

TECHNICAL CATALOG

TUNNEL DRAWERS

WWW.SUNONBLINDS.COM

SUNON. SPACE | LIGHT | SHADE

TUNNEL DRAWERS FOR ROLLING AND ADJUSTABLE
BLINDS

COMPLETE PRE-FRAME MAXIMUM THERMAL AND
ACOUSTIC INSULATION.

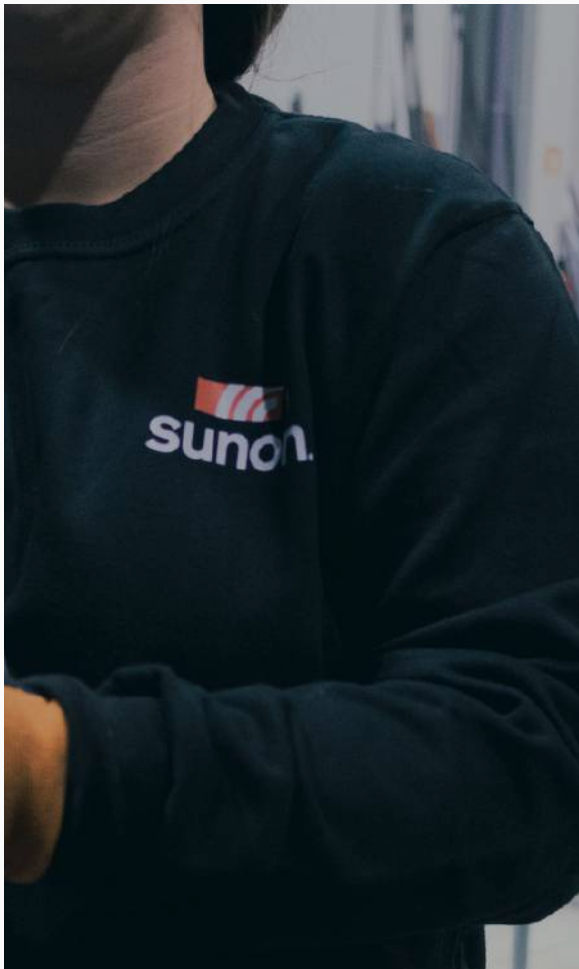
A black and white photograph of a modern Sunon building with large glass windows. The building features the Sunon logo and the slogan "Espai, llum i ombra" on its facade. A flag with the "BRUSTOR" logo is visible in the foreground. The sky is overcast.

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 we can provide you with. 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 both 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. We also take care of product manufacturing, distribution and installation.



TUNNEL DRAWER SYSTEM

Models superior to traditional systems with results of minimum thermal coefficient: $0.23 \text{ W} / (\text{mk})$, acoustic improvements with resistance of up to 50 Db. Easy adaptation to the architecture and simple assembly.

The tunnel drawers manufactured by Sunon are ideal for fitting large or heavy blinds. Once modulated to the measurements of work and type of window or section thickness, it is prepared with reinforced head supports and the necessary angles if it requires supporting facades of exposed face or stone billet.

ST200

SUNON PRODUCTS MEET THE STANDARDS OF THE TECHNICAL BUILDING CODE IN REFERENCE TO THERMAL, ACOUSTIC AND FIREPROOF INSULATION.

The **ST200** is the mortar finished version of our blind drawers. It is made of polystyrene and consists of an internal 3 mm galvanized steel lattice.

Offers exterior finishes Heraklit plates. This material provides a greater adherence to the subsequent plastering or coating and is a great acoustic insulator.

The lower aluminum profiles can be of different shapes and sizes according to the needs of each project.

The **ST200** drawers are designed to be installed, according to your specific needs, in any type of construction and to easily and quickly accommodate any type of roller shutter and maneuvering system.

DIAGRAMS & RESULTS:

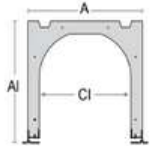
ST200, interior poligonal



	A	AI	CI
ST 22	219 x 300	170	
ST 25	254 x 256	200	
ST 26	263 x 292	233	
ST 28	284 x 300	230	
ST 30/25	296 x 256	242	
ST 30	296 x 300	242	
ST 35	344 x 300	290	




ST200, interior redondeado



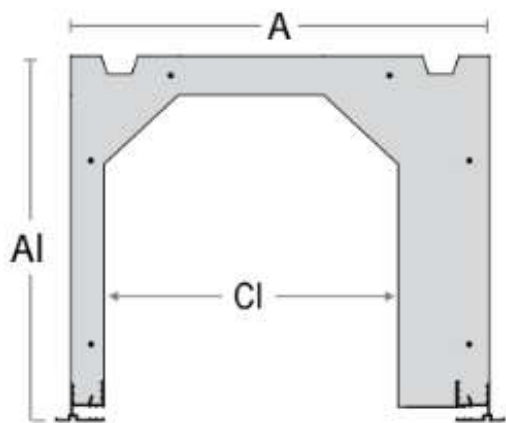
	A	AI	CI
ST 27 T	274 x 300	220	
ST 29 T	289 x 300	235	
ST 30 TH	298 x 300	235	
ST 35 TH	343 x 300	235	

ST300

SOLUTION WITH GREATER INTERNAL SIDE FOR HIGH YIELDS.

With the system of tunnel drawers from Sunon, the interior achieves an unbeatable design and aesthetics, in addition to the thermal and acoustic advantages far superior to the traditional compact or internal registers of sheet or panel of 10 mm.

DIAGRAMS & RESULTS:



	A	AI	CI
ST 300	298 x 300		231
ST 350	343 x 300		242

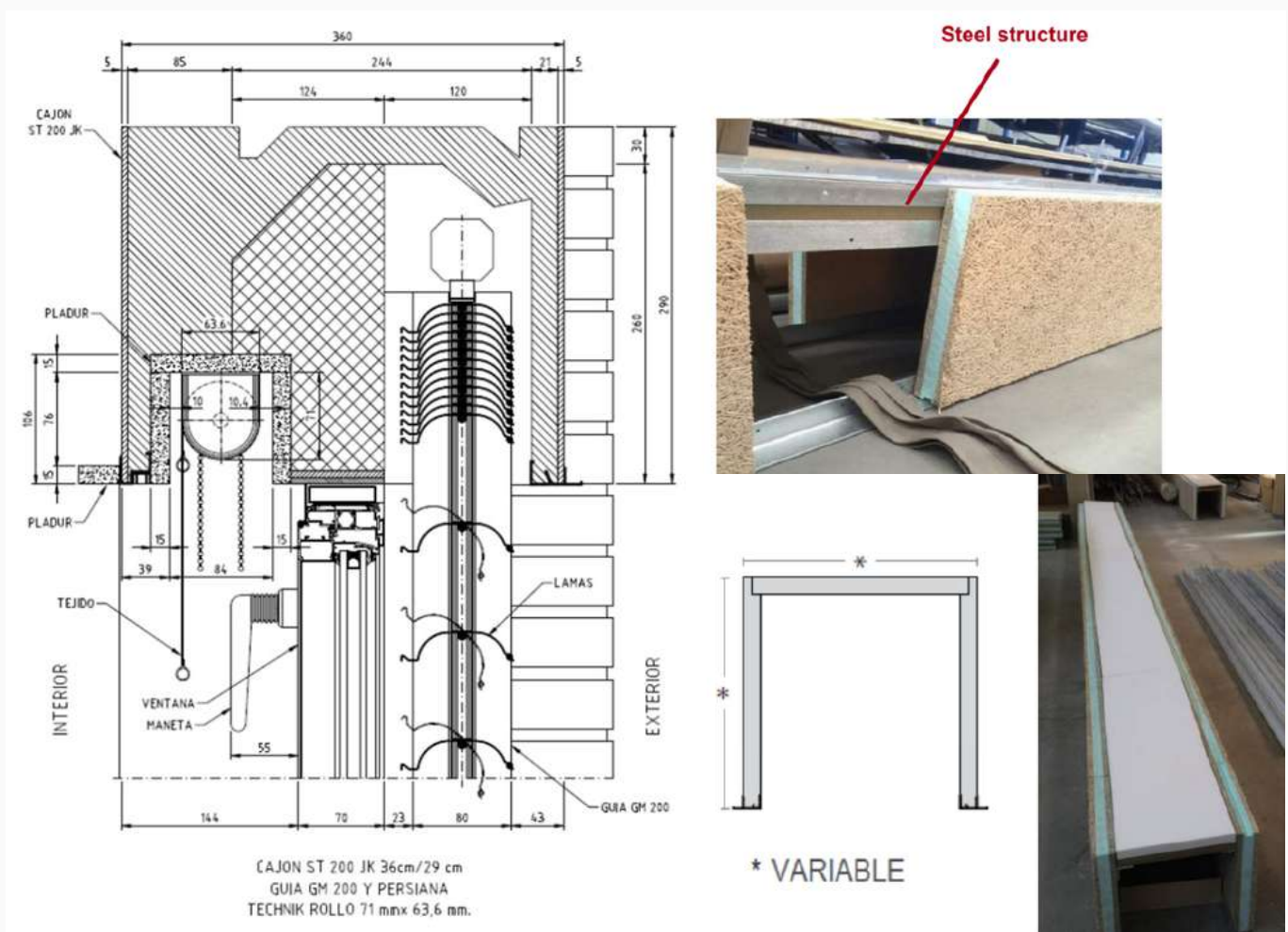


ST400

FOR LARGE ROLLER SHUTTERS AND SHUTTERS.

Special drawers for roller shutters and large roller shutters. Special large format versions that allow machining where to fit inside screens or exterior zips.

DIAGRAMS & RESULTS:



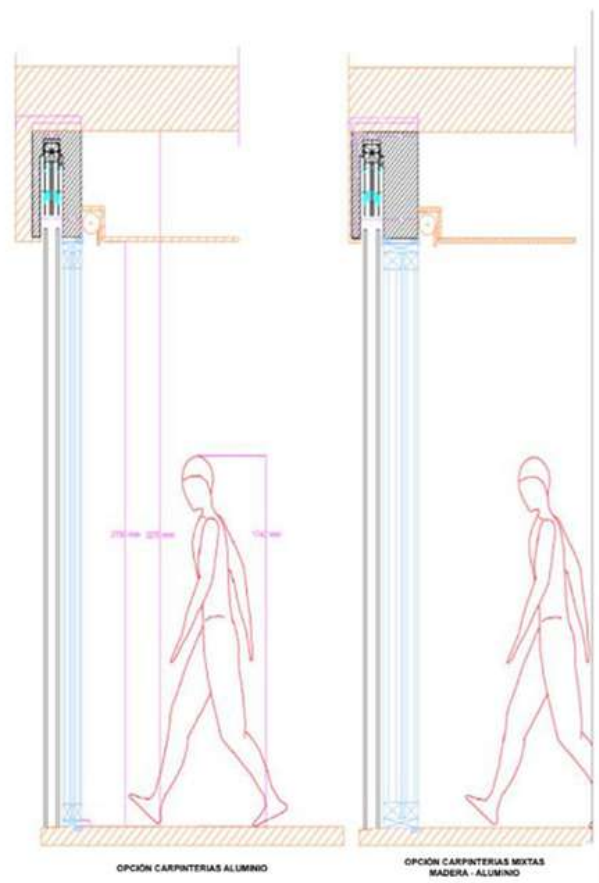
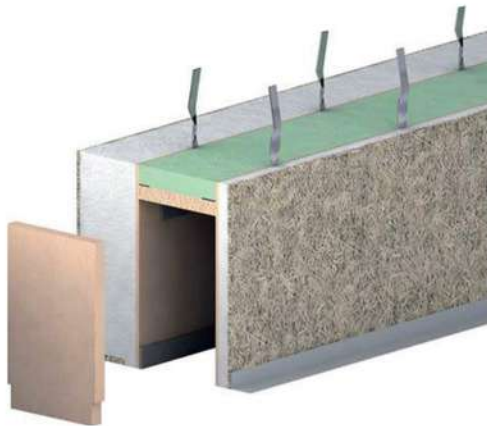
JALOUSIEN

FOR EXTERIOR VENETIAN BLINDS.

The JALOUSIEN system offers individualized architectural solutions and forms an ideal binomial for retractable and stackable systems. Sunon has different models according to the height of the package and the width of the hole.

For the models designed for retractable shutters type GM200 of Schenker Storen, we have Basf panels modulated to the most usual measurements, but we can also manufacture special measures in holes, for example, 400 cm high.

JAULISEN EXTERIORES BLINDS:



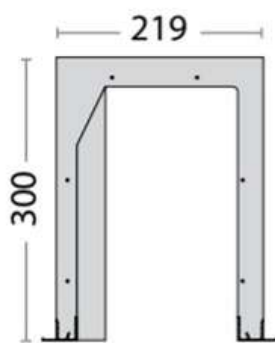
JALOUSIEN

WITH SUNON BLIND DRAWER SYSTEMS, THE REGISTRATION DOORS DISAPPEAR INSIDE THE HOUSE, OFFERING A MORE AESTHETIC FINISH ON THE WALLS.

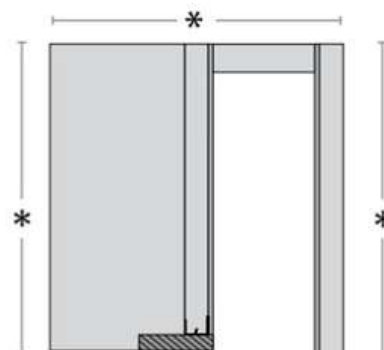
Hidden drawer solution ideal for any type of exterior sun protection.

DIAGRAMS & RESULTS:

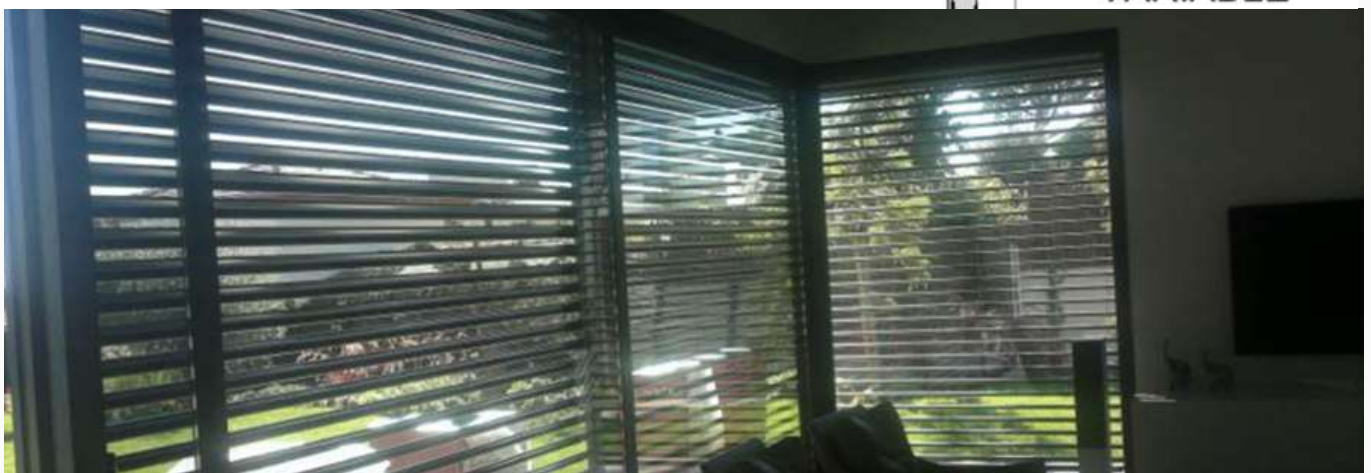
Jalousien 22



Jalousien M



* VARIABLE



ARCH

CURVED DRAWERS.

The curved drawer is a novelty in the field of construction. It allows a considerable economic saving in the processing of the window arch and, in addition, it replaces the traditional handmade lintel with which thermal and acoustic insulation performance benefits are achieved.

From the architectural point of view, we distinguish between three types of arch: round, segmental and double beam.

To close or inspect this drawer it is better to use the front solution. The bottom part is not always adequate.

TYPES OF ARCH DIAGRAM:

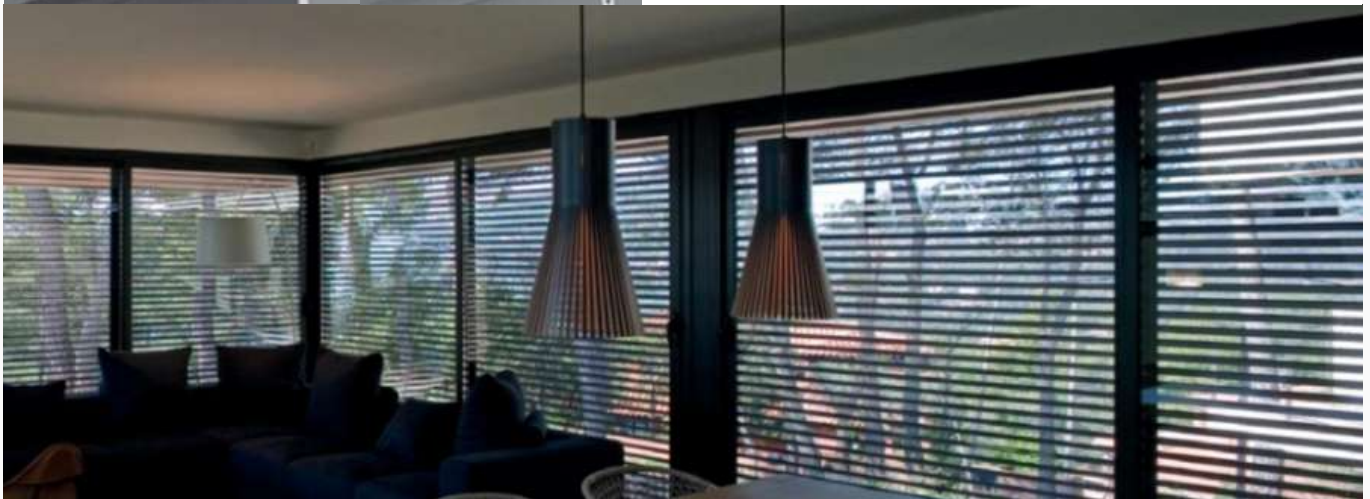
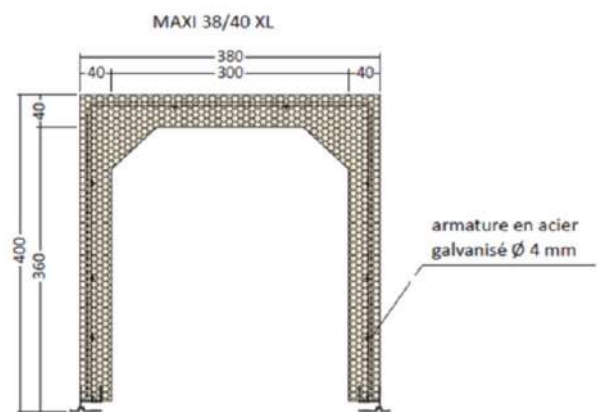
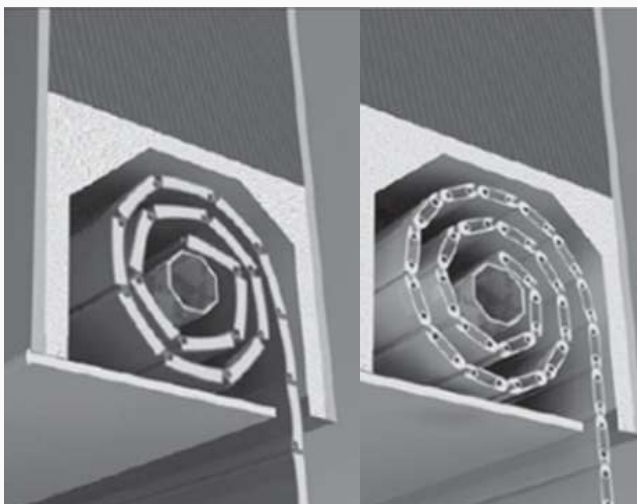


MODEL SUPER-GRADHERMETIC

SUNON HAS DESIGNED THE FIRST SPECIAL MODEL FOR SUPERGRADHERMETIC® BLINDS.

It is designed for both internal and external winding, achieving a great thermal and acoustic insulation, and above all an unbeatable interior aesthetic.

DIAGRAMS & RESULTS:



REGISTRATION CAPS

SUNON REGISTRATION CAPS ARE THE BEST FINISH FOR DRAWERS.

PVC provides optimum insulation, stability and resistance to possible deformations caused by heat or cold.

The inside of the covers is lined with 20 mm polystyrene, which increases the quality of the insulation.

The covers can be easily removed to make revisions or repairs to the blinds.

This model can be made of aluminum, which allows the finishing of the register with any color of the windows or façade.

Taking into account a previous study of the drawer-blind window assembly, the space for the subsequent installation of mosquito nets between the glass and the blind can be calculated.

POSSIBLE MATERIALS FOR ITS USE:

- Aluminium caps
- PVC caps
- Composite Caps
- Covers of Corter
- Consult other finishes.

PHOTOGRAPH:



INTEGRAL SYSTEM

MONOBLOCK TERMOAISLANTE ADAPTABLE TO ANY TYPE OF CONSTRUCTION, THANKS TO THE WIDE RANGE AVAILABLE AND THE MULTIPLE POSSIBILITIES OF PERSONALIZATION.

The Sunon Integral System is an innovative prefabricated frame system for doors and windows, made to measure and compatible with all doors and windows with shutters or roller shutters on the market.

It is made of expanded polystyrene insulation panels with a fiber cement finish and a non-expanded polystyrene drawer. It is delivered complete or assembled, ready for installation.

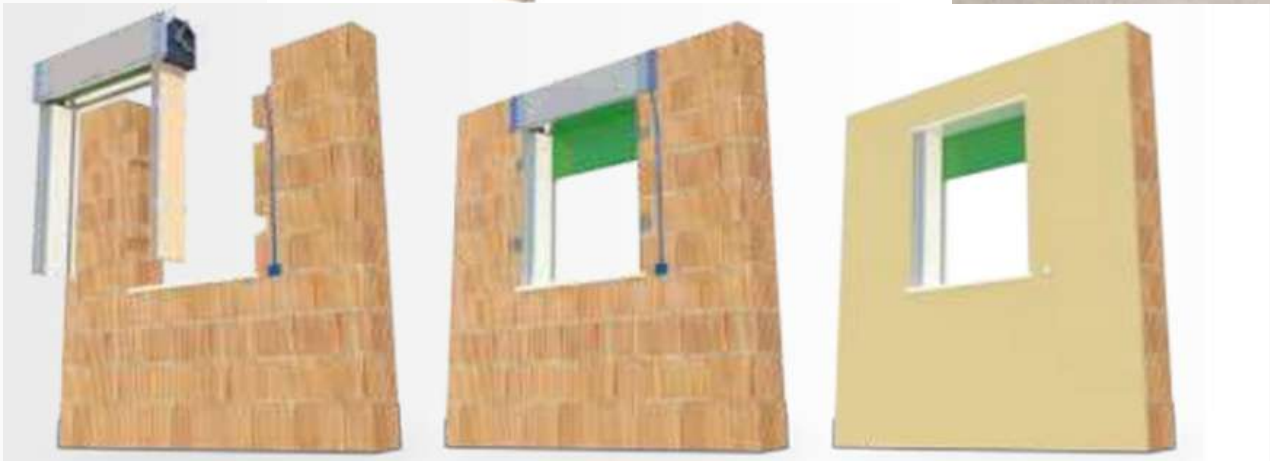
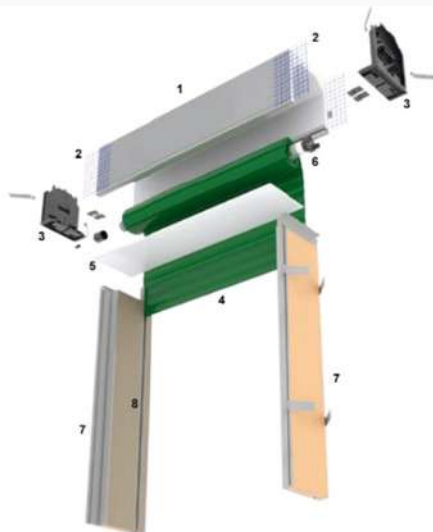
This system is made to measure and designed to adapt to any type of blind or door. In addition, we have the ANTE version, designed for external shutters and roller shutters, even with pre-assembled hinges.

