



**ALUKON**

Sonnenschutz Rollladen Insektenschutz

## **BUILT-ON ROLLER SHUTTER SYSTEMS**

BUILT-ON ROLLER SHUTTERS AND SOLUTIONS INTEGRATED INTO  
THE FACADE

[WWW.ALUKON.COM](http://WWW.ALUKON.COM)



**ALUKON**  
Sonnenschutz Rollläden Insektenschutz

## **BUILT-ON ROLLER SHUTTERS BY ALUKON**

FACADES DESIGNED CREATIVELY

Built-on roller shutters are mounted in front of the window and are eligible likewise for new buildings and for renovations during a refurbishment. As to colouring the wide range of ALUKON shades is available to your taste.

Whether you look for classical roller shutter profiles, s\_onro®, JalouRoll or exterior blind curtains, there is a perfect solution – on demand also with integrated insect repelling system. ALUKON roller shutter curtains are made out of aluminium or PVC profiles and are on hand in different profile heights.

**Other products and novelties are to be found on  
[WWW.ALUKON.COM](http://WWW.ALUKON.COM)**



## MORE THAN JUST VISUAL PROTECTION

ALUKON SYSTEMS HAVE MORE ADVANTAGES THAN YOU MIGHT IMAGINE



### Visual protection

more privacy in your home



### Insect repelling systems

to be integrated in all roller shutter boxes, keeps out pesky critters



### Sun protection

pleasantly cool and shady on hot summer days



### Severe weather protection

protects against hail and other damage



### Burglar resistance

an additional barrier for your security discourages intruders



### Noise protection

reduces noise pollution



### Energy saver

supports heat insulation, saves energy and heating costs



### Ease of use

convenient by electronic drive or simply by cord or strap operation, crank mechanism



### Facade design

roller shutters being a part of a vivid facade design



### Extruded or roll-formed

rollers shutter boxes out of extruded or roll-formed aluminium



### Stability

boxes and profiles made of non-corroding aluminium – solid, long-lasting, low maintenance and recyclable



### Made in Germany

durable, premium quality material



## **A PIECE OF DESIGN**

VISIBLE OR ALMOST INVISIBLE

Built-on roller shutters with colours in harmony provide the facade with a special look. It is your decision to design the appearance of your home with matching colours or on purpose rich in contrasts.





