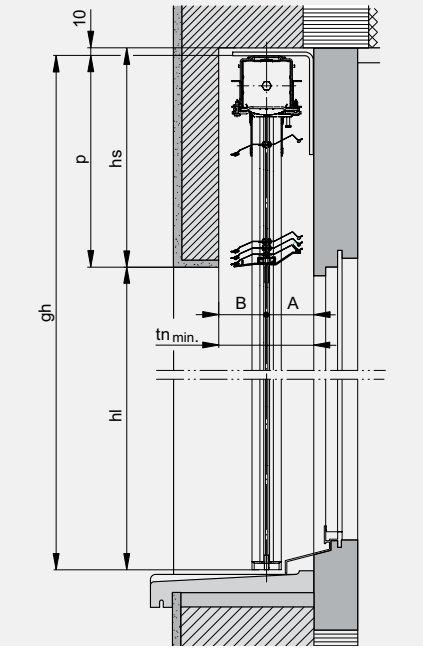
KNX HOME AND BUILDING AUTOMATION

The Griesser KNX solar shading controller is an integrated master control 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 controls per iPad

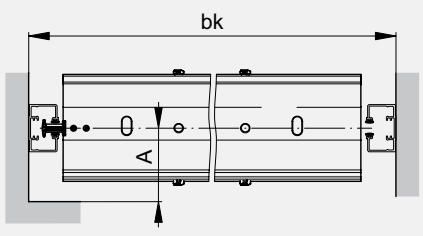
Technology in detail

Vertical section



BUILT-IN SYSTEM

Top section



Lamisol® III Vento

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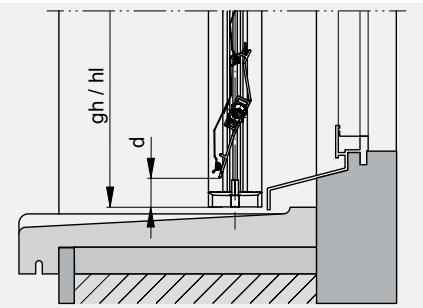
Depth of niche

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

LIMIT DIMENSIONS LAMISOL® III VENTO

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 m²
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 m²
3 blinds	20 m²

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.

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

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