



ARMOURED ANTI-BULLET
SHIELDING

CUSTODIA BULLETPROOF

WWW.SUNONBLINDS.COM

SUNON. SPACE, LIGHT AND SHADE.

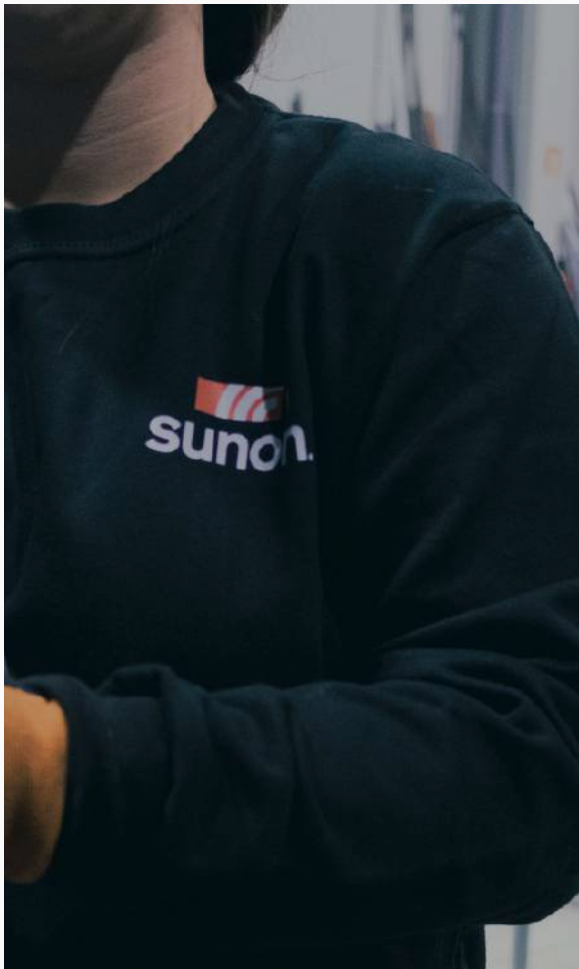


ENGLISH

WHY SUNON BLINDS?

More than 25 years ago, Sunon was born, a company formed by experienced personnel focused on the sector, since January 1993, we stand out for the wide range of solutions that we can provide. Sunon has professional collaborators from various sectors, such as: architects, engineers, window manufacturers, curtain wall manufacturers, and builders who provide the right systems for the execution of the project; for this reason, the company is recognized as one of the best in the industry

for the quality of their work. We ensure that in each project we eliminate any type of openings and gaps, in addition to providing a high design facade, comfortable, energy-saving, and environmentally friendly. We specialize in technical and adjustable shutter systems, with dynamic elements for residential sun protection, facades, security, and tunnel boxes, as well as motorization systems. Likewise, we also take care of product manufacturing, distribution and installation.



CUSTODIA BULLETPROOF

Sunon is present in all phases of the project. From advice to architects, to customized solutions for any type of renovation.

As a customer, through a virtual test, you can visualize the variety of options according to your project.

We will provide you with a technical and economic study where the total service will be provided, which includes: products, assembly, consulting and after-sales maintenance.

CUSTODIA BULLETPROOF

MAXIMUM RESIDENTIAL SECURITY

The Bulletproof louvre model is designed to have minimal buckling in large widths and high resistance to mechanical perforation, vandalism or inertia due to extreme wind gusts.

Its arched shape, plus thicker rib reinforcements in the joint areas and its slat-to-blade interlocking design, achieves maximum dimensional stability with minimum diameter and space to fit in the retracted position.

The design of its hook without light slots or ventilation and with a minimum travel space are to prevent the entry of sharp objects or tools, and its shapes that fit between slats increases the time and effort that burglars need to gain access or force access to your home or business.

This version is widely used due to the resistance it offers to attempted burglaries, even if they are equipped with crowbars, saws, axes, drills, etc.

This bulletproof model is designed in such a way that the interior armoured profiles overlap and there are no weak points in case of gunshots.

PHOTOGRAPHIES:



TECHNICAL DATA CE

TECHNICAL REPORT

Extruded aluminium roller shutter with 6063 T5 alloy according to 573-3 standard, made up of 26 slats per linear metre of height of semi-curved profiles of 39x14x1.30mm with 1.55mm reinforcements in support ribs. Mobility fixing of the slats and anti-leverage reinforcement with stainless steel plugs.

Slat joints with the arrate shaft by means of metal self-locking devices with quick-fixing crowns.

BSS safety system with WK5 certificate. Guides of different types with 15mm opening and minimum depth of 25mm. 70x1.5mm or 100x3mm axles with adjustable caps. Mechanical tubular motors or with electronic limit switches with powers adapted to the measurements of the opening, and adaptable to Domotics and with output to presence sensors or other elements pre-established by Sunon technicians or authorised installers.

TYPES OF GUIDES

It admits various types such as 50x30mm guide, 60x28x2mm guide, V25 type guide in small holes, depending on the width, type of work and required resistance.

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PROFILES

Exterior. Extruded aluminium with high strength 6063 T5 alloy. Shape: semi-curved 39x14x1.3mm, joined by a zip system with reinforced hook and socket type male-female and special shape for overlapping.

INTERIOR. Solid profile made of special armoured alloy with DIN EN 1522 FB 2 NS certificate or optional M4-FB6 class resistance armouring. 6mm steel rods calibrated with anti-rust treatment.

WEIGHT AND AXLE TYPES

Weight m2 without rods: 31 kilos m2, with rods 36 kilos m2.

Minimum shaft 70mm and thickness 1,2mm. Depending on weights and widths, Sunon will manufacture the ideal axle for the load. With special armouring and rods weight 40 kilos m2.

PRODUCT STANDARDS AND CERTIFICATES

Safety certificate WK4 with DIN EN 1522/ 1523 FB NS.

Safety certificate WK5 bullet resistance class M4 and FB6 with DIN 52 290 EN 1063.

Acoustic test standard EN 20140 ssk4 value at 40 DB.

TECHNICAL DATA CE

TYPE OF ENGINES

Mechanical or electronic tubular motors.

AUTOMATISMS AND SENSORS

Depending on the dimensions, the location of Sunon's passageways will require the installation of parachutes or sensors in accordance with European safety regulations. All bidirectional radio systems from manufacturers such as Selve, Somfy, etc. are valid. Sunon in security systems recommends bus line or mixed systems adaptable to KNX or open protocol.

TYPOLOGIES OF BOXES

Sunon recommends tunnel drawer systems with an internal bottom register.

We also have drawers made of extruded or profiled aluminium in a range of colours to choose from.

THERMAL RESISTANCE

U: 5,30 W/m²K.

ACCESS AND CONTROL SYSTEMS

Radio systems should always be code-switched and two-way transmitters are recommended if used. Sunon has systems to increase the security of your home or premises, such as perimeter presence sensors, where once the system or alarm is armed, in the event of someone accessing the garden or desired perimeter, for example, the shutters are lowered and locked.

As an option, electronic locking systems can be fitted to the guide rails or plinth, depending on the technical details of the installation.

COLOUR AND RESISTANCE FINISHES SALTSTONE

Ral lacquered, Futura series finishes with Qualicoat quality seals and Ewwa-Euras anodised.

IDEAL FOR CREATING VAULTED AREAS OR ROOMS

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Specialists in your security, with the Custody Bulletproof model we will obtain a screen or wall impassable to robberies or bullet impacts, and its mechanical hardness will also protect us from natural catastrophes. Its design has been studied so as not to attract

and can be combined with other Custodia models while retaining the same appearance and aesthetics.

WINDING BOARD. 70 MM SHAFT

Altura luz cm	Obertura luz	
	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

TIPS AND WARNINGS

Burglars have easily learned to open the so-called self-locking shutters with a simple sheet of plastic foil, positioning it in such a way that the small profiles do not get stuck in the guides.

The combination of different preparations in new buildings, such as for example, the use of a track, the connection of shutters to radar alarms and other details make the overall package more efficient for the security of your home and your family.

In windows where people pass through and depending on the weight of the shutters, it is necessary to install a parachute system or other security systems.

The average durability of these models is more than 30 years, which means that the investment is not only safe, but also profitable due to minimum maintenance and significant reductions in theft insurance or surveillance costs.

