

VENETIAN BLIND SYSTEMS

RAFF-E, LS DARK, FACADE VENETIAN BLINDS, BUILT-ON AND WINDOW FRAME MOUNTED VENETIAN BLINDS





VENETIAN BLINDS BY ALUKON

LIGHT REGULATION AND VISUAL PROTECTION

ALUKON venetian blinds are a modern sun protection, aesthetically integrated into the facade design and giving a warm, cosy lighting effect to your living room.

Enjoy the non-glaring daylight and make your individual settings for incoming light. Due to the reflexion of the sun light, venetian blinds are creating a convenient indoor climate saving costs for air condition and satisfy the demand for privacy through visual protection and the right level of transparency.

Other products and novelties are to be found on WWW.ALUKON.COM







Sun protection

convenient indoor climate on hot summer days



Saving energy

less room cooling and better use of daylight



Anti-glare protection

flexibly adjustable aluminium slats



Daylight control

more daylight in the room thanks to special slat contour



Visual protection

more privacy at home



Blackout

with LS DARK venetian blind for best closing behaviour





View

high visibility from inside looking outside



Facade design

venetian blinds as part of a fancy facade look



For large surfaces

up to 16 m², max width 500 cm



Ease of use

the systems can be opened and closed independently using automation



Insect repelling system

for many box types, will keep your home free of annoying insects



Made in Germany

durable, high-quality materials









RAFF-E VENETIAN BLINDS BOX SYSTEM





PLASTERED BOX



BOX OPEN AT THE BACK



BOX CLOSED, FRONT ACCESS

DESIGN WITH FUNCTIONALITY

QUICK AND EASY INSTALLATION

RAFF-E is qualified for large surface areas and different types of installation. RAFF-E was created to guarantee easy measurements and installation at site. There is no need for extensive expert knowledge and the time needed at site is dramatically reduced.



X

Quick and easy installation

preassembled ready- to-install solution, just fix the guide rails onto the box



our aluminium boxes are extra robust and durable



For large surfaces

max width 400 cm max height 450 cm



Insect repelling system

available with integrated insect repelling system

LS DARK **DARKENING VENETIAN BLINDS** External venetian blind with special design The partially concave slats, which are flanged on both sides, are additionally provided with a piping on the lower edge flanging. On the one hand, this dampens the closing action and wind noises and, on the other hand, it optimally seals the slats so that they lie one above the other.

THROUGH INNOVATIVE TECHNOLOGY

The special features of LS Dark are the unpunched slats, as the upward and downward movement takes place via the side lift in the guide rails. The extremely stable bottom rail is equipped with an additional anti-lift device for increased security.

The space-saving, delicate loop cords reliably open and close the slats. Special guide rails and an optional cover plate also reduce lateral light incidence.





Blackout

optimum closing action in innovative design



Stabilität

robuste Unterschiene und integrierte Hochschiebehemmung



Daylight control

more daylight in the room thanks to special slat contour



Visual protection

opaque even with illuminated interior





L-BLIND PLASTERED U-BLIND PLASTERED L-BLIND VISIBLE U-BLIND VISIBLE

NEW BUILDINGS AND MODERNISATION

IDEAL SOLUTION FOR LARGE WINDOWS

ALUKON facade venetian blinds are available as visible or shaft installation systems, with guide channels or cable guided. Installation is possible in the lintel, on the wall or on the facade with spacers.

The bevelled aluminium boxes are available in all RAL colours of the ALUKON colour variety. Besides the visible box we offer plastered versions, to be integrated almost invisibly into the facade.





For large surfaces

up to 16 m², max width 500 cm



our aluminium boxes are extra robust and durable



Setting creative accents

available in all RAL colours in brilliant, mat or structured coating



A WIDE RANGE OF BOXES

SUITABLE FOR ALL ALUKON BUILT-ON SYSTEMS

Built-on boxes are available in several shapes and colours allowing an individual facade design of the building.

Combining venetian blinds with roller shutters or textile sun protection ZipTex on your facade offers the possibility to adapt the screens to your needs.





