

Renovating/Constructing/Retrofitting

Aluminium front-mounted ready-made roller shutters



Renovation or construction project? Get the best for both worlds!



Your home should be something very special. In particular, energy efficient. Of the highest quality and safe, as well as extremely beautiful. Roller shutters are probably not the first thing that springs to mind, but choosing the right ones can often be very confusing. If you know what you want, it is relatively easy to find and pick the ones that suit you best. You have individual requirements. We have various solutions to meet them. You set the priorities – we set about making your dream come true.

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Retrofitting or looking ahead?
Both – with aluminium front-mounted
ready-made roller shutters!





What roller shutters offer

Irrespective of whether you are constructing a new building or modifying an existing one – your home should be perfect. You know what it should look like, that it should last for years to come and how much it should cost. But do you also know how important the shutters installed in front of your windows are? We show you how roller shutters improve your standard of living and which solution is best suited to you.

Front-mounted ready-made roller shutters are suitable for all refurbishment, renovation and modernisation projects. They are installed directly in front of the window in the window reveal or mounted on the façade. However, front-mounted ready-made roller shutters are also the best choice if you want to give the façade of a new-build a distinctive, exclusive look. And they are also a no-brainer from a technical standpoint.

They are durable and weather resistant, provide increased protection against intruders and meet thermal insulation requirements both in the winter and the summer – without acoustic or thermal bridges. We invite you to discover the further details and advantages of our Alulux solutions.

Alulux roller shutters provide you with added value

- Sun protection – for your furniture and fabrics
- Visual protection – for your privacy
- Weather protection – for your windows
- Cold protection – for up to 45% more thermal insulation
- Noise protection – for reducing interior noise levels by up to 10 decibels
- Burglary protection – for peace of mind and your safety and security
- High quality finish – for efficient operation and ease of maintenance
- Sustainable – thanks to durable materials and effective use of resources
- Insect protection (optional) – for relaxing moments



Varimaxx®

Varimaxx front-mounted ready-made roller shutters:

Reduced energy consumption – more safety, security and comfort.

Why do without greater protection when a sustainable front-mounted roller shutter system offers you everything you could want. The linear design of the **Varimaxx front-mounted roller shutter box** is the perfect solution for every home. Even the angle format and the transition to the façade can be varied. The quality of the technical workmanship and the best thermal and sound insulation values are guaranteed.

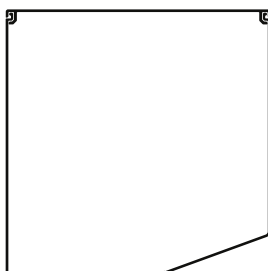
Universal and individual? It's all about the box

When installed in the reveal, you can choose the installation depth – either flush with the façade or protruding slightly to accentuate the appearance. It can also be mounted on brickwork, and is a real alternative when appearances matter. Whichever method you choose, you will always benefit from the visual protection for your privacy and enjoy the sun and weather protection for indoors and outdoors.

Maximum reliability and versatility:

The aluminium box is both durable and safe. The three box shapes with 20°, 90° or 45° angle format provide you with the perfect solution for every installation situation.

Cross section example of a roller shutter box



Varimaxx SG 20°
Possible box sizes in mm:
100, 125, 137, 150, 165, 180, 205

And if you fancy a version with high-quality ARTEC external Venetian blinds or modern

SolidScreen, just have a word with your local authorised Alulux retailer.

Facts at a glance:

Varimaxx allows homeowners and tradesmen to make a clear statement regarding design and technology – ideal for every style of building.

- Fully enclosed aluminium box
- Available with 20°, 90° or 45° angle format
- Minimum space required, easy maintenance, accessible inspection panel
- Operation: Comfort motor drive, radio-controlled motor, crank gear or standard belt mechanism
- Special equipment: 2-in-1 insect screen, fixed shaft connector
- Alternatively with Venetian blind or SolidScreen curtain

Available box types



Available with 20°, 90° or 45° angle format

Possible curtain variants



Roller shutter Venetian blind Screen



Formado®

Formado front-mounted ready-made roller shutters:

Giving façades a distinctive look? A well-rounded solution!

