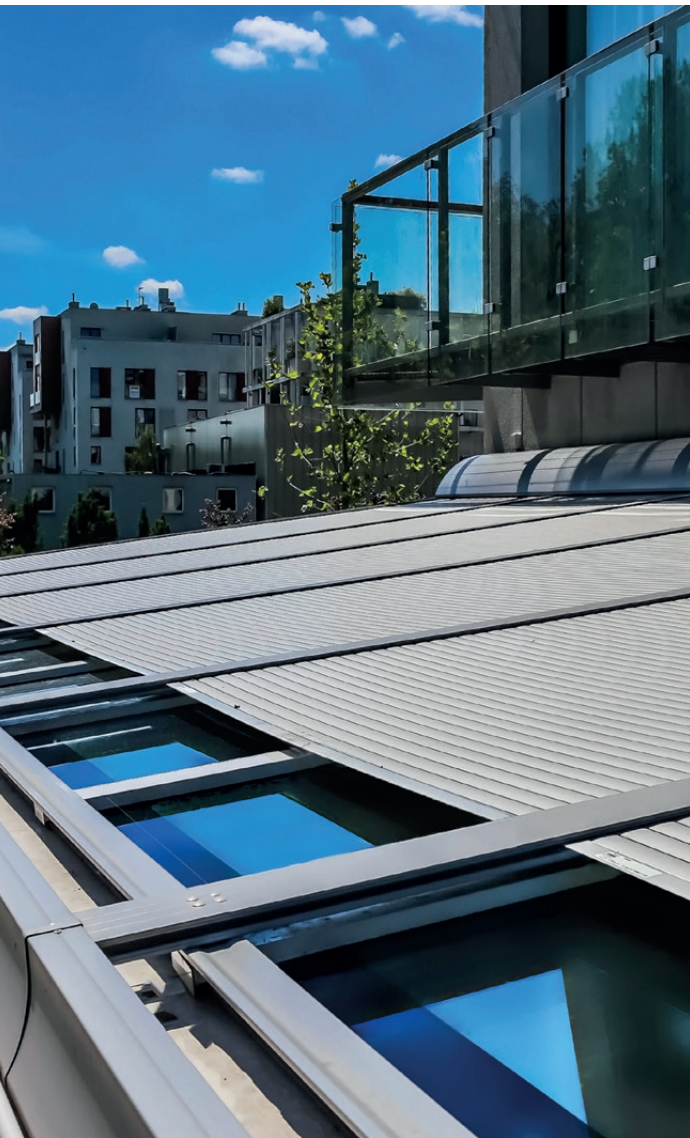




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ROLAX

*Roller shutter system for
verandas and glass roofs*

*id3-range, the single-price solar
shutter per frame, whatever the
size, colour or motorisation of your
solution.*

1 THERMAL COMFORT IN ALL SEASONS

ROLAX regulates the temperature of your veranda in summer and winter, so you can use it all year round.

2 A SINGLE SOLUTION THAT FITS EVERYWHERE

ROLAX is the only roller shutter that can adapt to glass roofs from 0° to 80°. Several ROLAX can be joined together endlessly to cover even the largest dimensions.

3 A SOLAR-POWERED ROLLER SHUTTER

ROLAX is available with solar drive and can therefore be installed on all glass roofs/verandas without any electrical connection.

BUBENDORFF, The roller shutter that lasts 3 times longer⁽¹⁾.

From design to delivery, each Bubendorff shutter is treated with utmost care, allowing us to offer you highest quality and durability, proved by our 30,000 cycles test.

With Bubendorff you choose a high-quality roller shutter tailored to your needs.