Setting creative accents

available in all RAL-colours in brilliant, mat and structured surface or anodized



Easy access

the exterior access blind guarantees quick and clean service and repair work

Extruded and durable

our aluminium boxes are available in a wide range of different shapes, they are extra robust and non-corroding



Insect repelling system

can be integrated in all built-on boxes

WINDOW FRAME MOUNTED **VENETIAN BLINDS**



PVC TOP-MOUNTED BOX AK-MIRO PLUS



FOAMED TOP-MOUNTED BOXES AK-FLEX WITH CLINKER



TWO IN ONE -**INTEGRATED INSTALLATION**

FOAMED OR PVC WINDOW FRAME MOUNTED BOX

The **foamed top-mounted box AK-FLEX** with venetian blind is specially designed for new buildings or renovations together with the entire window and meets the current requirements for both thermal and sound insulation. Thanks to its flexibility in outside dimensions, it can be used in all wall structures and installation situations, regardless of whether it is a thermal insulation composite system, exterior plaster, clinker or slate facade.

The **AK-MIRO PLUS top-mounted PVC box** with venetian blind is also suitable for renovation and new construction and is snapped directly onto the window for easy installation and installed together. It is compatible with all standard window types thanks to different adapter profiles that are adapted to the window system.



The invisible solution

window frame mounted boxes with venetian blinds are integrated almost invisibly into the facade



Easy installation

the box will be fixed on the window via adapter profile for integrated installation



For all types of installation situations

different wall thicknesses for thermal insulation composite system, external plaster, clinker brick or slate facade



Insect repelling systems

to be integrated into all front mounted boxes

GLASS SLIP GUARD **PROTECTION** RAFF-E **BUILT-ON AK-FLEX** VENETIAN BLINDS

GLASS SLIP GUARD PROTECTION

FOR RAFF-E, FRONT MOUNTED AND **BUILD-ON VENETIAN BLINDS**

The ALUKON slip guard protection is a modern, discreet solution for floor-to-ceiling windows. It provides unrestricted visibility to the outside and more daylight intake in the rooms.

Planning takes place directly with the RAFF-E, front mounted or build-on venetian blind and can be used in new buildings as well as in modernisation projects. The 16 mm laminated glass (according to AbP) is inserted into the waterproof, multi-part guide rail between the window and venetian blind and secured in a concealed manner.



Quick and easy installation

directly with the venetian blind, thereforeno additional fastening to the façade is necessary



Glass heights 25 to 110 cm and system widths up to 280 cm; with filigree glass edge protection







F 80 slats

space-saving, light and beautifully shaped design with low stack height

C/CV 80 flanged slats

flanging on both sides makes the slat more stable, in offset stacking CV 80 requires less space than with standard stacking of the C 80 slat







stable z-shaped slat contour with flanging on both sides and piping on the underside for noise







reduction and better closing action, suitable for darkening particularly designed slat contour for optimal light control at all times of day and year, fitted with sealing piping in the lower flanging and therefore sound-absorbing and well suited for darkening





for use in LS Dark venetian blinds, for optimal darkening of living spaces, with sealing welt in the lower flanging and without lift strap punching, for maximum reduction of light reflections





LS 80 LIGHT GUIDING SLATS

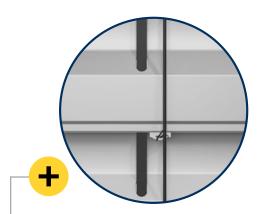
External venetian blind with special design

The partially concave slats, which are flanged on both sides, are additionally provided with a piping on the lower edge flanging. On the one hand, this absorbs the closing action and wind noises and, on the other hand, it optimally seals the slats so that they lie one above the other.

PARTICULAR DETAILS

WITH PERFECT FUNCTION

The ALUKON LS 80 light guiding slats are based on many years of experience in shadowing and are one of the most innovative sun protection products with a great technical know-how right down to the smallest detail. It is moved via filigree, space-saving loop cords and can be used in track and cable guides.



Vertical Tex tape punching

in a flanged design. This is covered in the best possible way by the Tex tape when closed and therefore few light passes through.



Guide nipple in the shape of a ship's propeller

Alternately attached to the slats, these ensure the best stacking action.



LIGHT CONTROL AND DESIGN

THANKS TO INNOVATIVE SLAT CONTOUR

The special slat shape is designed as a modern design element in a kind of "headlight principle". This ensures optimal light control, which is most effective with bright slat colours.

closed slats

Good darkening of the rooms thanks to special closing action.







20° light guiding position

Glare-free slat position with the best possible view to the outside. Tracking is not necessary.



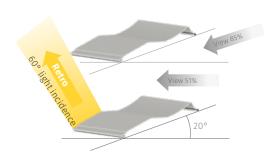
LIGHT CONTROL



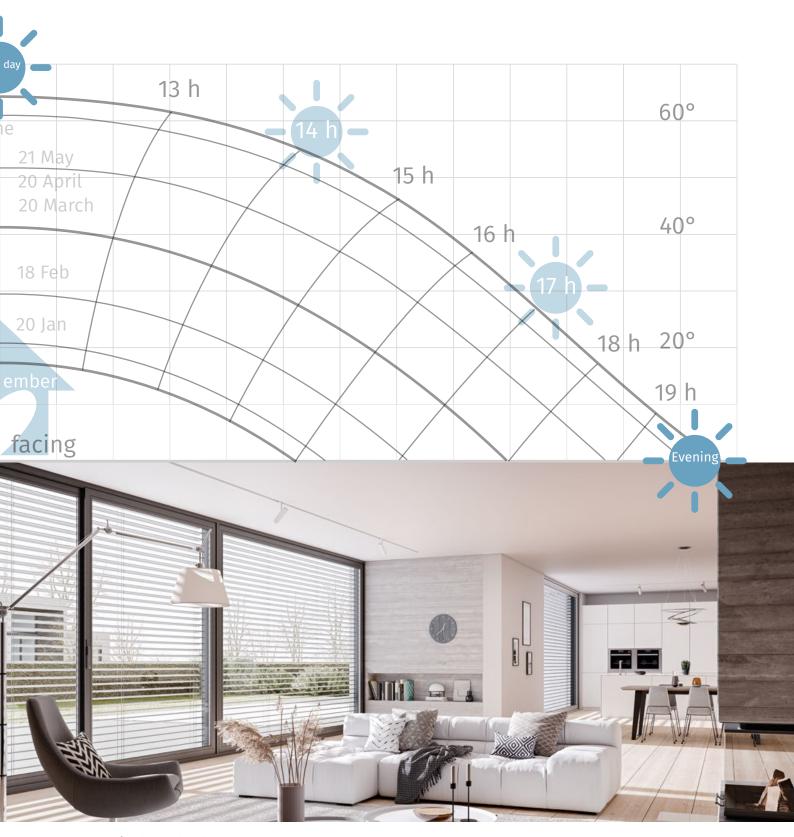


midday in summer

The steep and hot rays of sunlight are reflected back, so the heat stays outside, the room is not unnecessarily heated and the view to the outside is retained. Indirect light also brightens the room without disturbing, dazzling rays of sunlight.



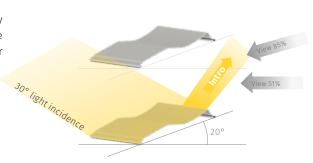




midday in winter

The flat rays of sunlight are reflected completely inwards across the slat contour without glare and illuminate the room in an optimum manner while using the solar radiant heat.









DARKENING EFFECT LS DARK VS. FLAT SLATS F 80



Darkening with LS Dark

A darkening can be achieved much more effectively in the same living space with LS Dark, as no disturbing light spots shine into the interior thanks to the lack of lift strap punching required in the slats. This system also blocks the view into the illuminated apartment at night.