The half-round **Formado front-mounted roller shutter box** allows homeowners and tradesmen to stamp their own design on a façade. Installation of the roller shutter box provides you with the freedom to achieve the look you want: When mounted on the brickwork, the entire box is visible, while installation in the reveal gives the façade an interesting look – based on the installation depth.

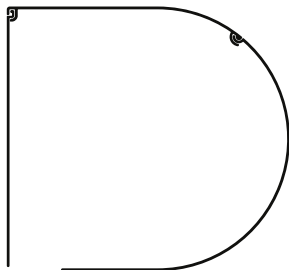
Rounded architecture

The harmonious round shape turns the Formado front-mounted system into a real eye-catcher. Despite its visual lightness, the robust system is a real winner due to its practical nature and increased burglary protection. Furthermore, Formado guarantees high-quality workmanship and numerous equipment options to meet your individual comfort requirements.

Extended advantages

When combined with a top-quality aluminium curtain, you benefit from unprecedented protection. Visual, sun and weather protection for indoors and outdoors. Improve your standard of living with up to 45% more thermal insulation and increased protection from noise and insects.

Cross section example of a roller shutter box



Formado SGF
Possible box sizes in mm:
125, 137, 150, 165, 180, 205

And if you fancy a version with high-quality ARTEC external Venetian blinds or modern SolidScreen, just have a word with your local authorised Alulux retailer.

Facts at a glance:

Formado is the flexible front-mounted system for homeowners and tradesmen who want to create visual highlights on the façade.

- Fully enclosed, round aluminium box
- Installation in the reveal or mounted on the brickwork
- Easily accessible inspection panel
- Concealed lock
- Minimum space required, easy maintenance
- Special equipment: 2-in-1 insect screen, fixed shaft connector, round cover for guide channel
- Alternatively with Venetian blind or SolidScreen curtain

Available box types



Round aluminium box

Possible curtain variants



Roller shutter Venetian blind Screen



Partico®

Partico front-mounted ready-made roller shutters:

Quarter round! And double the joy.

The **Partico front-mounted roller shutter box** forms a quarter circle to the front with a 75° curvature. Along with the square rear, it is usually installed fully in the reveal. That's the theoretical part.

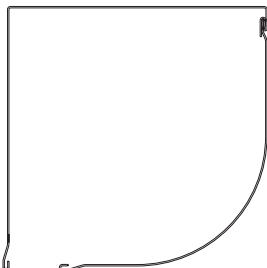
Accentuated window lintel

In the real world, Partico creates a harmonious transition between the façade and the window. Due to the restrained design the window lintel appears less static and angular. The overall result is a sight to behold. The façade boasts a cohesive overall character, while the roller shutters act as a stylistic feature. And in one of the many available colours, they become a real eye-catcher.

Comfort guaranteed

The Partico system offers all the advantages of front-mounted ready-made roller shutters: The cold protection improves the thermal insulation by up to 45%. The sun and weather protection offers long-term benefits for valuable items both inside and outside your home. An increased level of protection from prying eyes and annoying noise is additionally integrated.

Cross section example of a roller shutter box



Partico RV
Possible box sizes in mm:
137, 150, 165, 180, 205

Facts at a glance:

Partico is the individual front-mounted system for homeowners and tradesmen who want to combine form and function in a visually appealing way.

- Quarter-round aluminium box
- Enables easy access for maintenance
- Harmonious appearance through installation in the reveal beneath the lintel
- Burglary protection – for peace of mind and your safety and security

Available box types



Quadrant with 75° curvature

Possible curtain variant



Roller shutter



Punext®

Punext front-mounted ready-made roller shutters:

The best insulation values are tangible. And invisible.

