



Custodia bulletproof by Sunon

Bulletproof shielding

Maximum security blinds with **WK5** certificates

 **sunon**[®]

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Maximum vandal proof security



The bulletproof model is designed to ensure the minimum possible buckling with large widths and great resistance to mechanical perforation, vandalism or inertia owing to severe gusts of wind.

Its arched shape plus the reinforcements in its ribs and its greater Thickness in the joint areas along with its slotting design between slats achieves the maximum dimensional stability with a minimum diameter and space for it to fit in the withdrawal position.

The design of its hook without any lights grooves no aeration and the minimum amount of running space are designed to avoid the entry of any cutting tools or objects and its shapes, slotting between slats, increase the time and effort required by burglars to gain access to force their way in to your home or business.

This version is used a lot because of its resistance t attempted burglaries even if crowbars, saws, axes, drills etc. Are used.

This bulletproof model is designed in such a way that the armoured inner profiles overlap and there are no weak points in the event of shooting.



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EC TECHNICAL DATA SHEET

TECHNICAL REPORT

A roller blind made of extruded aluminium with alloy 6063 t5 in accordance with standard 573-3, comprising 26 slats per linear meter of height for semicurved profiles measuring 39x14x1.30mm with reinforcements at 1.55mm on support ribs. Affixation of mobility of the slats and antilever reinforcement by means of stainless steel caps. Slat joints with the axle by means of metallic selflockers with rapid affixation crowns.

Bss safety system with wk3 certificate. Guides of different types with 15mm inlets and minimum depth of 25mm. 70X1.5mm or 100x3mm axles with adjustable capsules. Tubular mechanical motors or with electronic limit switch with powers to suit the measurements of the hole and adaptable to home automation and an outlet to motion sensors or other elements predefined by sunon technicians or authorised installers.

PROFILES

Exterior. Extruded aluminium with highly resistant alloy 6063 T5. Shape: semicurved 39x14x1.3mm, joined by rack system with reinforced hook and male-female type slot.

Interior. Solid profile made of special armoured alloy with certificate DIN en 1522 fb 2 ns or optional armouring resistance class m4-fb6. Steel rods 6mm calibrated with anti-rusting treatment

GUIDE TYPES

allows various types such as guide 50x30mm- guide 60x28x2mm, standard guide V25 for small holes, depending on widths, works type and resistance required.

MAXIMUM MEASUREMENTS

Maximum manufacturing width 6400 mm and dimensions with maximum measurements of 18 m².

WEIGHT AND AXLE TYPES

weight m2 without rods: 31 kg m², with rods 36 kg m². Minimum axle 70 mm and thickness 1.2 mm. Depending on weights and widths Sunon will make the ideal axle for the load. Fitted with special armour and rods, weight 40 kg m².

NORMAS Y CERTIFICADOS DEL PRODUCTO

Certificado de seguridad WK4 con DIN EN 1522/ 1523 FB NS.

Certificado de seguridad WK5 resistencia impacto de bala clase M4 y FB6 con DIN 52 290 EN 1063.

Ensayo acústico norma EN 20140 valor ssk4 a 40 DB.

MOTOR TYPE

mechanical or electronic tubular motors.

AUTOMATISMS AND SENSORS

Depending on the measurements, location of Sunon thoroughfare areas will require compliance with European security/safety standards as regards the installation of parachutes or sensors. All two-way radio systems by manufacturers like Selve, Somfy, etc. are valid. As regards safety systems, Sunon recommends bus or mixed line systems adaptable to KNX or endowed with an open protocol.

ACCESS AND CONTROL SYSTEMS

the radio systems must always have a revolving code and when they are used two-way transmitters are recommended.

Sunon has systems for increasing the security of your house or premises such as, for example, perimetral motion sensors where, once the system or alarm has been set, if someone accesses the garden or perimeter desired for instance, the blinds come down and lock.

Optionally, electronic closing systems may be offered, being situated on the guide holder profiles or socket profiles depending on the technical installation details.

CASING TYPES

Sunon recommends tunnel casing systems with a lower internal shaft.

We also have casing made from extruded aluminium or profiled with different colours to choose from.

PRODUCT CERTIFICATES AND STANDARDS

WK4 standard DIN EN 1522/1523 FB NS.