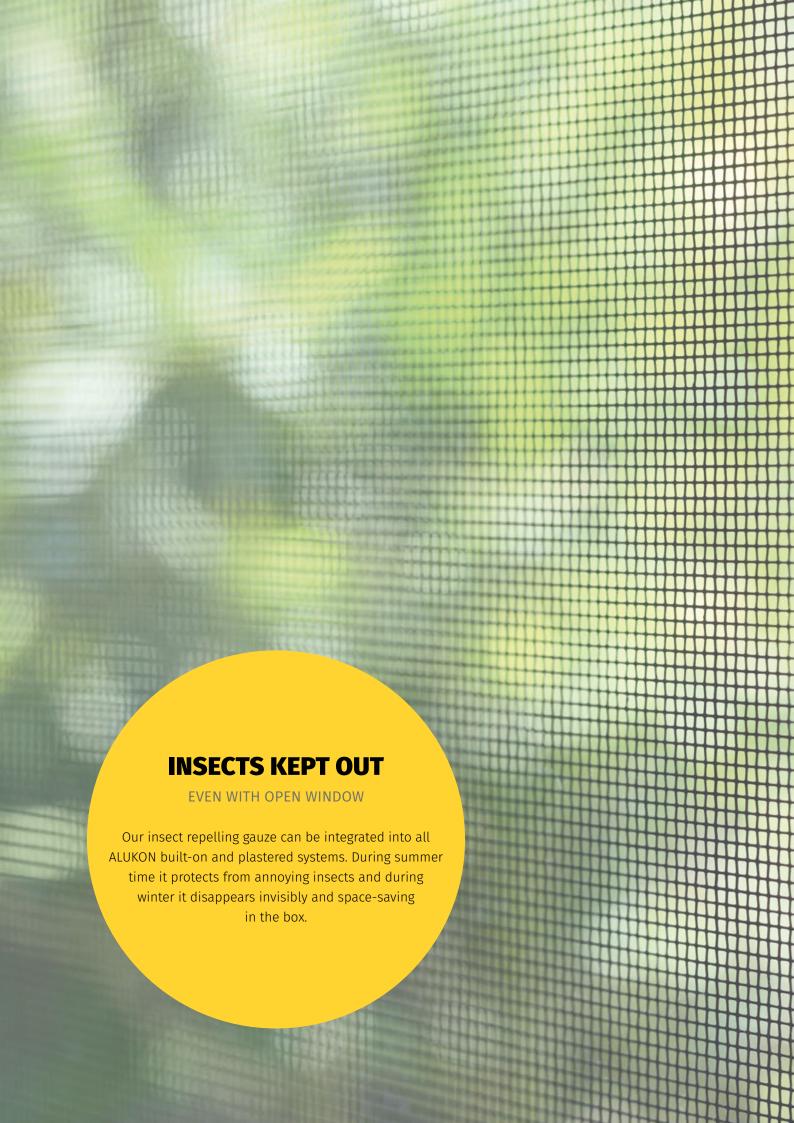




Sense of space with closed flat slats F 80

The closed flat slats, which only overlap slightly, still let relatively high levels of daylight into the living space. The lift strap punchings also allow light to pass through and daylight can also pass through easily from the side in the guide rails area.







EASE OF USE

THE MOST SUITABLE FOR EVERY APPLICATION

It doesn't matter whether the motorization had been planned at the new building or has to be done later at a modernization, with modern remote control motors all functions are on hand and let you control individual roller shutters or groups of roller shutters from your sofa or office desk. With automatic controls the roller shutter and sun protection equipment open and close completely automatically – also during your absence from home.

Remote control operation

radio controlled drives with handheld transmitter or time switch offer extra convenience



Automatization

sun protection equipment are Smart Home compatible and can be integrated in existing home controls





ABSTRACT

VENETIAN BLIND SLATS

| slats | F 80 Flat slats | C 80 flanged slats | CV 80 flanged slats | Z 80 Z-shaped, flanged slats | LS 80 Light guiding slats | LS Dark blackout blind | | | |
|---|--|--------------------------|---------------------------|---|---------------------------------|---------------------------|--|--|--|
| | 78 | 80 | 10,5 | 2 | 80 | 80 | | | |
| Technical data for R | AFF-E | | | | | | | | |
| max. width | 400 cm | - | 400 cm | 400 cm 400 cm | | - | | | |
| max. height | 450 cm | - | 412 cm | 373 cm | 393 cm | - | | | |
| Technical data for facade venetian blinds | | | | | | | | | |
| max. width | 500 cm | 400 cm | 500 cm | 400 cm 400 cm | | - | | | |
| max. height | 450 cm | 450 cm | 450 cm | 450 cm | 450 cm | - | | | |
| Technical data for e | th 500 cm 400 cm 500 cm 400 cm 400 cm 400 cm 450 cm | | | | | | | | |
| max. width | 360 cm | - | 360 cm | 360 cm | 360 cm 360 cm | | | | |
| max. height | 366 cm | - | 225 cm | 200 cm 215 cm | | - | | | |
| Technical data for A | K-FLEX.2 | | | | | | | | |
| max. width | 500 cm | - | 500 cm | 400 cm 400 cm | | - | | | |
| max. height | 450 cm | - | 300 cm | 260 cm | 260 cm | - | | | |
| Technical data for A | K-MIRO PLUS | | | | | | | | |
| max. width | 335 cm | - | 335 cm | 335 cm | 335 cm | - | | | |
| max. height | 450 cm | - | 300 cm | 260 cm | 260 cm | - | | | |
| Technical data for L | S-Dark | | | | | | | | |
| max. width | - | - | - | - | - | 300 cm | | | |
| max. height | - | - | - | | | 300 cm | | | |