The **Punext roller shutter system** combines the best of two product groups: The excellent, energy and temperature insulation values of a front-mounted ready-made roller shutter and the unpretentious visual appeal of a ready-made lintel box roller shutter. It is not wizardry but applied building physics.

The values are remarkable

The secret lies in the installation beneath the rendered surface or behind the façade. This ensures the box is practically invisible. And due to the joint-free installation there are no thermal, cold or acoustic bridges between the inside and outside.

Punext can also be combined with high-quality ARTec external Venetian blinds or modern SolidScreen – contact your local authorised Alulux retailer for more information.

New-build energy efficiency

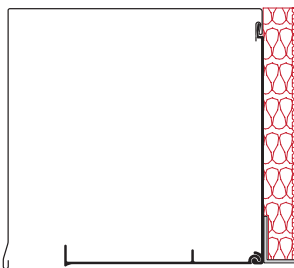
While conventional front-mounted ready-made roller shutters are generally used for refurbishing and renovating buildings, the flush-mounted system is also specifically suitable for new-builds. Especially when you want to ensure the long-term protection of your property and valuable items from sunlight, weather exposure and intruders. Moreover, you enjoy visual protection

Facts at a glance:

Punext is the clever system solution for homeowners and tradesmen who need to accommodate high energy-saving and visual demands.

- Exceptional look thanks to the invisible roller shutter box
- Installation beneath the rendered surface without thermal bridges improves energy efficiency and indoor temperatures
- Integrated inspection panels for easy maintenance from the exterior
- Punext-PLUS variant: Increased energy efficiency due to insulation on the rear of the box and insulated guide channels
- Sustainability – thanks to durable materials and effective use of resources

Cross section example of a roller shutter box



Punext PSG 90° with Neopor plaster support
Possible box sizes in mm:
125, 137, 150, 165, 180, 205

Available box types



Available with 90° or 20° angle format

Possible curtain variants



Roller shutter Venetian blind Screen



Qomcompact security roller shutters

How can you protect yourself better from burglars and the elements? Safely and securely!

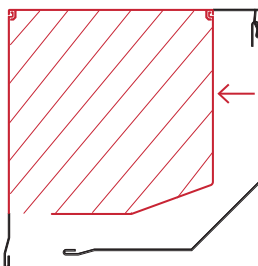
Aluminium front-mounted ready-made roller shutters already deliver increased burglary protection. However, there are special areas of application which require even more safety and security. To guarantee enhanced protection for your entire home or also just the critical locations, such as access points and patio and basement doors, both indoors and outdoors, we have developed **Qomcompact security roller shutters**. Help to crack down on the rising number of burglaries, vandalism and freak weather conditions!

Conspicuously inconspicuous:

The entire system, consisting of extruded aluminium roller shutter profiles, security guide channels and security side lockings, makes it almost impossible to force open or lever out the curtain. The roller shutter box is roughly 25% smaller than standard solutions. This is possible due to the geometry of the extremely robust and very tight winding aluminium profiles. Thanks to its smaller dimensions, Qomcompact provides an elegant solution for private and commercial buildings.

25% smaller roller shutter box

The extruded aluminium Q profiles can be wound tighter than standard profiles. This has allowed us to design a roller shutter box with an element height 250 cm that is 25% smaller than usual.



Individually variable

Alulux Qomcompact security roller shutters are available in three standard colours, but can also be ordered in a façade-matching colour. Furthermore, you can choose between enclosed roller shutter profiles, punched screen profiles and three box versions.

Facts at a glance:

Qomcompact security roller shutters provide homeowners and tradesmen with a discreet yet reliable solution to meet extensive safety and security requirements.

- Small roller shutter box measuring 16.5 cm for 2.5 m element height
- Fitted with a motor as standard
- Impact resistant, shock proof, storm tested
- Secured by a motor brake against being forced open
- Secured with Q-XL security side locking

Available box types



Possible curtain variants



Roller shutter



Qomcompact premium surface

The Qomcompact curtain is generally supplied with a high-quality surface. The premium surface, powder-coated to GSB regulations, is highly abrasion resistant, scratch resistant and offers the best weather protection.

Aluminium. And it is well worth the little extra.

When dealing with aluminium, we really are in our element at Alulux. And start to enthuse:

There are not that many materials that offer so many advantages. Especially for the pro-

duction of high-quality roller shutters, Venetian blinds and screen systems.

Awesome effect

Aluminium is above all else: Safe! So you can be sure of the fact that it will withstand the wind and the elements for a very long time. Our aluminium products remain free from distortion and damage – even when it gets very hot. Further, aluminium roller shutters offer much greater burglary protection than PVC ones.

Real values

You will love aluminium, as it achieves the very best values when integrated in our solutions. We love aluminium, as it can be machined to the highest standards and retains its outstanding surface quality for many years. Thanks to the two layers of coil coating paint, our roller shutters never have to be repainted.

Facts at a glance:

Aluminium roller shutters offer significant advantages compared to other materials:

- Lightweight yet robust with much greater burglary protection
- Weather resistant for many years, colour-fast and low maintenance
- Reduced noise levels
- Silent running and distortion resistant thanks to environmentally-friendly foam core
- Shaped grooves for improved stability and appearance
- Environmentally-friendly foam core



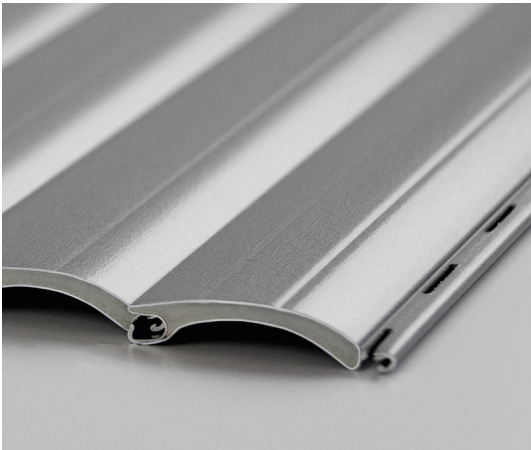
There are many good reasons why aluminium is the best choice



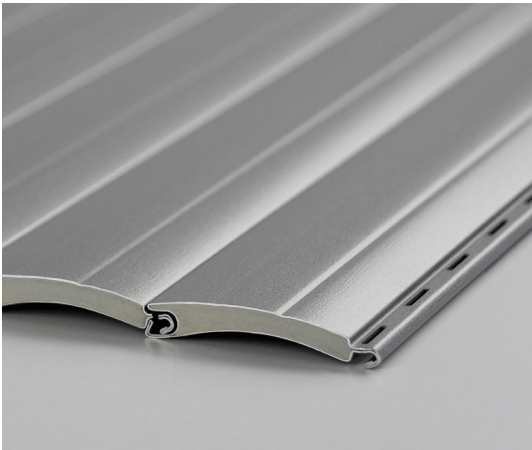
Comparison of aluminium and PVC roller shutters

	Aluminium roller shutters	PVC roller shutters
Stability	● ● ●	● ●
Heat resistance	● ● ●	● ●
Sizes and widths	● ● ●	● ●
Burglary protection	● ● ●	● ●
Colour fastness	● ● ●	● ●
Durability	● ● ●	● ●
Energy saving	● ● ●	● ● ●
Noise protection	● ● ●	● ● ●