WK5 safety certificate, bullet impact resistance class M4 and FB6 with DIN 52 290 EN 1063.

Soundproofing test standard EN 20140 value SSK4 at 40 DB.

WIND RESISTANCE CLASSIFICATION

Type 2 class equivalent to 100 Km/h.

THERMAL RESISTANCE

U: 5.30 W/m² K.

COLOUR FINISHES AND SALTPETRE RESISTANCE

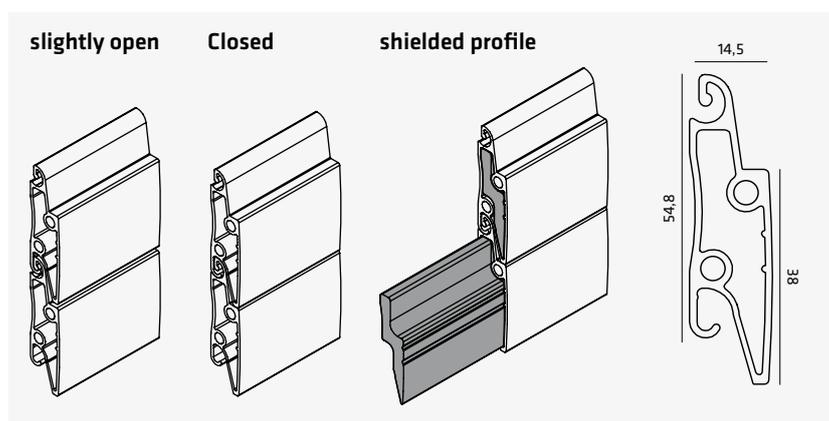
Ral lacquers, Futura series finishes with seals of quality Qualicoat and Ewwa-Euras anodized elements.

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Specialised in your security, with the Custodia Bulletproof model we can achieve a facing which is totally robbery-proof and bulletproof. Its mechanical hardness will also protect us from natural disasters. It has been designed so as not to stand out and it can be combined with other Custodia models, preserving an identical look and appearance.

IDEAL FOR CREATING SHIELDED ROOMS OR AREAS



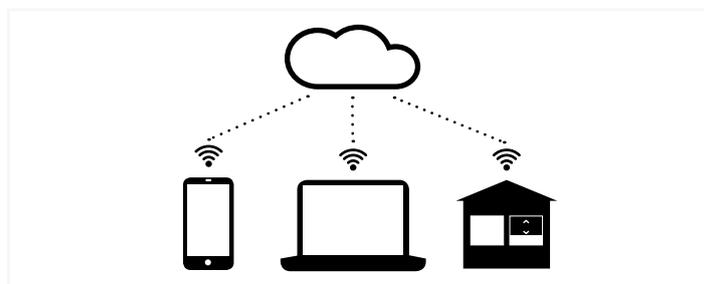
Roller table. 60 mm axle.

LIGHT HEIGHT	LIGHT COVER	
	A	B
125	16,6	18,2
150	17,8	18,6
175	18,8	20,6
200	20,0	20,6
225	21,3	20,6
250	21,3	23,0
275	23,0	24,2
300	23,5	25,2

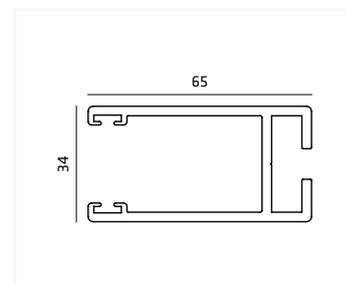
Parachutes



Free control from mobile devices and computers.



Guide



Tips and warnings

Burglars have easily learned how to open self-locking blinds simply by using a metal sheet or plastic paper sheet, placing it in such a way that the small profiles do not pierce the guides.

The combination of different preparations in new works, such as embedded guides, connection of blinds to alarms radar and other details achieve a more efficient unit for the safety of your home and family.

For windows where people pass by, and depending on the weight of the blinds, a parachute system or other safety systems have to be installed.

The mean durability of these models is in excess of 30 years, meaning that an investment in them is not only secure but also profitable as it involves little maintenance and major reductions in theft insurance or surveillance costs.