Slat colours RAL 7016 anthracite grey * RAL 7021 black grey RAL 7035 light grey RAL 7038 agate grey RAL 8019 grey brown RAL 9005 jet black matt ** RAL 9001 cream white RAL 9006 white aluminium \star RAL 9007 grey aluminium * RAL 9016 traffic white DB 703 iron mica *

- * Colour is also available in matt** only for Z 80 and LS 80

| Slats | F 80 | C 80 | CV 80 | Z 80 LS 80 | | LS Dark |
|-------------------------------|----------------|----------------|---|-------------------------|--|--|
| Visibility and sun protection | *** | *** | *** | **** *** | | *** |
| light control in the room | ** | ** | ** | *** **** | | **** |
| View | *** | ** | ** | *** | *** | *** |
| Darkening | ** | ** | ** | *** | *** | **** |
| Stack heights | **** | * | *** | *** | *** | *** |
| Advantages | Sun protection | Sun protection | Sun protection and optimised stacking action | Stability, darkening | Light control technology, darkening, stacking action | Maximum darkening and light control technology |

^{*} Valuation

RAFF-E Kastenvarianten

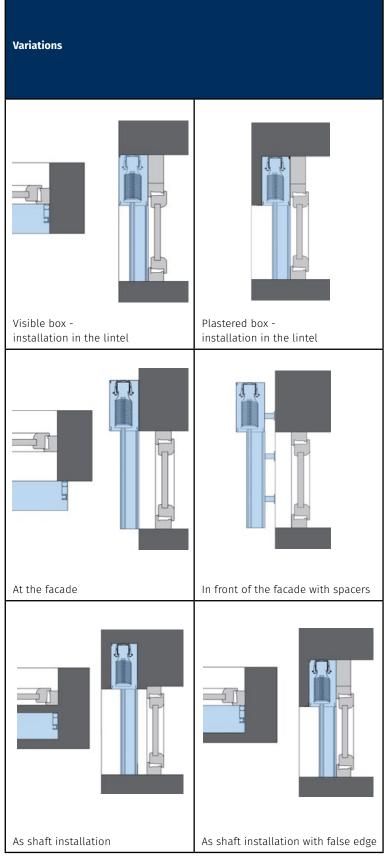
Box dimensions Colour in mm **Box form** RAL (surcharge) **Thickness** 1,2 V1 closed at front 1,2 V2 open at rear 1,2 V3 closed at back L-blind

U-blind

PL-blind

PU-blind

Types of installation

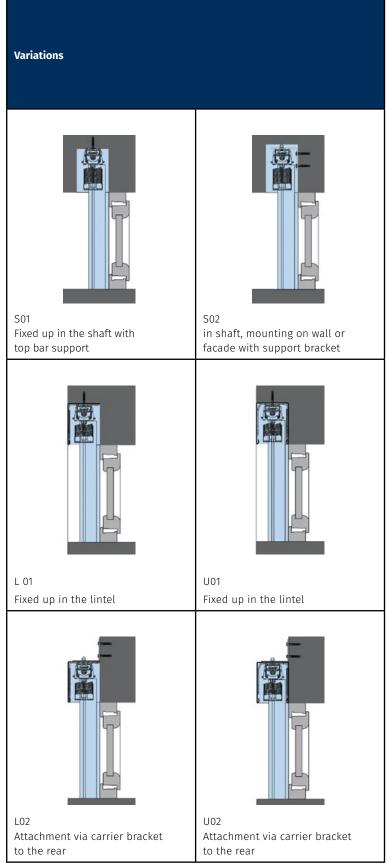


LS DARK

LS-Dark blinds

Blind dimen-Colour sions in mm Form of blinds **Blind size** Visible blinds L-blind U-blind Plastered blinds PL-blind PU-blind