## **PROTECTION AND COMFORT**

FOR THE HIGHEST DEMANDS

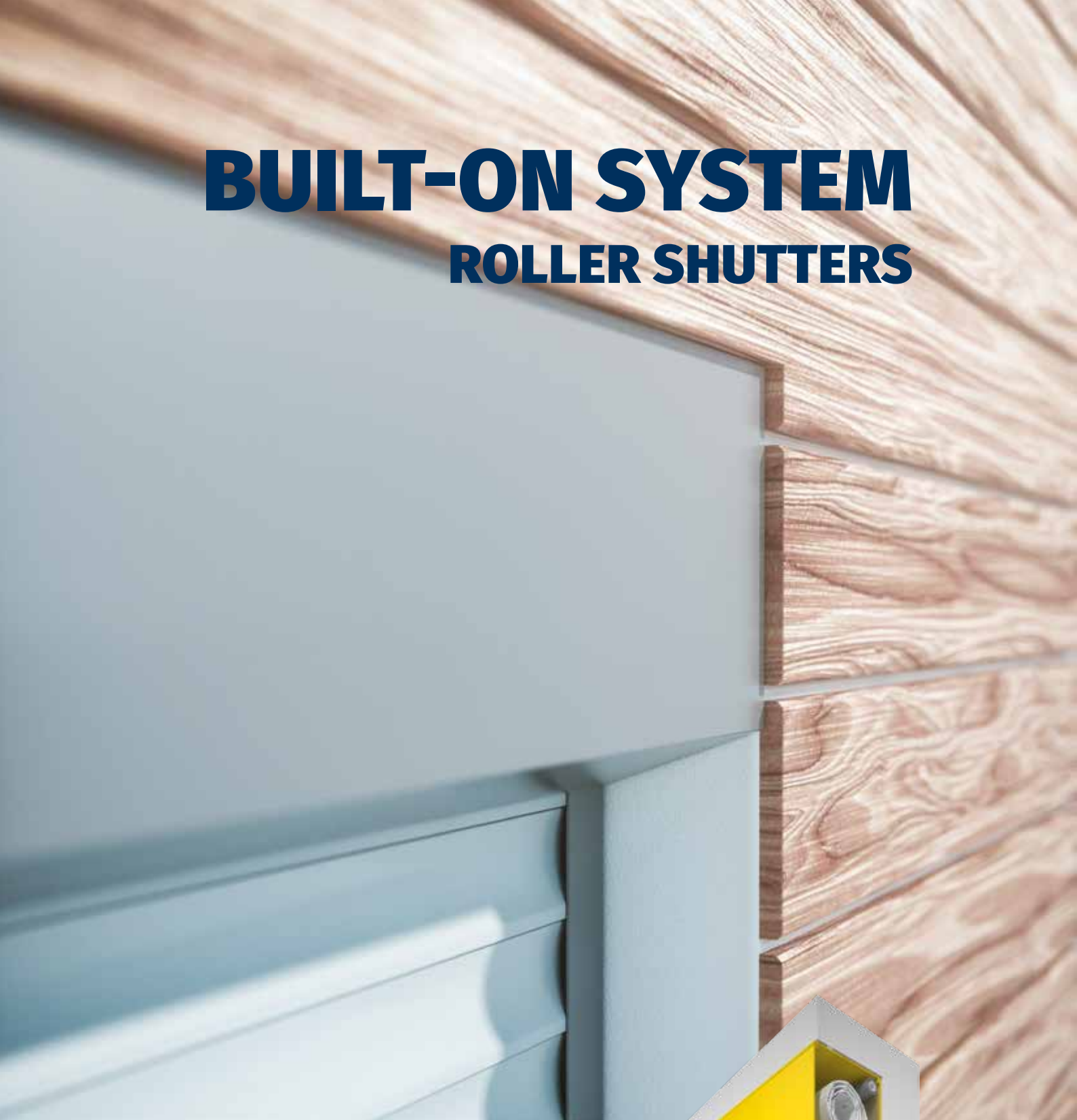
Roller shutters and sun protection products from ALUKON can be adapted to individual needs.

Whether you need sun, privacy or insect protection – we have the right solution for all situations and living requirements.



# BUILT-ON SYSTEM

## ROLLER SHUTTERS



QUARTER ROUND



ROUND



20° BEVELLED



45° BEVELLED



90° RECTANGULAR

## FORMS AND COLOURS

AS DESIGN FEATURE FOR YOUR FACADE

Built-on roller shutter boxes are available in a multitude of different forms and colours to design individually the facade of your house.



### Setting creative accents

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



### Extruded or roll-formed

roller shutter boxes out of extruded or roll-formed aluminium



### Insect repelling system

to be integrated in all roller shutter boxes



### Ease of use

convenient by electronic drive or simply by cord or strap operation, crank mechanism

# PLASTERED ROLLER SHUTTERS



*PLASTERED RS 20°*



*PLASTERED RS 90°*

## SOLUTION INTEGRATED INTO THE FACADE

INVISIBLE AND FUNCTIONAL

ALUKON plastered roller shutters are integrated at new buildings or at a later exterior insulation invisibly into the facade.



### Setting creative accents

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



### Extruded or roll-formed

roller shutter boxes out of extruded or roll-formed aluminium



### Insect repelling system

to be integrated in all roller shutter boxes



### Ease of use

convenient by electronic drive or simply by cord or strap operation, crank mechanism

# GLASS SLIP GUARD PROTECTION



*PLASTER BASE 20°  
AND AS PLASTER  
BASE 90° INCLINED*

*ROUND*

*20° INCLINED*

*45° INCLINED*

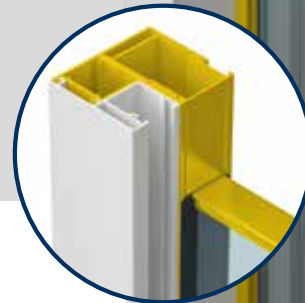
*90° STRAIGHT*

## GLASS SLIP GUARD PROTECTION

CAN BE INTEGRATED INTO FRONT SHUTTER

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 is carried out directly with the front-mounted or plaster base roller shutter and can be used in new buildings as well as in modernisation. The 16 mm laminated glass (according to AbP) is inserted into the waterproof, two-part guide rail between the window and roller shutter and fastened in a concealed manner.



