

# WOODEN SHUTTERS

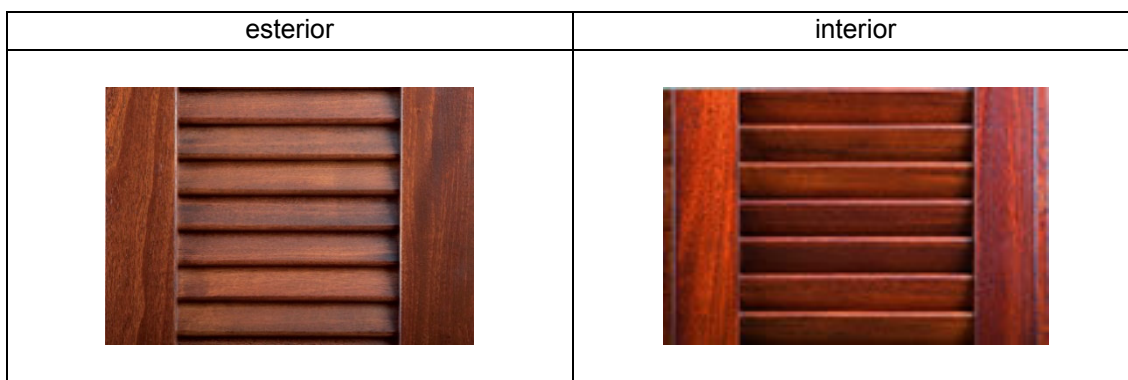
## technical specifications

### Features

The materials we use are stocked in a storehouse that is naturally aired, and it is thermo-hygrometrically balanced with the environment. It's humidity level, when we start working it, varies according to the type of wood and it can range from 10% to 16%.

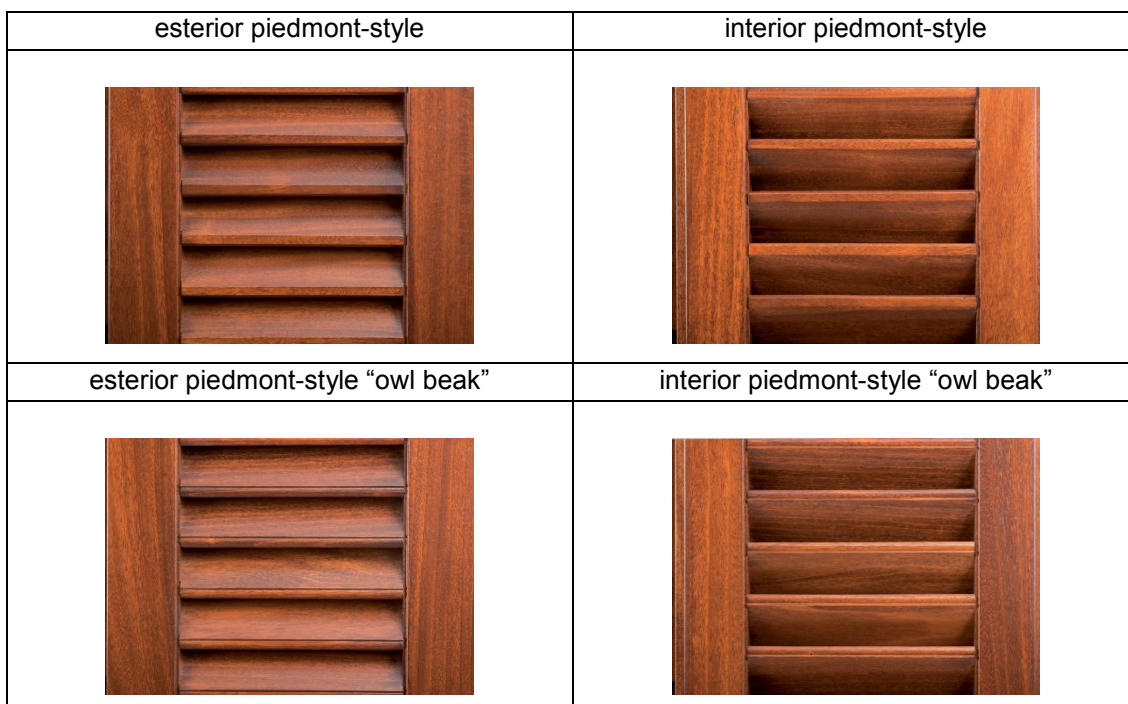
### Open-slat shutters

Constructed with mullion and cross section of 44x80 mm with 90 ° joints with double tenon in the closed grooves, the series is built with an upper crosspiece and two lower cross members. Slats rounded with 45x11 mm section.



