

AK-Flex 2

New, practical and energy-saving roller shutter system



EXCELLENT THERMAL AND ACOUSTIC PERFORMANCE

The AK-Flex 2 roller shutter guarantees excellent acoustic and thermal properties. Depending on the box and shutter used, values (RW) of up to 46/47 dB and a heat transfer coefficient of up to 0.35 W/m²K can be achieved without any additional measures.

EASY INSTALLATION

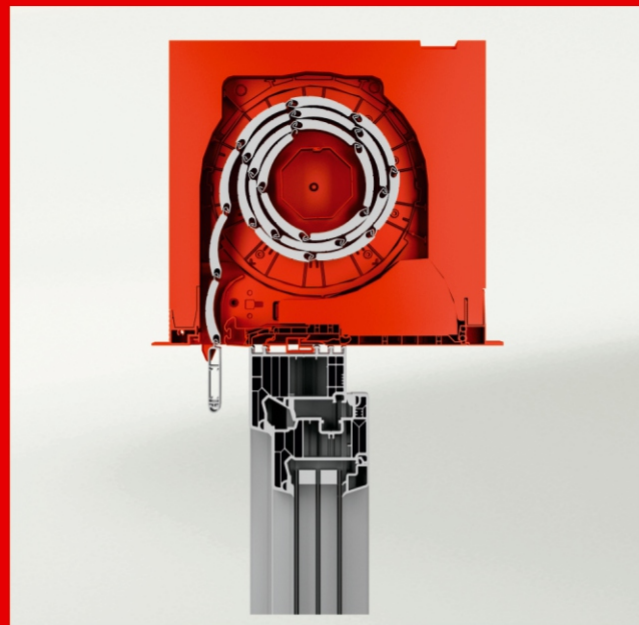
AK-Flex 2 roller shutters are extremely flexible and easy to install. The modular construction allows the use of the same parts such as: sides, bearings, sliders for all variants of boxes. Thanks to this design, the depth and height of the box can be changed at any time. This makes it easy to adapt to different buildings.

PROTECTION AGAINST INSECTS

The Alukon AK-Flex 2 roller shutter also allows for the integration of an insect screen. The net protects against intrusive insects in summer, in winter it is invisible and hides in the box. The insect screen is made of durable, moisture-resistant material in black or grey.

RICH COLOURS

The AK-Flex 2 roller shutter offers a unique palette of standard and woodgrain colours. There is a possibility of powder coating in a colour scheme similar to RAL or structural, which makes it possible to select a colour of the roller shutter according to individual customer requirements. For an even better effect, the guides can be ordered in a version foiled in the Renolit palette.

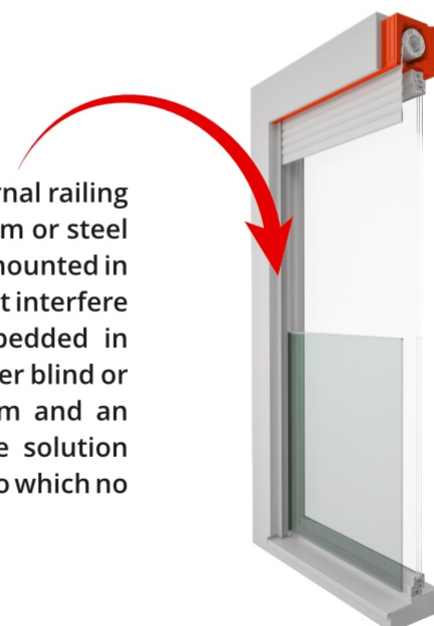


ZIP COVER | PROTECTION AGAINST FALLING OUT



One of the most interesting solutions is the possibility of mounting a ZIP sunshade in the box. This is an innovative solution in which a special fabric protects the interior from the sun's rays and UV radiation while also providing shade. Unlike vertical blinds available on the market, the ZIP sunshade is wind-resistant (wind load class 6 according to DIN 13659) and extremely tight thanks to special side runners with zips. The ZIP solution provides a wide choice of weatherproof fabrics in various colours and shading levels. It is a solution that is ideal wherever there is a need for sun protection while maintaining high aesthetic values.