### Quick and easy installation

directly with the roller shutter, therefore no additional fastening to the façade is necessary



### Tested safety

Glass heights 50 to 110 cm and system widths up to 280 cm; with filigree glass edge protection

**ROLLER SHUTTERS**



**JALOUROLL**



**S\_ONRO®**



## TYPES OF CURTAINS

NOW IT IS UP TO YOU

ALUKON has the suitable curtain for each application. The curtains are decorative and elegant and are depending on your demand heat-insulating, burglar-resistant or regulate sun incidence. As an extra comfort they offer visual, sun and severe weather protection.



# RAFFSTOREN



# ZIPTEX



## **VERMIN KEPT OUT**

EVEN WITH OPEN WINDOW

Our insect repelling gauze can be integrated into all ALUKON built-on and plastered systems. During summer time it protects from annoying vermin and during winter it disappears invisibly and space-saving in the box.

## INTEGRATED INSECT REPELLING SYSTEM

INCREASES THE QUALITY OF YOUR RESIDENCE

The gauze fixed on a spring mechanism is integrated invisibly in the box behind the curtain – as an option.

It can be operated like a roller blind, pulled down and clicked into place via the Easy-Click-mechanism. During the winter half year it can be kept invisibly and rolled up in the box.

The gauze is out of robust fabric available in black or grey.



## EASE OF USE

FOR EACH APPLICATION THE MOST SUITABLE

It does not matter whether the motorization had been intended at the new building or has to be done later at a modernization, with modern remote control motors all functions are on hand and you control individual roller shutters or groups of roller shutters from your sofa or bureau.

By 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 hand-held transmitter or time switcher offer extra convenience