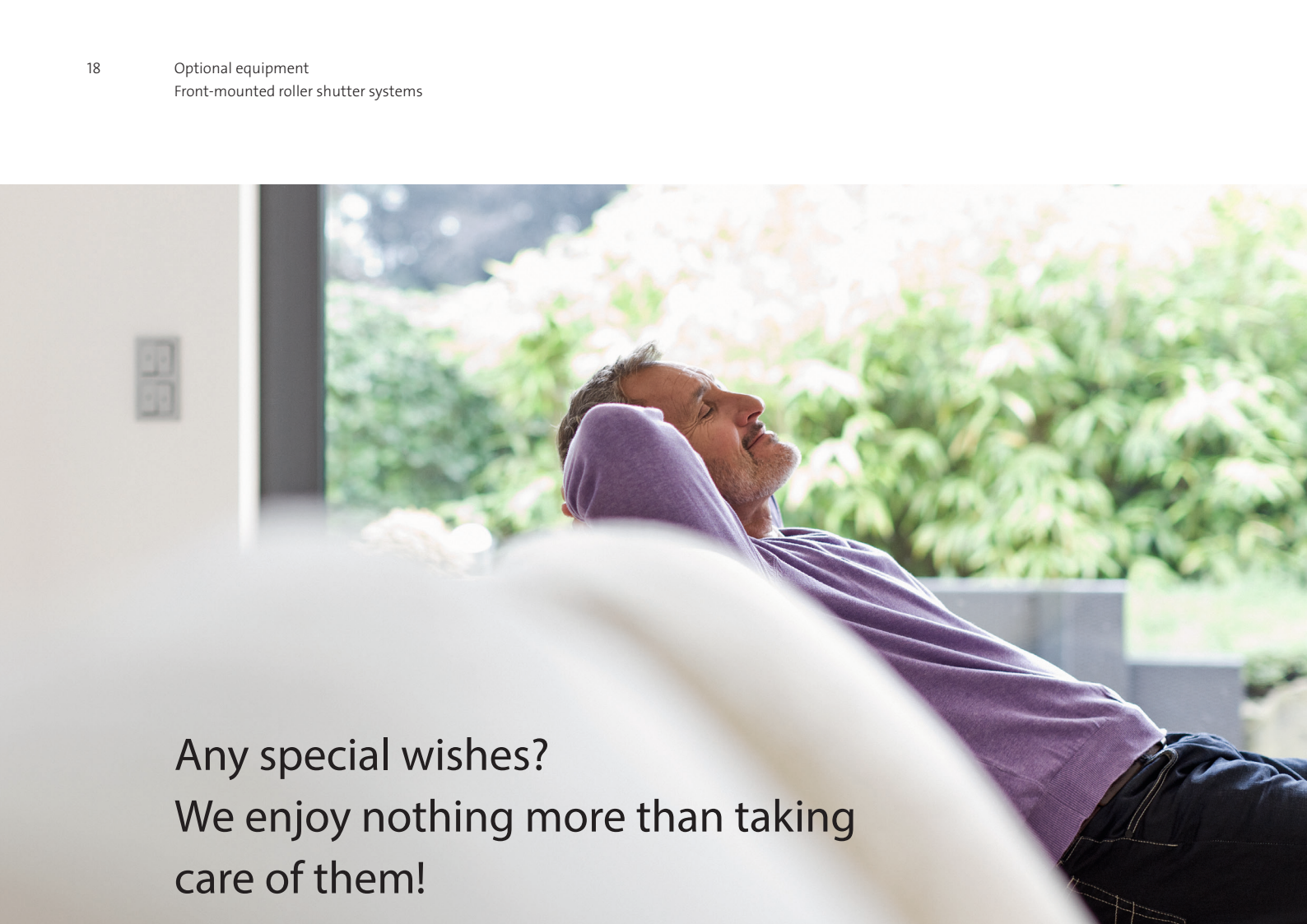
Discover more about the amazing properties of aluminium
at: alulux.de/aluminium



CD 135 aluminium slat



CD 137 aluminium slat



Any special wishes? We enjoy nothing more than taking care of them!

It goes without saying that our front-mounted roller shutter systems meet the highest safety, comfort and quality requirements when they leave our factory. But every standard solution can obviously be optimised. Our **additional equipment** helps us take care of your special wishes. Peace of mind is included in the price.



The fixed connector:

If you decide to use motor-operated roller shutters, they come as standard with fixed shaft connectors.

The roller shutter is therefore prevented from being forced open by excessive pressure of up to >120 kg. The integrated Somfy motor additionally features obstacle detection and anti-freeze protection.