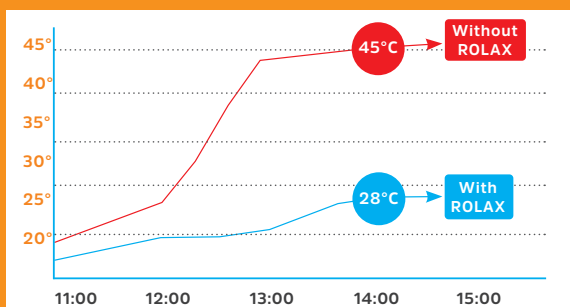
⁽¹⁾ Tested on 30,000 ascents and descents: 3 times longer than the highest requirement of the DIN-EN 13659 standard (10,000 ascents and descents).

ADVANTAGES

■ THERMAL SHIELD FOR YOUR VERANDA OR GLASS ROOF

The roller shutter plays a key role in thermal comfort of your house. ROLAX is no exception: it acts as a protection from sunlight and cold, allowing you to enjoy your veranda all year round.

The aluminium slats with rubber lip ensure frost resistance, so the ROLAX can be used all year round.



Temperature in the veranda throughout the day (summer)



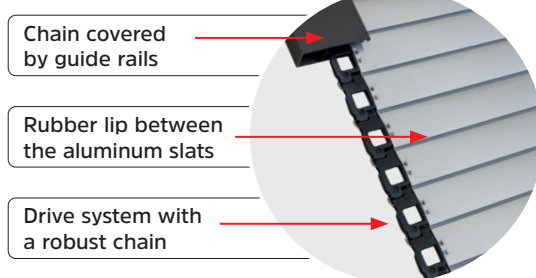
- Shutter closed at night: keeps the warmth inside.
- Shutter open during the day: free heat supply.



- Shutter closed during the day: keeps the freshness inside.



Aluminium slats



■ COLOURS: ROLAX FITS ALL ARCHITECTURES

The extended choice of shades ensures that you will harmonize with any type of architecture or veranda, from modern to classic.

- 1 An aesthetic housing box**
The shape of the box allows to integrate in all architectures, modern and classic.
- 2 High level of finish**
The box is designed to withstand the weather conditions durably. Side panels and an aesthetic framing complete the overall picture.
- 3 Windproofness**
Can be used regardless of wind and rain thanks to all-round protection.



CHOOSE THE COLOUR

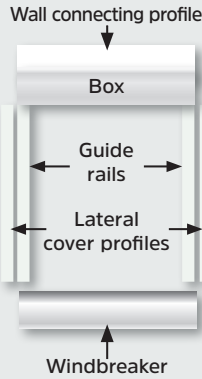
White P E	<u>100</u> (RAL 9016)
Pure White E	<u>101</u> (RAL 9010) only for framing
Aluminium White P E	<u>115</u> Armor in aluminium white Framing in RAL 9006
Anthracite Grey P E	<u>117</u> (RAL 7016)
Oyster White E	<u>225</u> (RAL 1013)
Sepia Brown E	<u>240</u> (RAL 8014)

P = armor colour
E = framing colour

RAL : approximate colour

Die in dieser Farbkarte abgebildeten Farbtöne sind
indikativ. Sie sollen einen allgemeinen Eindruck vermitteln.

Framing



The + of Bubendorff

All Bubendorff aluminum armors offer increased corrosion resistance regardless of colour.

All our powder coated framings are finely structured and classified as "High Durability" (EN ISO 16474-2:2013).