### Automatization

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



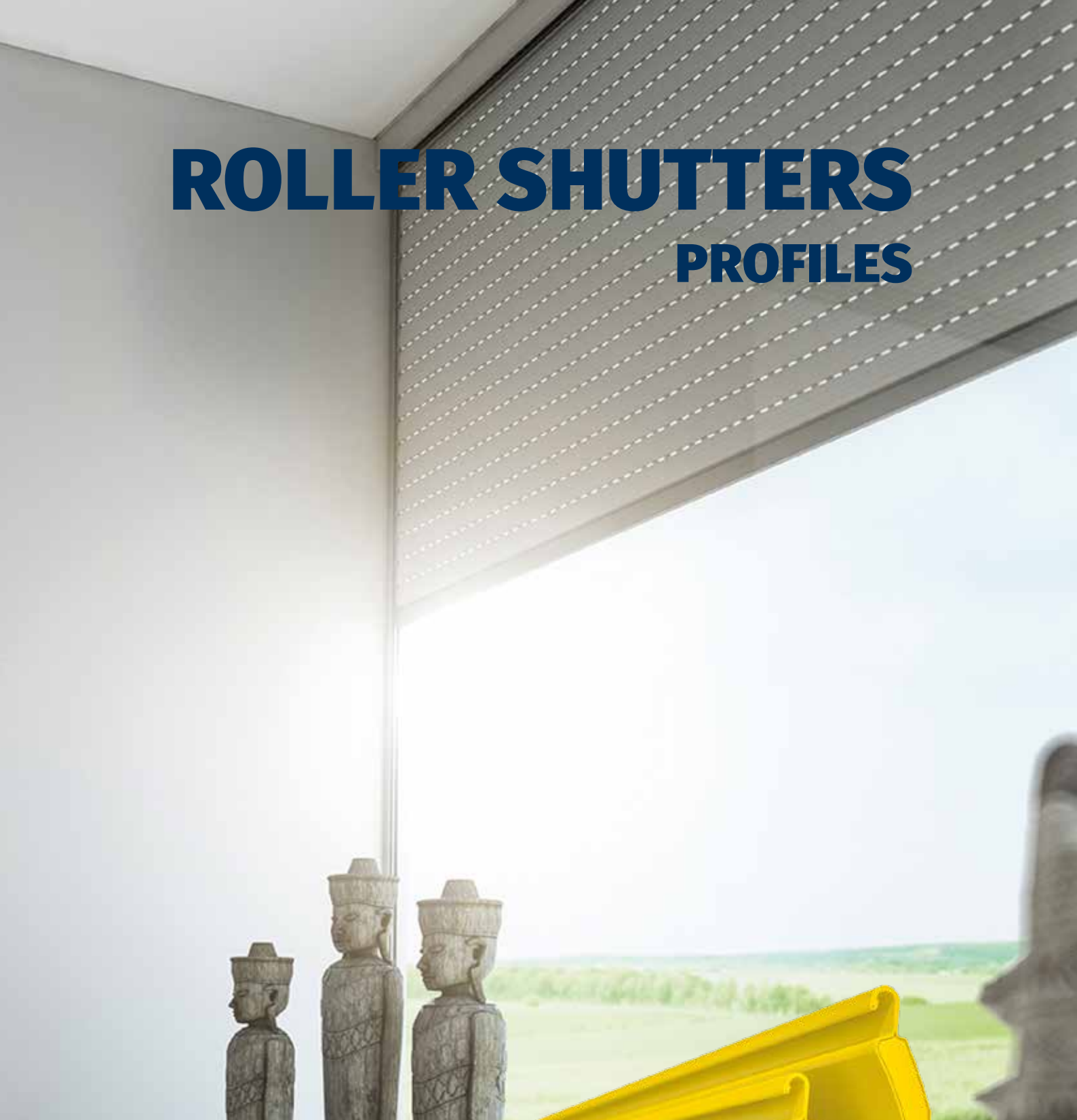
## **MOTOR DRIVES**

A PLUS OF COMFORT FOR YOU

The motorization of roller shutter and sun protection equipment guarantees extra comfort.

ALUKON sun protection systems are operated smoothly and silently simply at the push of a button or fully automated.

# ROLLER SHUTTERS PROFILES



## **Roller shutter profiles**

are made out of durable, robust aluminium. Also available out of PVC in different heights. In addition to that extruded aluminium profiles to be coated in all RAL colours are on hand.



# ELEGANCE ON THE WINDOW

DESIGN FACADES WITH ROLLER SHUTTERS

Roller shutters made out of high-quality aluminium provide a high dimensional stability and are therefore especially robust. They are decorative and elegant, are heat-insulating as well as burglar resistant, provide additional amenities such as light regulation, visual, sun and severe weather protection.



### Sun protection

comfortable indoor climate also during hot summer days



### Visual protection

more privacy in your own home



### Protection against severe weather

protects the windows against hail and storm damage



### Stability

non-corroding, double-walled aluminium profiles



### Facade design

large choice of different profiles and colours

A close-up photograph of a window. The top portion shows horizontal blinds with light-colored slats. Below the blinds, vertical shutters are visible, consisting of several vertical panels. The background is a bright, slightly overexposed wall. The text 'SECURITY SHUTTERS' is overlaid in the upper right quadrant in a bold, dark blue font.

# **SECURITY SHUTTERS**

## INCREASED PROTECTION

FOR NEW BUILDINGS AND REFURBISHMENT

The roller shutter curtain particularly robust out of hard foam profiles in connection with the reinforced security final slat increases the resistivity. The extruded security covers reinforce additionally the guide rails and provide for extra burglar resistance.



### Burglar resistance

increased protection by concealed fixations, reinforced final slat and additional guide rail cover



### Ease of use

motor drive with anti-lift device



### Stability

through the extruded roller shutter box and aluminium profiles with particularly solid hard foam

# JALOUROLL

## EXTERIOR BLINDS AND ROLLER SHUTTERS

NEW OPTIONS FOR VISUAL AND SUN PROTECTION

JalouRoll is the new definition of the roller shutter. The combination of exterior blind and roller shutter opens absolutely new possibilities.

JalouRoll protects from direct insolation and is transparent towards the outward. The large openings for light and air let a lot of indirect daylight to the inside and facilitate at the same time good circulation of air.