In the case of low-set windows and balcony doors it is necessary to use an external railing to protect against falling out of the so-called French balcony. Popular aluminium or steel railings are visually unattractive in contrast to the all-glass railing which can be mounted in the Alukon AK-FLEX.2 roller blind guides. It is an aesthetic solution which does not interfere with the existing façade, using 16 mm VSG glass (according to AbP) embedded in a rainproof, multi-part guide between the window and the armouring of the roller blind or shutter. The all-glass railing can have a height of 50 to as much as 110 cm and an installation width of up to 280 cm with filigree glass edge protection. The solution guarantees an easy and quick installation directly behind the fitted box, thanks to which no additional fixing to the façade is necessary.



One box - many possibilities



Clinker variant



Facade blind



Shutter type armoring



ZIP blind



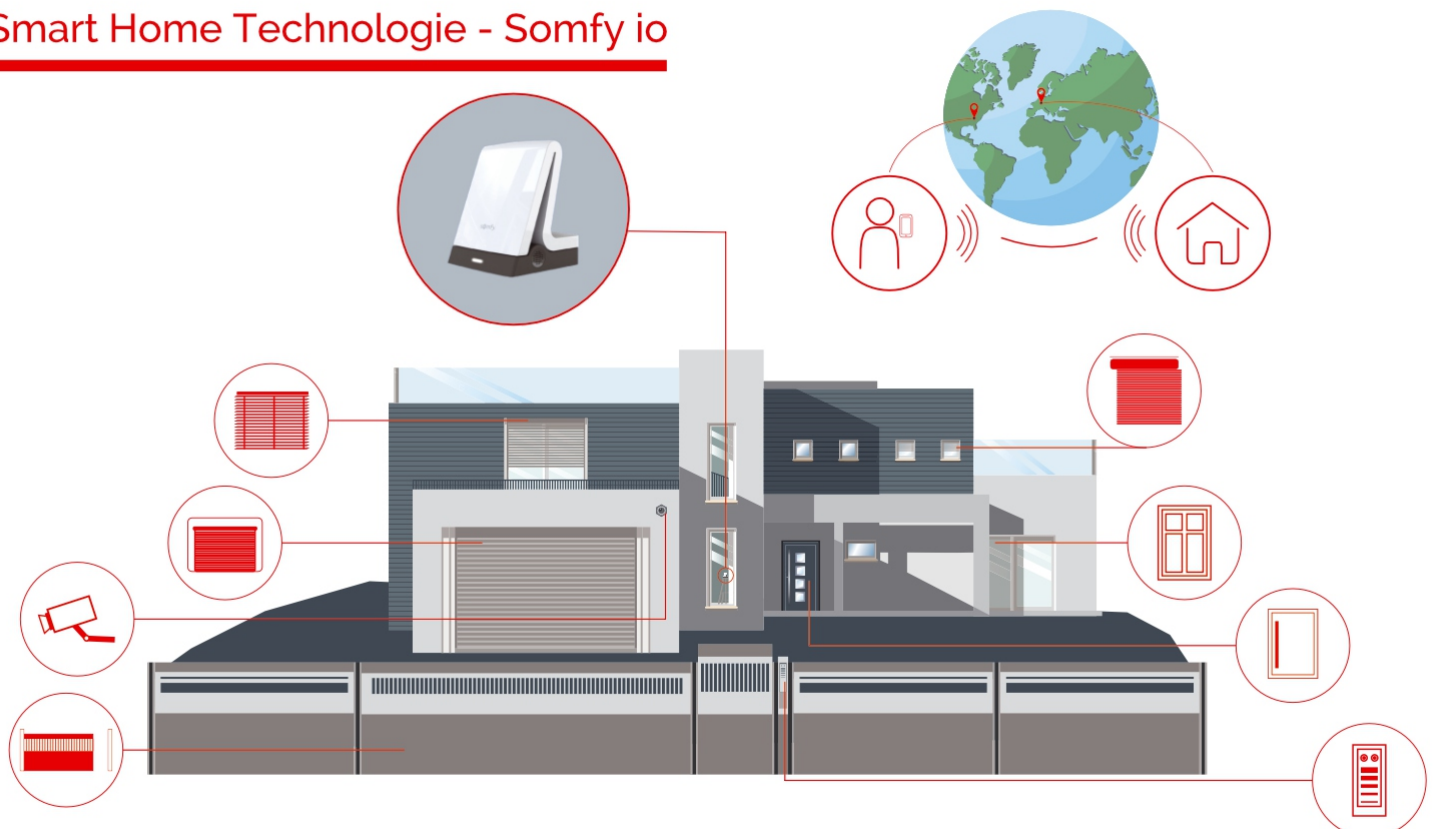
Integrated mosquito net



All-glass barrier



Smart Home Technologie - Somfy io



SELVE

Technik, die bewegt

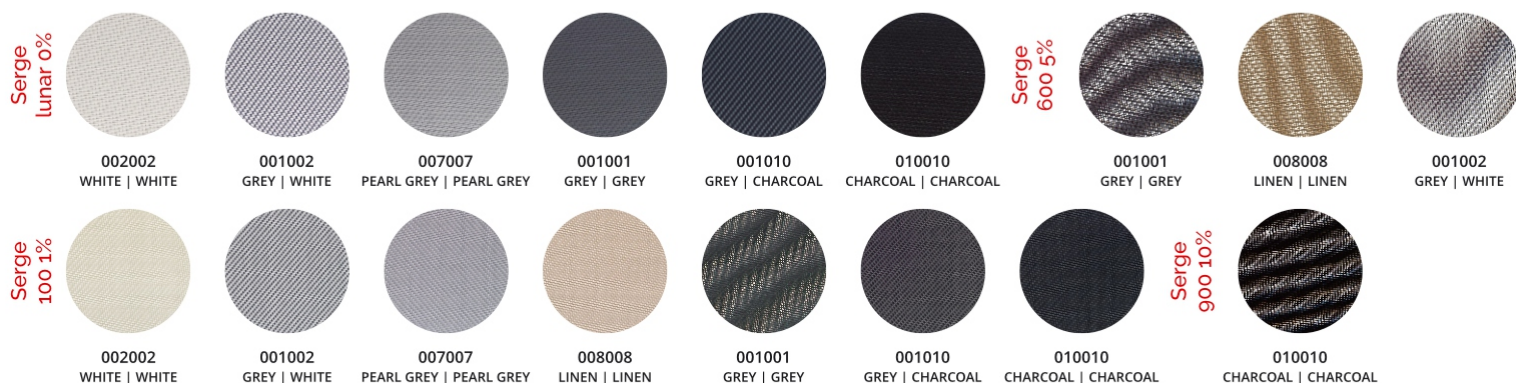
somfy

The Top Mounted AK-Flex 2 roller shutter can be fitted with a radio-controlled motor from SOMFY or SELVE, allowing it to be operated at the touch of a button. Electric motors are also available with the option of detecting any obstacles, time programming, automatic lowering of the roller blind in the event of strong sun or air pressure. The AK-Flex 2 roller shutter with the use of appropriate motors can become a part of the intelligent house system (Smart Home). The Alukon AK-Flex 2 roller shutter is characterised by excellent acoustic insulation properties.

EXAMPLE COLOURS OF GUIDES



SAMPLE ZIP COLOURS



SAMPLE ARMOUR COLOURS



SAMPLE LAMELLA COLOURS



PROFILNET
QUALITÄT OHNE KOMPROMISSE

Business partner

*Standard colours for C-80 flexi. | **Non-standard colours for C-80 flexi.