The Integral System is an innovative system conceived for a quick and easy installation that allows transforming a rough hole into a finished hole without thermal and acoustic bridges, and ready to adapt to any type of window.

DIAGRAMS & RESULTS:

KEY:

1. DrawEr
2. Plaster support
3. Final panel headboard
4. Blind
5. Soffit panel close
6. Engine
7. Side panels
8. Guide



INTEGRAL SYSTEM

MONOBLOQUE TERMOAISLANTE ADAPTABLE A CUALQUIER TIPO DE CONSTRUCCIÓN, GRACIAS A LA AMPLIA GAMA DISPONIBLE Y LAS MÚLTIPLES POSIBILIDADES DE PERSONALIZACIÓN.

The result with the Sunon Integral Premarco is to create a clear division between the interior and the exterior along with the window frame, without elements that connect the two areas, as is the case with traditional sheets in galvanized metal sheet.

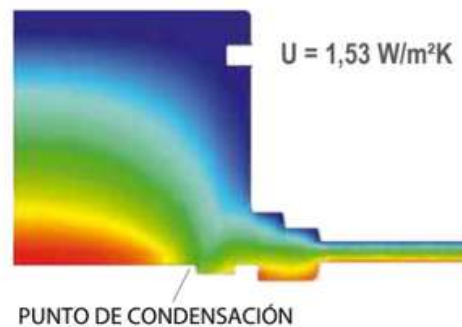
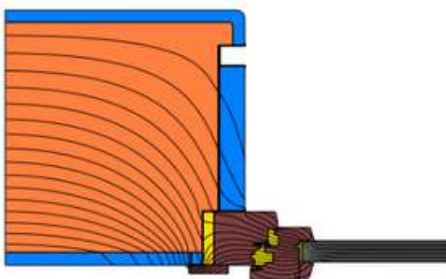
The objective of the system is to create a defined division between the interior and the exterior of the house, avoiding any element or material that creates thermal bridges and connect the two areas, as happens with traditional frames of galvanized metal sheet..

The performance and quality of the materials and the technology used make the Integer System unalterable over time and provide an excellent level of acoustic insulation and a high power of thermal insulation that ensures greater energy efficiency of the building.

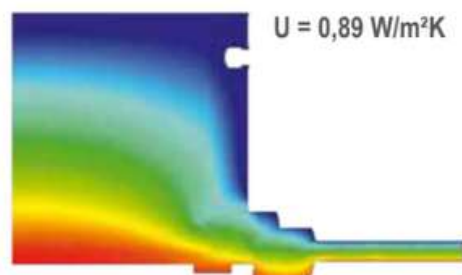
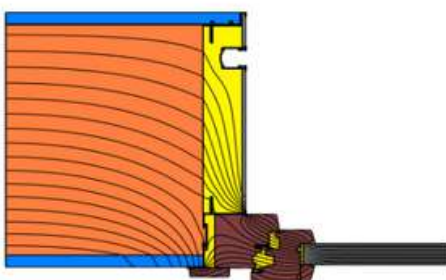
Compared to traditional systems, the Sunon Integral Pre-frame combines drawer, counter frames and insulation materials in a single element, which is delivered already assembled. These components, which may be among the most critical in the opening of the window, but combined, as in this system, guarantee numerous advantages that can be summarized in **SIMPLICITY** and **PERFORMANCE**, and that equals **COMFORT** and **COMFORT**.

DIAGRAMS:

SISTEMA CON MARCO GALVANIZADO



SISTEMA INTEGRAL SUNON



INTEGRAL SYSTEM

INTEGRAL SYSTEM WITH INTERNAL REGISTRATION SYSTEM:

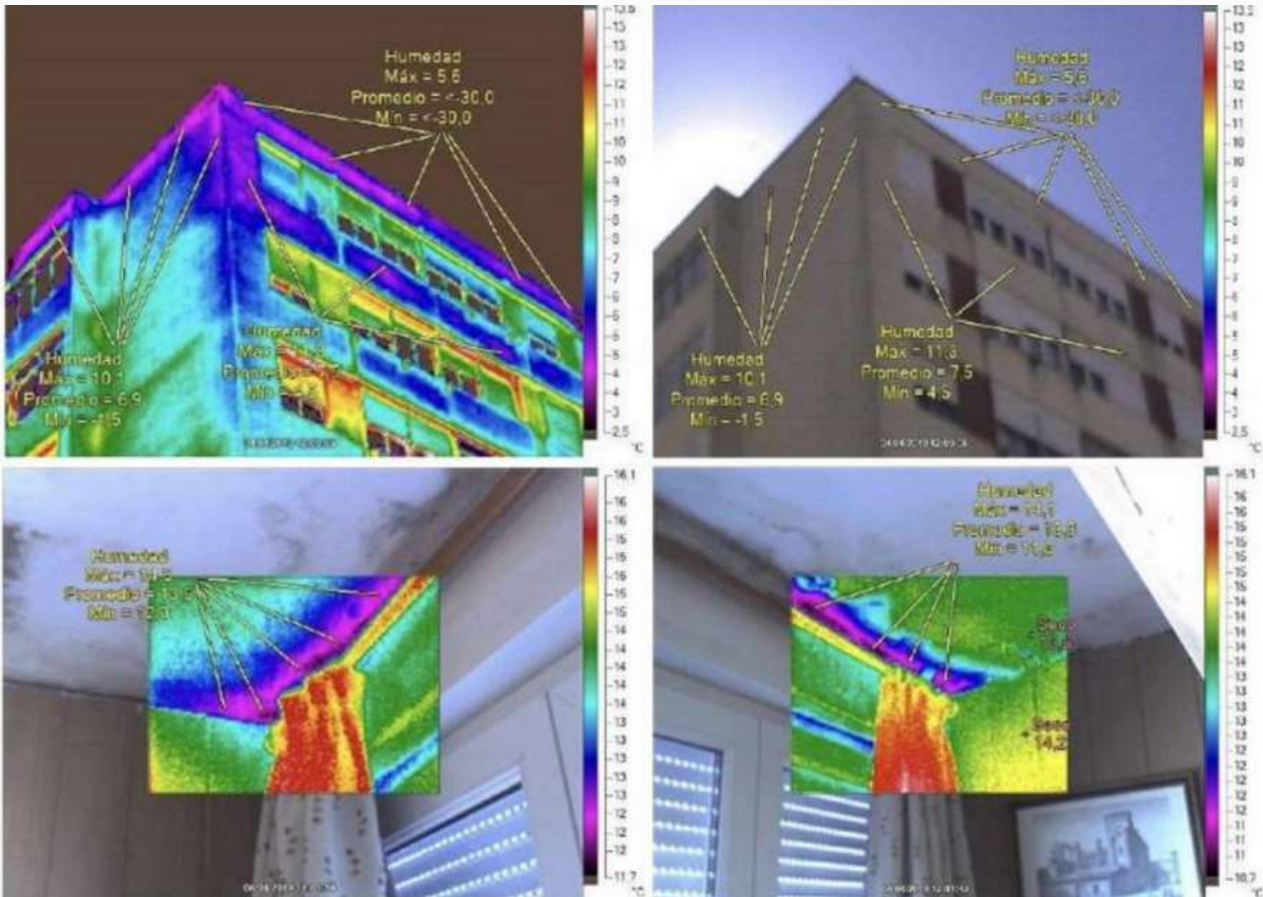


INTEGRAL SYSTEM FOR ORIENTABLE BLINDS STACKABLE AND WITH INTEGRATED MOSQUITO NET:



INTEGRAL SYSTEM

DISADVANTAGES COMPACT INTERIOR SYSTEM:



THERMAL TABLE:

ST200 25x25	ST200 30x30	ST200 35x30
$f_{th} = 0,73$	$f_{th} = 0,71$	$f_{th} = 0,71$