Montagearten



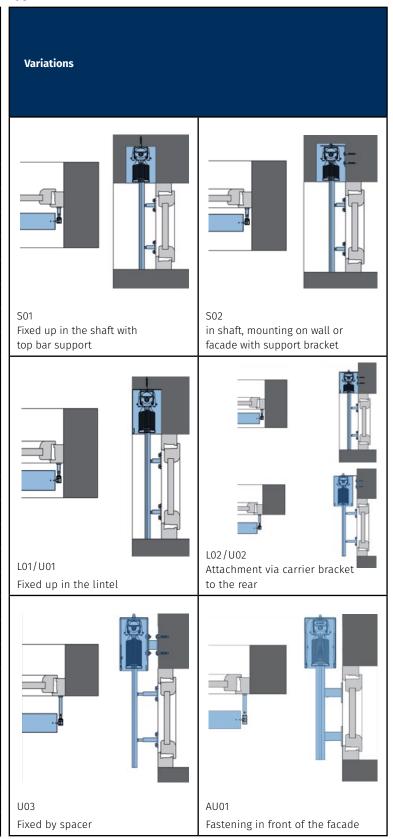
ABSTRACT

FACADE VENETIAN BLINDS

Fassadenraffstore Blenden

Blind dimensions Colour in mm Form of blinds **Blind size** Visible blinds L-blind U-blind Plastered blinds PU-blind PL-blind PU-blind

Types of installation



Subject to technical changes. No liability for printing errors. Colour deviations are printing related.

ABSTRACT

VENETIAN BLINDS BUILT-ON BOXES AND WINDOW FRAME MOUNTED BOXES

Built-on and plastered extruded boxes

Available box colours **Box dimensions** in mm standard colours (surcharge) **Box form** ALUKON RAL colour range silber anod white 9016 **Box size** Α В C D Ε RAL 165 168 168 145 48 180 184 184 156 49 • • • • • 205 210 210 179 • 20° bevelled, front access 165 168 168 145 46 • • • • • 180 184 184 156 • • • 205 210 210 179 71 • • • • • 20° bevelled, bottom access? 165 169 121 169 47 180 184 184 133 51 205 209 209 151 74 165 168 168 168 46 _ 180 184 184 184 47 205 209 209 209 71 • 165 169 146 92 176 54 • 180 183 158 99 191 56 • 205 210 183 113 219 84

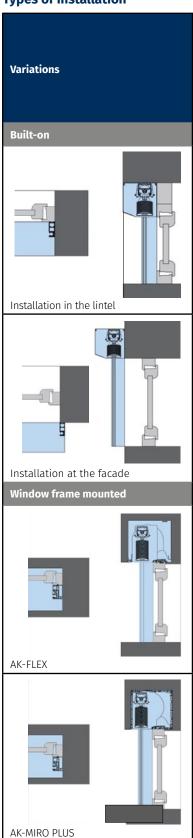
Window frame mounted box

| | 270 | 270 | 260 | - | - | - | |
|-----------------|-----|-----|-----|---|---|---|------------------------|
| | 300 | 300 | 260 | - | - | - | |
| AK-FLEX | 365 | 365 | 260 | - | - | - | Standa |
| | 253 | 253 | 260 | - | - | - | Other col |
| | 283 | 283 | 260 | - | - | - | and boxes to be fou |
| AK-FLEX Clinker | 248 | 248 | 260 | - | - | - | document frame mou |
| AK-MIRO PLUS | 240 | 255 | 240 | - | - | - | as in the |

dard colour white

lours for guide rails (only AK-MIRO PLUS) und in the technical tation of the window unted systems as well e element price list.

Types of installation



Subject to technical changes. No liability for printing errors. Colour deviations are printing related.

^{*}These colours do not correspond to a RAL shade.

^{*} with/without plaster angle

ALUKON COLOUR VARIETY

FOR ALL POWDER COATED ALUMINIUM PRODUCTS

ALUKON RAL colour range

brillant, matt or structured coating



Surface types

All aluminium surfaces are durable, easy to clean and suitable for facades, with excellent wheater proof and light resistance features. All products are coated with the latest technology in our modern powder coating facility to provide your favourite colours and surface type - Made in Germany.

ALUKON SUN PROTECTION, ROLLER SHUTTERS AND INSECT REPELLING SYSTEMS

QUALITY PRODUCTS MADE IN GERMANY

ALUKON is one of the leading German manufacturers of roller shutters, sun protection and insect repelling systems. We produce on two sites in Konradsreuth (Upper Franconia) and in Haigerloch (Swabia).

ALUKON products are developed with enthusiasm and innovative capacity out of high-grade and durable material made-to-measure both for modernization or for new buildings.

Find the right item for your needs in our huge variety of products and colors and choose from a wide range of additional equipment. We offer you individual complete solutions from a single source.

Privacy, indoor climate and mood of the light can be adapted individually with ALUKON products.

More products and novelties are shown on our website WWW.ALUKON.COM

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Guidance, planning, sales and installation. All from one source.