### Sun protection

protects from direct insolation and is transparent to the outside



### Indoor climate

the large openings for light and air let a lot of indirect daylight to the inside and facilitate a good circulation of air



### Insect repelling systems

available also with integrated insect repelling gauze

# S\_ONRO®

## TRANSPARENT AND ROBUST

MODERN, WELL DESIGNED VISUAL PROTECTION

S\_onro®, the perfect symbiosis out of roller shutter and sun protection. Modern, well designed visual protection and transparent at the same time.

From 20° position of the sun, there is no direct insolation into the room whereas the vision to the outside is not impaired. The luminance inside the room can be regulated by closing the curtain towards dim-out.



### Visual protection

modern, clearly designed visual protection and transparent at the same time



### Insect repelling system

to be integrated in all roller shutter boxes, keeps out pesky critters



### Sun protection

from 20° position of the sun, there is no direct insolation into the room



## **SUN PROTECTION MODERN AND FLEXIBLE**

MATCHES LIGHT AND SHADOW

Dazzle-free daylight to be adapted individually,  
almost infinitely variable to your liking.  
The reflexion of the sunlight generates a pleasant  
indoor climate.  
Visual protection for more privacy with adjustable  
transparency towards the outside.



# **BUILT-ON EXTERIOR BLINDS**



# LIGHT REGULATION

VARIABLE VISION AND SUN PROTECTION

Modern sun protection esthetically integrated into the facade design blazing at the same time the living space with cosy light.

The light incidence can be regulated and adapted flexibly for your liking. ALUKON built-on exterior blinds can be equipped with integrated insect repelling system on demand.



### Visual protection

more privacy and pleasant lighting conditions



### Facade design

flat or crimped aluminium slats in a large variety of colours



### Sun protection

flexible shadowing and individual regulation of light incidence



### Insect repelling systems

to be integrated in all exterior blind boxes



# **ZIPTEX**

## **TEXTILE SUN PROTECTION**



## DESIGN AND FUNCTION

MORE THAN 250 CLOTHS

Whether new building or refurbishment – with ZipTex you will get a modern, versatile design for sun protection.

The textile curtains create a special atmosphere of the room allowing at the same time transparency to the outside. The variety of cloths and the installation options provide for different possibilities to match light and colour.



### Visual protection

more privacy in your own home



### Sun protection

pleasant indoor climate in particular on hot summer days



### Anti-glare

transparent fabric for an anti-glare room atmosphere



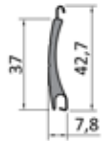

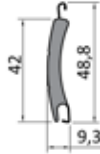

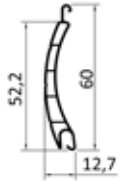
### For large surfaces

up to 18 m<sup>2</sup> and a max. width of 600 cm

# ABSTRACT

## ROLLER SHUTTER PROFILES AND EXTERIOR BLIND SLATS

### Built-on roller shutters

Profile	M 317 foamed aluminium profile	KM 317 PVC roller shutter profile	MY 442 foamed aluminium profile	M 521 foamed aluminium profile	KM 521 PVC roller shutter profile
					
<b>Technical data</b>					
Profile blind surface	37,0 mm	37,0 mm	42,0 mm	52,2 mm	52,2 mm
Weight (./ final slat):	2,80 kg/m <sup>2</sup>	3,00 kg/m <sup>2</sup>	2,85 kg/m <sup>2</sup>	3,10 kg/m <sup>2</sup>	3,60 kg/m <sup>2</sup>
Max. width	290 cm	200 cm	400 cm	380 cm	280 cm
Max. surface	6,5 m <sup>2</sup>	3,0 m <sup>2</sup>	8,5 m <sup>2</sup>	8,5 m <sup>2</sup>	4,6 m <sup>2</sup>
<b>Profile colours</b>					
	white	white	white*	white	white
	santiago grey	santiago grey	white 9016	santiago grey	santiago grey
	grey*	grey	grey*	grey	grey
	light beige*	light beige	light beige*	light beige	light beige
	light ivory*	light ivory	light ivory*	light ivory	light ivory
	cream white*	wooden colour	cream white*	cream white	wooden colour
	velvet grey		sand beige	velvet grey	
	light grey*		light grey*	light grey	
	natural*		natural*	natural	
	grey aluminium		grey aluminium	grey aluminium	
	DB 703		DB 703	DB 703	
	metallic black		metallic black	charcoal	
	charcoal		basalt grey	moss green	
	steel blue		charcoal	oak	
	moss green		quartz grey	teak	
	fir		umbra grey	velvet brown	
	purple red		deep black	jamaican brown	
	dark beige		steel blue		
	oak		moss green		
	golden oak		fir green		
	teak		purple red		
	velvet brown		irish oak		
	bronze		golden oak		
			teak		
			walnut		
			mahogany		
			velvet brown*		
			jamaican brown		

