



INTEGRAL SYSTEM

INTEGRAL THERMAL FRAMING

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SUNON.SPACE | LIGHT | SHADE

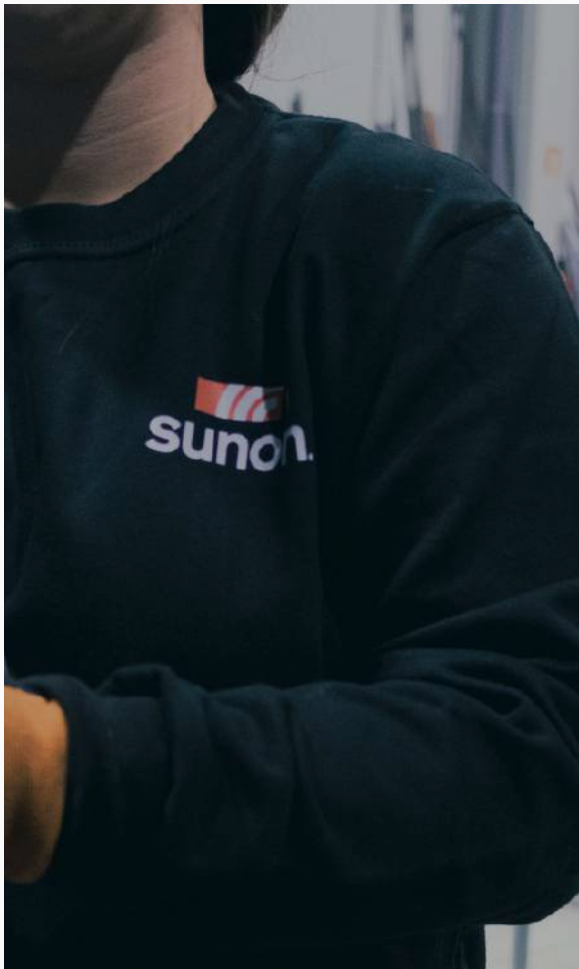


ENGLISH

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.



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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.

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FOR ROLLER SHUTTERS

SUNON's integral pre-frame system is the most energy efficient and maximizes thermal and acoustic performance, and the most aesthetic solution, as all elements are hidden and integrated into the architectural ensemble.

This specific and integrated system for louvers, comprising extruded polystyrene (XPS) and fiber cement insulating parts (sides available in standard or thicker version), high density box, insulated cover. Optionally, a fourth panel is available in the lower part with thermal break. Designed to accommodate shutters in aluminum, steel, extruded material, PVC and wood, either motorized or manually operated.

This model has variants, depending on the type of masonry and the position of the window frame. We also offer technical assistance and complete design for the development of tailor-made models to meet the specific needs of the project.

DIAGRAMS:



PHOTOGRAPHIES:



The integrated and efficient monobloc frames are ready to be installed directly on site. This system is suitable for all types of windows and is made to measure.

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SHUTTER VERSION

This model is designed for openings with shutters. It provides a system for external light regulation. It is the ideal solution, since it eliminates thermal bridging, insulating the window opening. This model does not require subsequent holes in the work. It assures excellent aesthetics combined with the guarantee of non-cracking and infiltration, since it has clamps on the sides to fix the shutters.

VERSION FOR ADJUSTABLE STACKING LOUVERS

The need to rationalize the passage of light and air, the reconciliation of sunlight protection, cooling, gave impetus to the growth of this model. Excellent and unbeatable thermal and acoustic performance, which aesthetically allow details such as hiding the guides in the jambs.

(CasaClima Gold or Passivhaus Certification) and acoustic (Class 1 UNI 11367).

DIAGRAMS:



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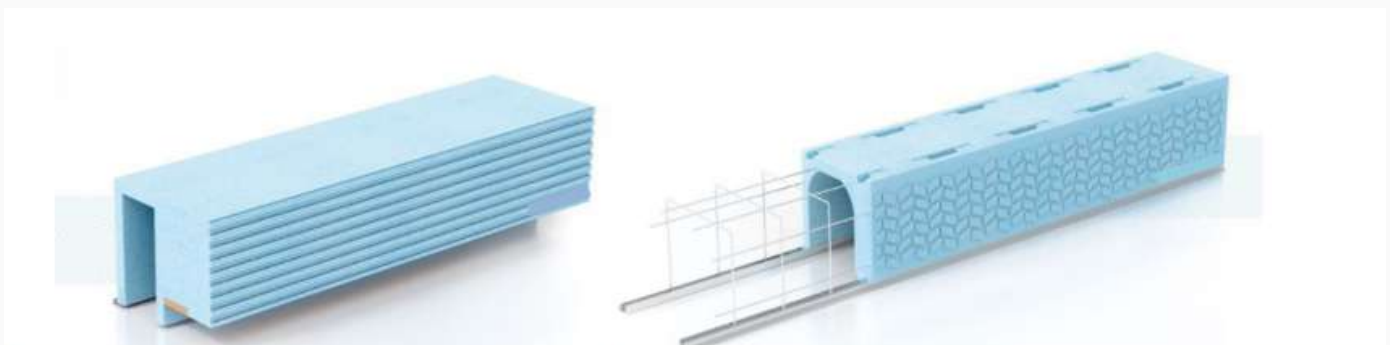
SUNON's integral thermal pre-frame systems are made with state-of-the-art machinery and are designed to accommodate any shutter system, easily and quickly. They adapt to any type of masonry and to the different profiles and types of shutter tubes.

Made of expanded polystyrene foam, high-density material, stable, recyclable, resistant, non-toxic, and waterproof.

TECHNICAL SPECIFICATIONS

Sound reduction index (standard motorised version)	$R^w = 40 \text{ dB}$; $C=0$; $C^{tr} = -1$ (Testing institute - Faculty of Engineering at Padua University - 395 of 23.04.2007)
Box thermal conductivity (ESP)	$\lambda=0,0034 \text{ W/mK}$
Density	35 kg/m^3
Reference standards	UNI EN ISO 140-3:2006; UNI EN ISO 117 1:2007; UNI EN ISO 10077-2:2004
Fire reaction	Euro Class E

DIAGRAMS:



PREMARCO INTEGRAL TÉRMICO

1. Opening of work without plastering, check that they are the requested measures.
2. Very easy and fast on-site assembly of the system. The sides are fixed by checking the correct position of the shutter or mosquito nets.
3. Assembly: the system is inserted into the opening on site.
4. The integrated system is anchored to the masonry with brackets, very fast, and gives great strength.
5. Low expansion polyurethane, foam, and cement mortar are used to seal the system.
6. Result: in just a few simple steps, the monobloc framing is installed on site.
7. Translated with www.DeepL.com/Translator (free version)

STEPS TO FOLLOW PHOTOGRAPHIES:



