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# SHUTTERS CATALOGUE EXTERIOR AND INTERIOR











# **EXTERIOR SHUTTERS**

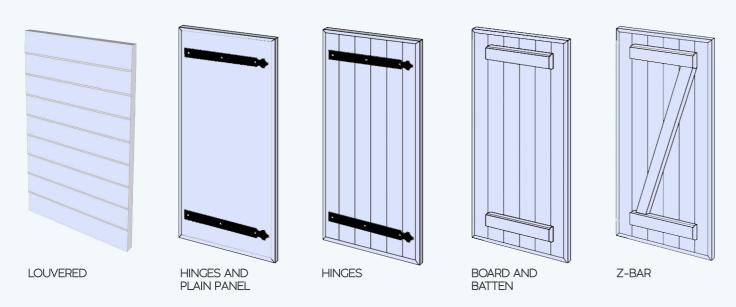
At INDUPANEL we believe that tradition is not necessarily at odds with progress. For this reason, we preserve the aesthetics of the classic models to design our external shutters, but adapting them to the demands of the current market. That is why the resulting product integrates perfectly into all types of facades, achieving a timeless aesthetic, both for new installations and for renovations.

Our shutters provide light, acoustic and thermal insulation, with the resulting well-being and energy savings. In addition, we offer you fully customizable options so that your shutters adapt to the size, design, finish and color you are looking for.

Thanks to our know-how, achieved after 20 years of experience as manufacturers of aluminum panels for exterior carpentry, and our technological and human resources, we can guarantee excellent quality and durability in our products.

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#### **DESIGNS AND COMPONENTS**



#### **ECOLOGY**

The great durability of aluminum gives these shutters a long service life. It is a totally recyclable material. without its properties being affected. light and with low environmental impact.

#### SOLIDITY

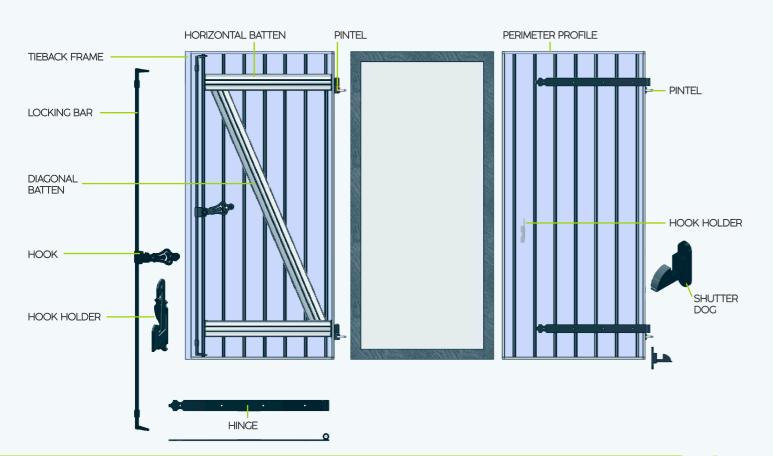
Thanks to aluminum as the main material (including accessories) and reinforcements in the areas of greatest wear, these shutters maintain a high quality and resistance to continued use, including corrosion.

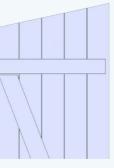
## INSULATION

The insulation achieved is thanks to the extruded polystyrene core assuring an high resistance to all weather conditions and a perfect fit to the opening without ight leaks.

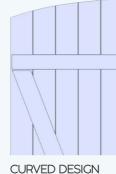
## AESTHETICS

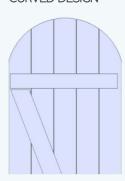
The wide variety of models and designs adapted to the type of opening, the different finishes, and the accessories available, make each shutter a custommade element.





OBLIQUE DESIGN





ROUND DESIGN



**EXTERIOR VIEW** 



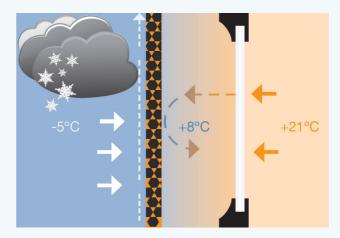
INTERIOR VIEW



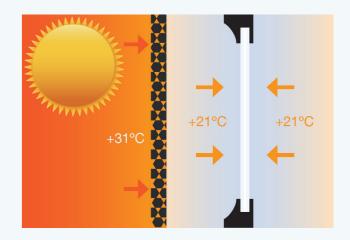
- 30 mm thickness
- No maintenance
- Screwing area reinforcement
- Perimeter U-profiles with 45° cut



# THERMIC INSULATION



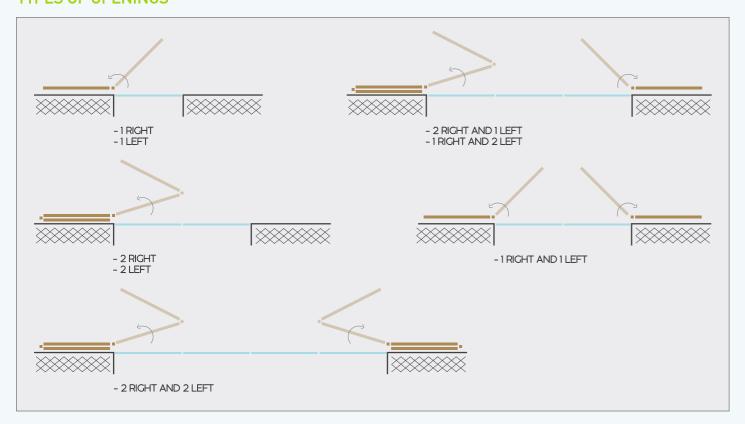
Thermic panel shutters are an excellent insulator that blocks cold air from outside. In turn, it keeps the hot air between the window and the shutter, so that the temperature remains steady, even with wind blows, without the need for additional energy input inside.



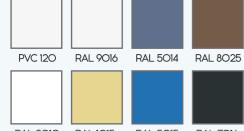
The thermic panel also insulates against heat. When the outdoor temperature is high, the shutter provides a lock that creates a zone of fresh air between it and the window, so that the windows do not heat up and the internal temperature is steady.

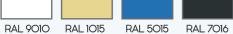
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#### **TYPES OF OPENINGS**



#### **LACQUERED**

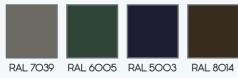




\* Consult more colors and finishes

# **TEXTURED**





#### **DECORATIVE FOIL**













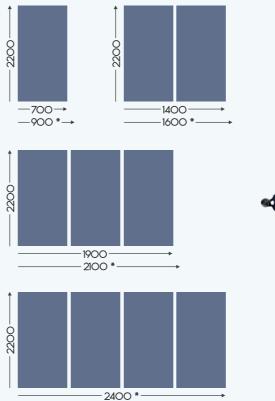


DARK GREEN



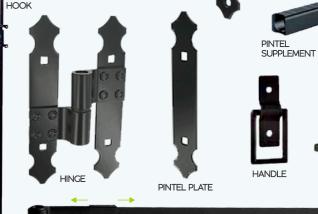


# MAXIMUM DIMENSIONS





**ACCESSORIES** 

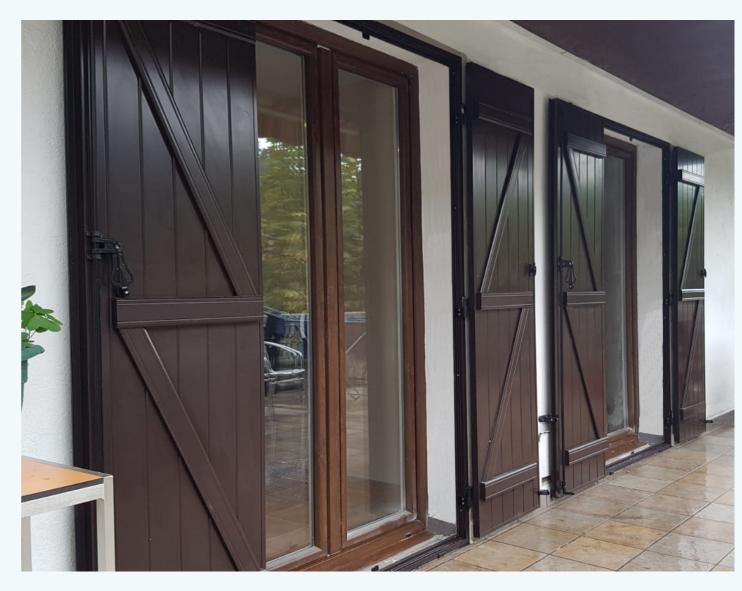


COUNTER HINGE

ADJUSTABLE STRAP HINGE (Height and length adjustable)

\* (Measurements in mm. Consult other dimensions)









#### **OPENING BY CRANK**

This system allows the shutters to be opened and closed manually, through a crank located in the inner frame of the window, without the need to open it and, therefore, without energy loss or risk, and can be placed in any intermediate position.





#### SHUTTER FRAME

The shutter frame is an aesthetic and watertight element, with a quality finish that unifies all the elements of the facade.

It is ideal for covering imperfections, such as old hinge marks and adapts to all kinds of shutters.

It consists on three or four aluminum edges that line the contour of the window, with an unbeatable quality and a perfect coupling at the corners, ensuring additional sealing at the periphery of its shutters, thanks to the integrated brush-type joints.

With this system a higher thermal performance is guaranteed since the insulation is increased.

The frame can be lacquered in the same finish of the shutters.





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EXTERIOR LOUVERED SHUTTERS, EMBERO FINISH



EXTERIOR Z-BAR SHUTTERS, GOLDEN OAK FINISH



INTERIOR SHUTTERS WITH CUSTOM DESIGN (3 VERTICAL SLOTS), WALNUT FINISH

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# **PVC INTERIOR SHUTTERS**

The interior shutters provide an extra in terms of thermal and acoustic insulation, gradually regulating the entrance of light from the outside until achieving a total darkening. They protect the interior of your home from damage caused by direct sunlight, as well as increasing your privacy.

Thanks to our different designs and our wide range of finishes, these interior shutters adapt aesthetically to all kinds of styles, allowing a renewal of your traditional shutters.

Being made to measure, an optimal result is guaranteed. You can consult us both dimensions and special designs and we can make it happen.

# MODEL 1





GOLDEN OAK

# MODEL 2





MODEL 3





WALNUT

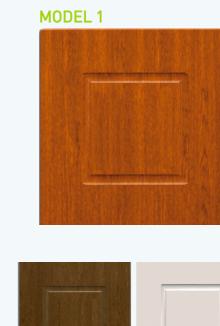
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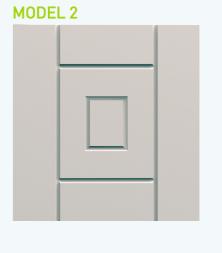






















**DECORATIVE FOIL:** 

# RAISED PANEL























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