



INNOVATIVE DESIGN AND
MULTIFUNCTIONALITY

BLIND RE20

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SUNON. SPACE, LIGHT AND SHADE.

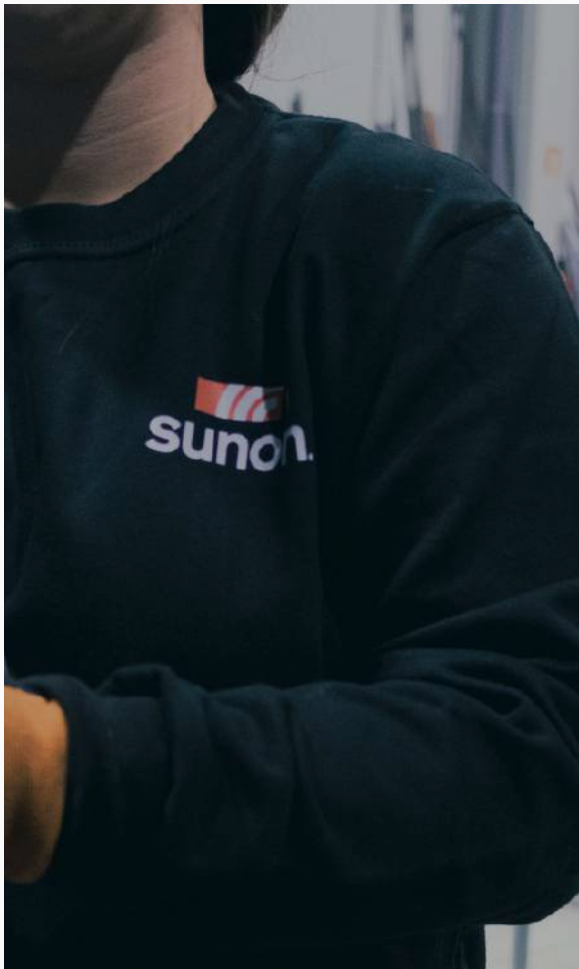


ENGLISH

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.



BLIND RE20

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.

BLIND RE20

INTRODUCCIÓN:

Blinds with an innovative and elegant design, and with eco-efficient features in terms of thermal protection and the comfort of natural lighting, conceived as a WK certified multifunctional security protection and constructed from materials of the highest quality in order to ensure maximum durability and minimum maintenance.

Their original external shape in half-open position allows the maximum amount of light and ventilation to enter. Their generous perforations gives this model greater visibility, while their careful design prevents the entry of the sun's rays at angles higher than 22° to avoid dazzling or creating reflections from excess light, and protecting those inside from prying from the outside.

The geometry of their profiles and perforations is designed to maximise cooling by ventilation and to encourage the Venturi effect, creating a cavity which provides protection from the sun in summer by reducing the temperature by approximately 10°, and in winter with the slats fully closed