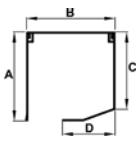
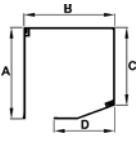
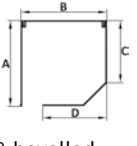
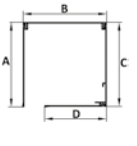
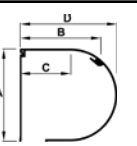
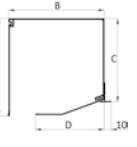
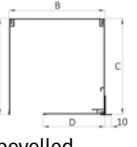
\* available for security shutters with hard foam

**Built-on exterior blinds**

slats	F 80 Flat slats	C 80 flanged slats	CV 80 flanged slats	Z 80 Z-shaped, flanged slats	LS 80 Light guiding slats
<b>Technical data for external venetian blinds</b>					
max. width	360 cm	-	360 cm	360 cm	360 cm
max. height	366 cm	-	225 cm	200 cm	215 cm
<b>Slat colours</b>					
	RAL 7016 anthracite grey				
	RAL 7021 black grey				
	RAL 7035 light grey				
	RAL 7038 agate grey				
	RAL 8019 grey-brown				
	RAL 9001 cream white				
	RAL 9006 white aluminium				
	RAL 9007 grey aluminium				
	RAL 9016 traffic white				
	DB 703 iron-mica				



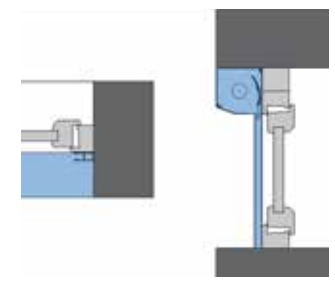
**Extruded built-on and plastered boxes**

Form of box	Size of box	Dimensions of box in mm				Available box colours					
		A	B	C	D	Standard colours					RAL (surcharge)
						white-9016 m. (standard)	white SF*	silver anod.	brown SF*	ALUKON RAL colour range	
<b>Built-on boxes</b>											
 20° bevelled access in front	100	102	102	88	60	•	•	•	•	•	•
	125	127	127	108	85	•	•	•	•	•	•
	138	139	139	117	99	••	••	••	••	••	••
	150	153	153	129	111	••	••	••	••	••	••
	165	168	168	145	125	••	••	••	••	••	••
	180	184	184	156	141	••	••	••	••	••	••
	205	210	210	179	170	••	••	••	••	••	••
 20° bevelled access at the bottom	125	127	127	108	85	•	•	•	•	•	•
	138	139	139	117	99	••	••	••	••	••	••
	150	153	153	129	112	••	••	••	••	••	••
	165	168	168	145	126	••	••	••	••	••	••
	180	184	184	156	144	••	••	••	••	••	••
 45° bevelled	138	139	139	103	99	••	••	••	••	••	••
	150	153	153	112	114	••	••	••	••	••	••
	165	169	169	121	125	••	••	••	••	••	••
	180	184	184	133	140	••	••	••	••	••	••
 90° rectangular	138	139	139	139	90					••	••
	150	153	153	153	112					••	••
	165	168	168	168	127					••	••
	180	184	184	184	139					••	••
 round	138	141	123	78	148	••	••	••	••	••	••
	150	152	133	84	160	••	••	••	••	••	••
	165	169	146	92	176	••	••	••	••	••	••
	180	183	158	99	191	••	••	••	••	••	••
	205	210	183	113	219	••	••	••	••	••	••
<b>Plastered boxes</b>											
 20° bevelled	125	127	127	111	85	•	•	•	•	•	•
	138	139	139	120	99	••	••	••	••	••	••
	150	153	153	132	112	••	••	••	••	••	••
	165	168	168	148	129	••	••	••	••	••	••
	180	184	184	159	144	••	••	••	••	••	••
 90° bevelled	138	139	139	139	90					••	••
	150	153	153	153	112					••	••
	165	168	168	168	127					••	••
	180	184	184	184	139					••	••
	205	209	209	209	168					••	••