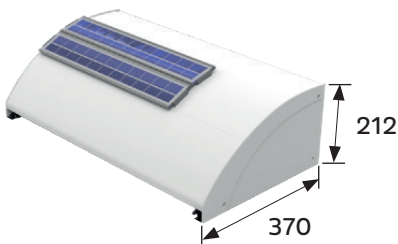


COMPONENTS

■ Box

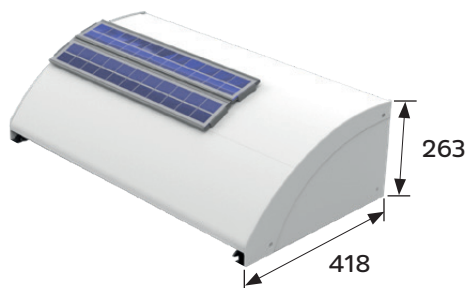
Type **21**

Shutter heights from 1000 to 3500 mm

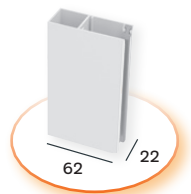


Type **26**

Overall heights from 3501 to 6000 mm

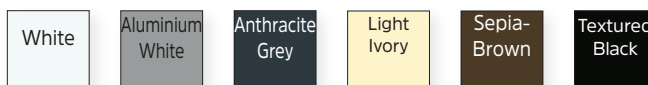


■ Aluminium guide rail



Guide rails delivered in 2 parts for heights over 3500mm

Colours for casing tips, windbreaks, windbreak junctions and box side finishes



CHOOSE THE AUTOMATION

ROLAX iD3 shutters are equipped with solar motors manufactured by Bubendorff in Germany, whose reliability has been proven for more than 10 years.

■ SOLAR MOTOR with intelligent autopilot mode

To optimise thermal comfort and save energy, all Bubendorff solar motors are equipped with an intelligent autopilot mode.

A 100% Bubendorff innovation!



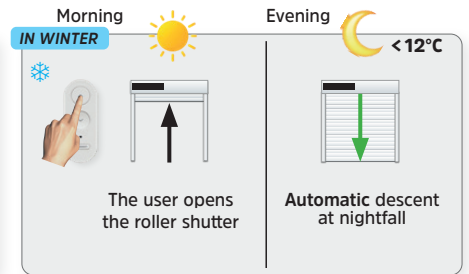
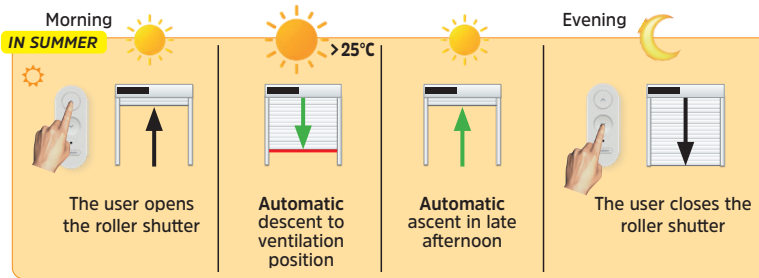
0 Watt consumption and silent operation

Unrivalled autonomy
Works in summer and winter without external charging

Solar motor
Bubendorff



Remote photovoltaic cell available with a 270 cm long cable



■ WIRED RADIO 230V MOTOR



Wired radio 230V motor
Bubendorff



New construction or renovation

Easy connection (2 cables)

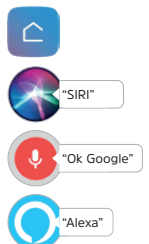
■ Programming of opening and closing times



The 4-channel timer allows you to automatically open and/or close the shutters/iD-Zip at the desired times.

It also allows you to manually control up to 4 groups of 30 shutters/iD-Zip.

■ Control by a complete SMART HOME solution



iDiamant allows you to control Bubendorff up to 30 shutters/iD-Zip via smartphone or tablet (scenario programming, individual or group control).

iDiamant also enables to control your lighting, electrical sockets, thermostats, house ventilation, security cameras...

INSTALLATION

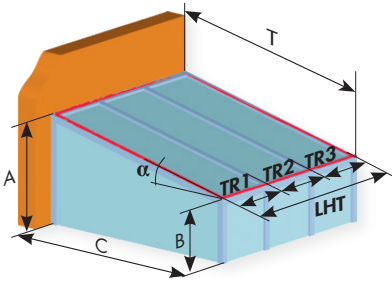
The Bubendorff solar-powered ROLAX is autonomous and without cabling. It is designed to not only allow easy installation, but also to last in extreme conditions such as frost, ice and snow.

No electrical work required

Quick installation without masonry modification

Suitable even for large dimensions

■ Dimensions



TR : frame
T : height
LHT : overall width

Dimensions		
	Min	Max
Height including box Type 21	1000	3500
Height including box Type 26	3501	6000
Slope α in degrees	0°	80°
Number of frames	1	5
Frame width	600*	1800
Overall width	600*	6000

Dimensions in millimeters
*620 for frames with solar motor

■ Slope

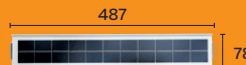
Calculation of the slope: $(A-B)/Cx100$

Slope in %	Slope in degrees	Max. area in m ²
0 bis 14	0 bis 8	30
15 bis 17	9 bis 10	28
18 bis 21	11 bis 12	26
22 bis 24	13 bis 14	24
25 bis 28	15 bis 16	22
29 bis 36	17 bis 20	20
37 bis 40	21 bis 22	18
41 bis 53	23 bis 28	16
54 bis 72	29 bis 36	14
73 bis 103	37 bis 46	12
104 bis 567	47 bis 80	10

■ Can be installed in any situation

In case of very shady installation, two solutions allow to install a ROLAX shutter in all situations.

Remote photovoltaic panel (free option), with 2.7 m cable extension



Wired radio 230V motor for areas with no access to light



BUBENDORFF, the roller shutter at a single price

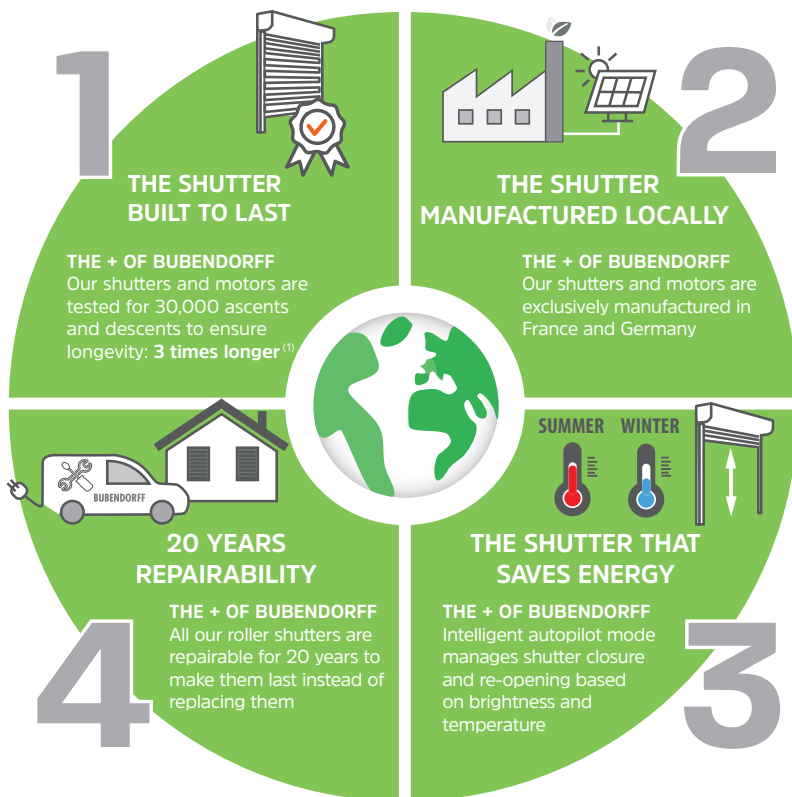
Bubendorff is the first manufacturer to offer you a shutter at a single price:

- Whatever the colour (standard shades)
- Whatever the frame dimensions
- Whatever the motorisation

BUBENDORFF
The roller shutter at
SINGLE PRICE
incl. installation



BUBENDORFF is committed to our planet



Why does the automatically driven Bubendorff roller shutter save heating costs and therefore CO2?

(1) Tested on 30,000 ascents and descents: 3 times longer than the highest requirement of the DIN-EN 13659 standard (10,000 ascents and descents).

Your Bubendorff expert:

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