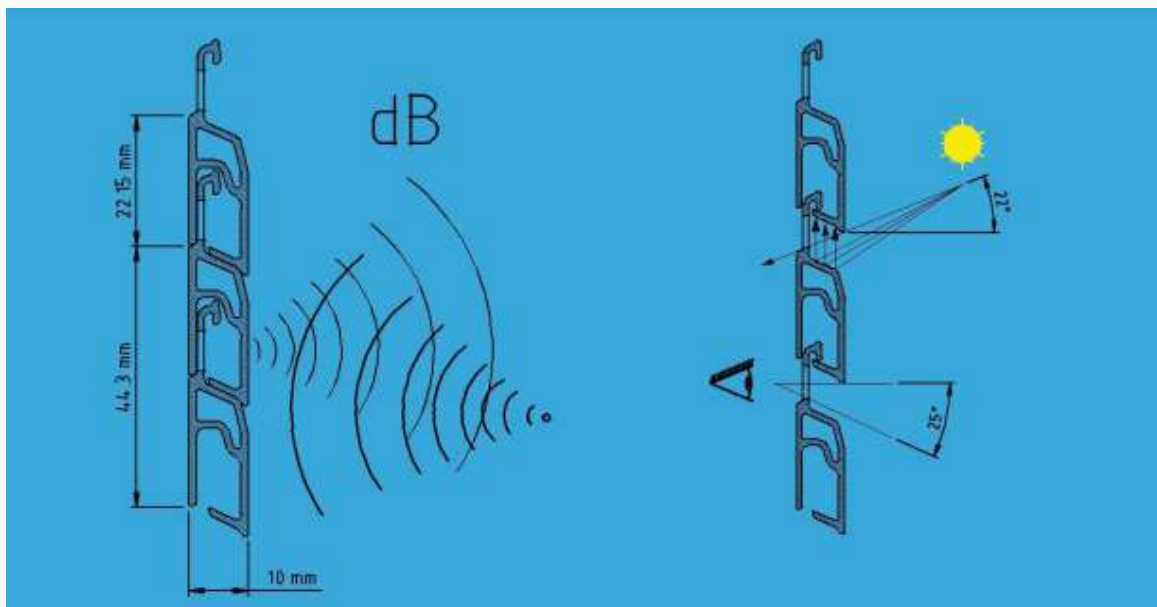
they act as a protective layer preventing the rapid dissipation of the comfortable heat and reducing heating energy consumption considerably.

The Blind Efficiency&Security RE20 is the model that provides the greatest outside visibility, transparency and ventilation in the half-open position.

Its design makes it possible to reduce the heat load from solar radiation by up to 67%.

With its optional equipment consisting of a base with manual or automatic latches, the slats can be kept in the half-open position in summer in order to ventilate and refresh the inside of the dwelling, secure in the knowledge that the locking system prevents entry from the outside.

PHOTOGRAPHY:



BLIND RE20

A STEP BEYOND AESTHETICS AND CERTIFIED SECURITY

The sturdy profiles that make up the BLIND EFFICIENCY & SECURITY RE20 are constructed from 1.2 mm thick walls of extruded aluminium, with internal reinforcement and a more pronounced fit that gravity-couples all the profiles together, giving this model a straightness and grip between the blades that all culminates in blinds that are far more robust and resistant to buckling pressure than other types of meshes or blinds, achieving a WK3-anti-vandalism security certification, successfully passing Beaufort Wind Tests of Force 11 (hurricanes).

This proven sturdiness also allows us to build the BLIND EFFICIENCY & SECURITY RE20 model to large measurements and adapt it easily to current architectural styles with spacious openings, especially in south-facing facades.

The maximum manufacturing dimensions are: a width of 350 cm, a height of 400 cm and a maximum cubic capacity of 10 m²; in the case of surface areas above or close to the maximum cubic capacity, the separation between the panes will need to be defined, together with the position with respect to the line of the facade, the type, the depth of the guides, the availability of space for rolling, the diameter and the measurements for the shafts.

The modern shape of these blinds goes beyond their aesthetics and functionality, providing great benefits such as:

- The excellent results obtained as an acoustic screen.
- Two-way rolling.
- Available lacquered in any colour or anodised.
- Minimum rolling diameter adaptable to all types of housing box and standard guides.
- Easy to adapt to different types of architecture or customs, depending on the geographical area involved.

PHOTOGRAPHY:



BLIND RE20

BLIND EFFICIENCY & SECURITY RE20 TECHNICAL SPECIFICATIONS

- Consisting of tubular profiles in 6063 extruded alloy in accordance with Standard EN 573-3.
- With 1.2 mm thick walls and a weight of 13.5 kilos per sq. metre.
- Reinforced profile at the top of the hook and bottom contour with joints thicker than 2 mm and T-5 type maturing in accordance with EN755-2.
- Profile height 23 mm and thickness 9.5 mm.
- Maximum lengths of 3,500 mm wide and 4,000 mm high, with a maximum cubic capacity of 10 sq. metres.
- WK3 security certificate Standard DIN V ENV 1627.
- Certified as being capable of withstanding hurricane force winds. Dynamic pressure (mean value 600 N/m²). Beaufort scale rating 11 from 28.5 to 32.4 m/s equivalent to winds of almost 120 KM/h.
- Perforations that are specially designed for greater visual clarity and maximum ventilation, measuring 80 mm x 7 mm and with intermediate 20 mm blind joints.
- Side plugs for maintaining a symmetric composition, made of nylon with a slip coefficient of 0.12.
- Acoustic insulation tested to Standard EN 20140 with a value of SSK 3.RW: 35-39 DB.

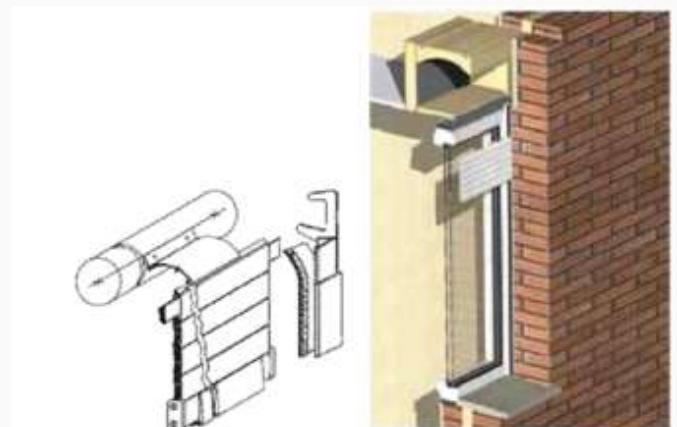
All units are delivered coded, to ensure perfect quality control.

OPTIONAL SECURITY ITEMS:

- An accessory consisting of a reinforced base with an automatic lock.
- A control established by Sunon and by the manufacturer is needed and is essential.
- An BSS top locking accessory, A 50 mm x 2 mm guide must be used. For a minimum order, we can apply a 3.5 mm thick bullet-proof armoured finish HBW 400 MS series with DIN EN 1522.

N.B.: We reserve the right to carry out modifications aimed at introducing technical improvements in our products or extending new features.

PHOTOGRAPHY:



BLIND RE20

RE 20 ROLLING BOARD FOR 60 SHAFT

TOTAL HEIGHT	SLATS	DIAMETER	SHAFT	TYPE OF ROLLING
101,25	45	16	60Ø	INTERNAL
110,25	49	16	60Ø	INTERNAL
119,25	53	17	60Ø	INTERNAL
128,25	57	17	60Ø	INTERNAL
137,25	61	18	60Ø	INTERNAL
146,25	65	18.5	60Ø	INTERNAL
155,25	69	19	60Ø	INTERNAL
164,25	73	19.5	60Ø	INTERNAL
173,25	77	20	60Ø	INTERNAL
182,25	81	21	60Ø	INTERNAL
191,25	85	21	60Ø	INTERNAL
200,25	89	21.5	60Ø	INTERNAL
209,25	93	21.5	60Ø	INTERNAL
218,25	97	22	60Ø	INTERNAL
227,25	101	23	60Ø	INTERNAL
236,25	105	23	60Ø	INTERNAL
245,25	109	23.5	60Ø	INTERNAL
254,25	113	24	60Ø	INTERNAL
263,25	117	24	60Ø	INTERNAL
272,25	121	24.5	60Ø	INTERNAL
281,25	125	25.5	60Ø	INTERNAL
290,25	129	25.5	60Ø	INTERNAL
299,25	133	26	60Ø	INTERNAL
308	137	26	60Ø	INTERNAL

TABLE OF COLORS RAL

STANDARD RAL COLOURS

9010	3007	6021	7035
1015	3011	6028	8014
1021	5010	7011	8017
2004	6002	7012	9010AK
3000	6005	7016CM	9011
3005	6009	7022	9011CM