Welded mitre corners:

Even if you have a special architectural design that demands going around corners, you can still enjoy the homogeneous look of aluminium roller shutters.

In this case, we use handmade mitre corners to adapt our solutions to the corner shape. Small extra charge, awesome effect.



The insect screen:

Do you want to stop insects entering your home? Then you require our optionally available insect screen.

Very useful in the summer and invisible in the winter, as the insect screen mesh can be 'parked' inside the roller shutter box.

Fancy cutting energy costs?

Simply install front-mounted ready-made roller shutters!

Rising energy costs in recent years have also led to an increase in general construction standards and individual environmental awareness. Aluminium front-mounted ready-made roller shutters are an effective, sustainable and simple way to make the most of the energy saving opportunities and to boost your feel-good factor.

Somewhere in-between lies the secret

A simple calculation is all it takes to demonstrate the positive effect of aluminium front-mounted ready-made roller shutters: Windows represent roughly 10% of the building envelope. But up to 45% of thermal energy is lost through them. A remedy is provided by the insulating air cushion between windows and the roller shutter curtain.

The key parameter for each trade is the heat transfer coefficient. Depending on the age and condition of the windows, the U-value for windows without roller shutters is between 1.0 (good) and 3.0 (poor). By using aluminium roller shutters, you can improve this value by 30%–45%. And this optimisation really is worth hard cash!











Investment in the future

An investment in aluminium front-mounted ready-made roller shutters is well worth it in the long term and you should see a return within just a few years. Therefore, invest in quality and plan your new-build project energy efficiently. And even if you want to modernise your property, retrofitting with an aluminium roller shutter system is an eco-friendly step into the future – without any thermal bridges.

To be sure the investment is worth your time and money, simply use our online energy saving calculator to determine your approximate annual saving.

Calculate your energy saving potential:
www.spar-heizkosten.de

Energy saving opportunities at windows

House components	Space allocation ¹	Thermal energy loss ²	Annual energy costs ³
Floor plate	 27%	 13.3%	€150–€300
Wall	 32.5%	 25.5%	€320–€640
Window	 10%	 44.4%	€500–€1000
Front door	 0.5%	 2.1%	€25–€50
Roof	 30%	 14.7%	€175–€350

¹The average percentage of exterior building surface (building envelope)

²The average percentage of thermal energy loss through the building envelope

³Estimated annual energy costs, based solely on the energy loss through the building envelope (assumed total = 525 m²); errors and omissions excepted/2012

Smart solutions? Fully automatically!

People enjoy comfort. Today, this demand is met by a growing number of networked home automation solutions. The good news for homeowners and renovators: You can gradually implement your **home automation** with Alulux systems and the right partner – from a motor-operated roller shutter system to networked app control.



io-homecontrol® – pretty darn smart

Renowned brand manufacturers have defined a standard for networked home automation through io-homecontrol®. It is the foundation upon which you can install home automation with minimum outlay and maximum control of costs. Thanks to standardised interfaces and bidirectional wireless technology, you can link various components to a control platform. Be it roller shutters, windows, gates, doors, alarm systems, lighting or HVAC systems.



Somfy – always the right drive

Our partner Somfy is an innovation driver in the home automation sector. Experience in drive technology combined with fit-for-the-future control technology ensures superior solutions. A real trendsetter in the field of roller shutter systems is the ultra-silent radio-controlled motor series RS 100 io. The two-speed, plug & play wireless drive never fails to impress, is easy to install and is compatible with all io technology-based sensor and control products.



Comfort at each level

Technically speaking, everything is possible in modern-day home automation. With a roller shutter system from Alulux and intelligent planning, you are ideally prepared for the future thanks to the highest level of system compatibility. What is decisive, however, is the question of what you want. An authorised Alulux retailer will help you to find the ideal level of comfort to meet your needs!