### Piedmont-style slat shutters and “owl beak” piedmont-style

Constructed with mullion and cross section of 44x80 mm with 90 ° joints with double tenon in the closed grooves, the series is built with an upper crosspiece and two lower cross members. Piedmont-style slats with 70x11 mm section.



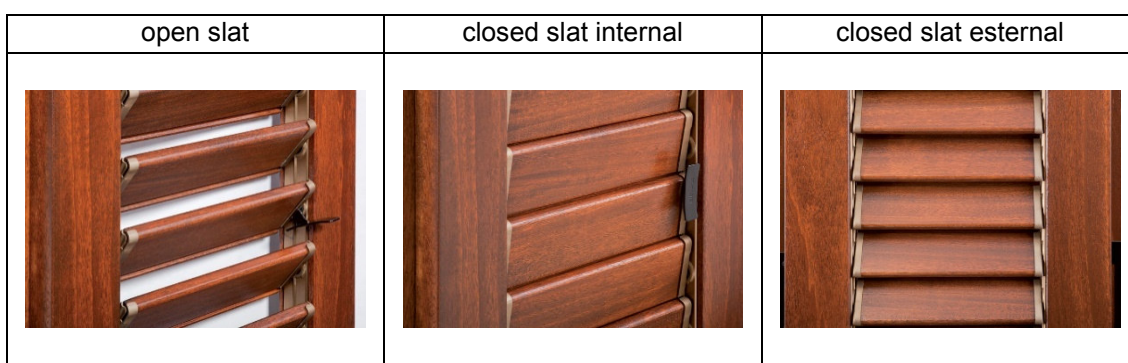
### Drop-slat shutters

Constructed with mullion and cross section of 44x80 mm with 90 ° joints with double tenon in the closed grooves, the series is built with an upper crosspiece and two lower cross members. Drop style slats with 38,5x26 mm section.



### Shutter with adjustable louvre board

Constructed with mullion and cross section of 44x80 mm with 90 ° joints with double tenon in the closed grooves, the series is built with an upper crosspiece and two lower cross members. Slats rounded with 70x12 mm section inserted in an aluminium device for aperture control.



### Frame

Optional built with 80x44 section with architrave external 50x20 mm mounted. It is also available with the frame section 63x44 mm.

### Hardware

Made of steel and alloys are highly resistant to corrosion is certified with the RAL quality mark (in accordance with DIN EN 13126-8) and tested upon 10.000 openings and shuttings. Black central lock and angle iron, on request RAL colors.

### Product performance characteristics

At the time of delivery, the manufacturer's declaration of performance is issued, in compliance to the EU regulation CPR 305/11 / EEC and to the product standard UNI EN 13659 (CE marking for external closures). The following technical characteristics are shown for each external closure.

<b>Wind-resistance</b> according to UNI EN 1932	6 class
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#### Drop-slat shutters, shutter with adjustable louvre board when closed.

<b>Gtot solar transmittance</b> according to UNI EN 13363-1 and UNI EN 14501-1 glass reference values Ug = 1.2 g = 0,59	Colours	White	Pastel	Dark	Black
	Gtot	0,03	0,04	0,06	0,08
	Classification according to UNI EN 14501-1	4 class	4 class	4 class	4 class

#### Open-slat shutters, Piedmont-style slat shutters, Shutter with adjustable louvre board when opened

<b>Gtot solar transmittance</b> according to UNI EN 13363-1 and UNI EN 14501-1 glass reference values Ug = 1.2 g = 0,59	Colours	White	Pastel	Dark	Black
	Gtot	0,10	0,10	0,09	0,09
	Classification according to UNI EN 14501-1	4 class	4 class	4 class	4 class