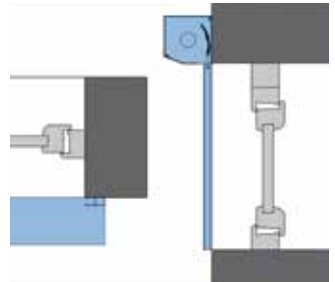
\* These colours do not correspond to a RAL shade.  
 • available colours for boxes without insect repelling system  
 • Available colours for boxes with insect repelling system

**Types of installation**

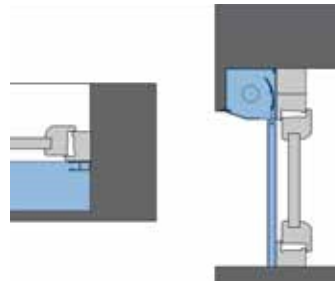
**Variations**



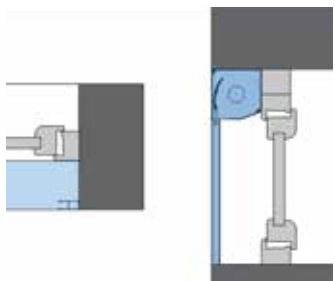
Left roller – installation in the lintel



Left roller – installation on the facade



Left roller – installation as plastered roller shutter



Right roller – installation in the lintel

# ALUKON COLOUR VARIETY

FOR ALL POWDER COATED ALUMINIUM PRODUCTS

## ALUKON RAL colour range

brillant, matt or structured coating













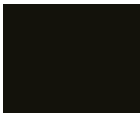
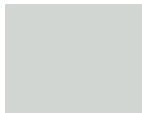









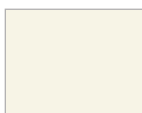
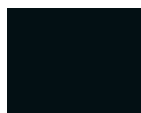



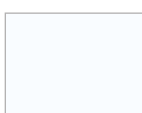
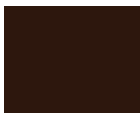

All other RAL colours, roll formed boxes, assembled components with roll formed boxes in RAL as well as extruded roller shutter profiles and curtains are excluded from this special colour range. For the corresponding prices and extra charges please refer to our catalogue or our price list for assembled components.

**ALUKON standard colours**  
see price list for detailed information

**ALUKON RAL colour range**  
brillant, matt or structured coating

**RAL Classic colour range K7**  
brilliant surface

**Special colours and supplier related colour shades**  
subject to availability

 RAL 1015 light ivory	 RAL 3004* purple red	 RAL 3005 wine red	 RAL 5011 steel blue	 RAL 6005* moss green
 RAL 6009* fir green	 RAL 7001 silver grey	 RAL 7004* signal grey	 RAL 7012* basalt grey	 RAL 7015 slate grey
 RAL 7016* charcoal	 RAL 7021 black grey	 RAL 7022 umbra grey	 RAL 7035* light grey	 RAL 7037 dusty grey
 RAL 7038 agate grey	 RAL 7039 black grey	 RAL 8001* ochre brown	 RAL 8003* clay brown	 RAL 8007 fawn brown
 RAL 8017* chocolate brown	 RAL 8019* grey brown	 RAL 8022 black brown	 RAL 9001 cream white	 RAL 9005 jet black
 RAL 9006 white aluminium	 RAL 9007 grey aluminium	 RAL 9010 pure white	 RAL 9016 traffic white	
 6768* brown matt and structured	 DB 703 iron mica matt and structured	* = highly weather proof coating for matt surfaces		

## Surface types

All aluminium surfaces are durable, easy to clean and suitable for façades, with excellent weather 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.

Our variety of products and colours holds the most suitable ready for your liking amongst a lot of supplementary equipments. Individual integrated solutions are from one 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](http://WWW.ALUKON.COM)**

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

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