Level of comfort 1, wired motor

When choosing a motor-operated roller shutter, you will never have to worry about operating it manually using a belt or crank. Simply press the respective button and the wired motor begins to run. Timers as well as wind and sun sensors can be integrated in the wired solution. Features anti-freeze protection and obstacle detection.



Source: Somfy GmbH

Level of comfort 2, io wireless technology

When choosing a bidirectional io radio-controlled motor, you will be able to operate your roller shutters – individually or in groups – time and sensor controlled – comfortably via radio remote control or handset. The flush or surface routing of cables is no longer your concern – and this also applies to the installation of additional wind and sun sensors.



Source: Somfy GmbH

Level of comfort 3, io + home automation

For complete home automation and control via a laptop, tablet or smartphone, there are two io-homecontrol®-based systems available.

- **Connexoon®** is the entry-level package that comes with three control apps in the categories window, patio and access.
- **Tahoma®** combines wireless technology with io technology in a smart home system featuring an intuitive user interface for every device.



Source: Somfy GmbH

Quality guarantees? What you can rely on.

“Our goal is to provide customers with the solution they are looking for – which will give them years of long-lasting, reliable service. When it comes to the quality of our products, we set our standards high.”

With this philosophy in mind, Alulux began manufacturing roller shutters and garage doors in 1960 at a level of quality to meet and exceed the expectations of the market. We have remained true to this principle – while constantly improving quality and variety along the way. Today, the Alulux Group employs roughly 400 people and manufactures at three locations – exclusively in Germany. The cutting-edge engineering expertise for developing intricate and superior systems and the sublime design comes from a single point of contact.

We listen first, and then develop a plan

Our long-lasting products are manufactured individually and tailored to your specific needs and requirements to ensure you receive the best solution for your new-build or refurbishment project. We offer you a wide range of colours and the choice between standard technical solutions, energy intensive standards and significant special equipment. But, above all else, we listen carefully to the market requirements. This is one of the reasons why we are known as an industry trailblazer and the long-term partner of authorised Alulux retailers, suppliers and employees.

Producing quality and guaranteeing benefits

All Alulux roller shutters, including the individual components, are tested and meet the strict European quality criteria of premium manufacturers. Our front-mounted roller shutter systems meet the European standard DIN EN 13659. And only a roller shutter element carrying the CE mark meets all the specified quality standards.

The authorised Alulux retailer

Even the best product is useless if customers do not know how to access or use it. Therefore, rely on the expert advice and technical services provided by authorised Alulux retail partners – like we have been doing successfully for years.



Do you want to discover more? Find further information and advice on Alulux products as well as an interactive configurator at www.alulux.de

Ultra modern. New solutions for light and shade.

ARtec venetian blinds – light control at the push of a button!

ARtec external Venetian blinds allow you to make a statement whilst designing your home. Both indoors and outdoors. The subtle yet robust aluminium slats create architectural features and help to structure your façade. They can be tilted to any angle you wish and allow you to control the amount of natural sunlight you want to enter your home. With ARtec, you have the choice between various slat colours and box shapes – for your individual style.



SolidScreen Zip fabric screens – exquisite designs with a fabric feel

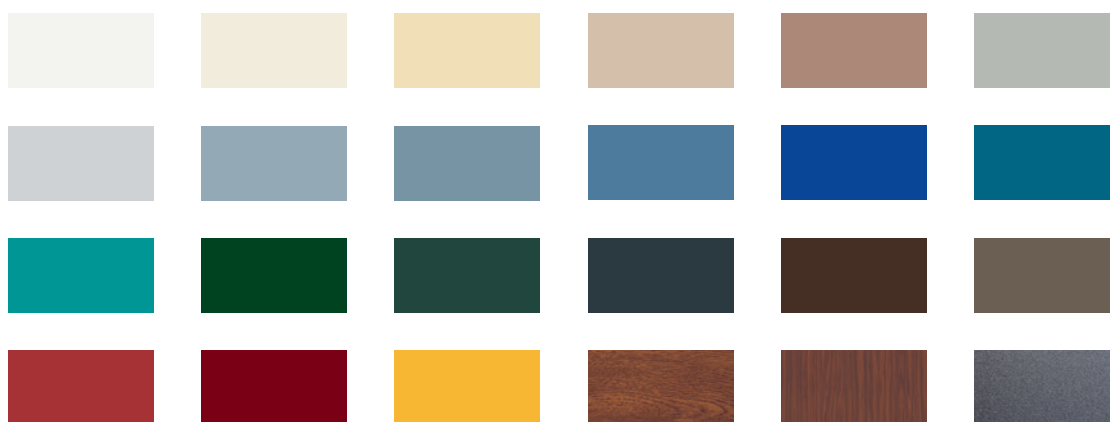
Large glass façades are an important element of modern day architecture. The demand for contemporary sun protection is increasing for both private and commercial properties. SolidScreen® from Alulux is the answer. The Zip fabric screen consists of a translucent fabric and provides your façade with a stylish overall look from within a round or square front-mounted box. SolidScreen® is also relevant in terms of its functional impact by reflecting up to 90% of the sun's rays – also a valuable step in terms of energy saving.



A wide range of colours. Eco-friendly materials.

Here is a **selection of the colours** in which are products are available. Your authorised Alulux retailer will provide you with a full overview of colours and offer you advice and assistance.

Colour chart – aluminium roller shutter profile.

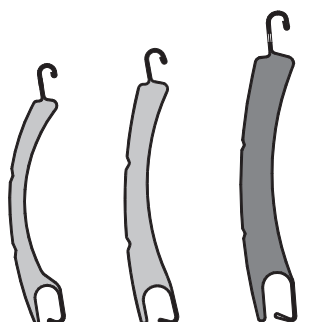


For further information about colour spectres 1, 2, 3 and 4 please scan the QR-code or follow the link:

<https://t1p.de/sdfq>

A lasting contribution to environmental protection is ensured by Alulux **roller shutter profiles** thanks to durable materials, 'Made in Germany' manufacturing techniques that make effective use of resources and an energy-saving insulating effect.

Mini profiles – aluminium

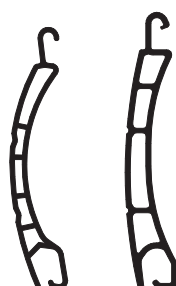


CD 135
9 x 35 mm

CD 137
8.5 x 37 mm

CD 942
9 x 42 mm

Mini profiles – PVC



PVC 35
9 x 35 mm

PVC 37
8.5 x 37 mm

Security profile (profile example)



Compact-Q

The entire range? Guiding you step by step to the right solution.

To find the correct solution to meet all your front-mounted ready-made roller shutter demands, simply use our **online configurator** at: alulux.de/konfigurator

Curtain, material?	Which curtain do you want?	Which box do you want?	This system meets your requirements!	
Aluminium roller shutter	Mini roller shutter-curtain: Slats: CD 135, CD 137, CD 942	<input type="checkbox"/> 20°, <input type="checkbox"/> 45°, <input type="checkbox"/> 90° <input type="checkbox"/> 20°, <input type="checkbox"/> 90° <input type="checkbox"/> Round <input type="checkbox"/> 1/4 round	Varimaxx	Pg. 6
			Punext	Pg. 12
			Formado	Pg. 8
			Partico	Pg. 10
	Security roller shutter curtain: Slats: Qompact-Q, punched, unpunched	<input type="checkbox"/> 20°, <input type="checkbox"/> 90° <input type="checkbox"/> Round	Varimaxx	Pg. 6
			Formado	Pg. 8
PVC roller shutter	Mini roller shutter-curtain: Slats: PVC 35, PVC 37	<input type="checkbox"/> 20°, <input type="checkbox"/> 45°, <input type="checkbox"/> 90° <input type="checkbox"/> Round <input type="checkbox"/> 1/4 round	Varimaxx	Pg. 6
			Formado	Pg. 8
			Partico	Pg. 10

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