





# WOODEN

## Windows and Doors

Regardless of the material that constitutes its frame, the functionality and performance of any type of window or door must meet mandatory legal standards that already require outstanding quality.

It is possible to change the performance of any building system—be it Wood, Alu-clad Wood, PVC or Aluminium—in terms of energy, acoustics, weatherstripping, safety, functionality, etc. This can be achieved by using different fillers or support and handling equipment, which are common to most building systems.

The frame, which represents approximately 1/3 of the raw materials, plays an important role in the building system: not only does it characterise the final product (the window or door), but it also has a very strong ENVIRONMENTAL, SOCIAL, ECONOMIC, AESTHETIC and CULTURAL influence.

The purchase of a product such as a window or a door, with all the consequences that it entails, therefore requires an in-depth consideration which, in today's world, must necessarily go beyond a mere economic and performance assessment. In doing so, over time, it will become a much more responsible and conscious action.

## WOOD, ETERNAL BEAUTY AND REFINEMENT



CUSTOMISABLE



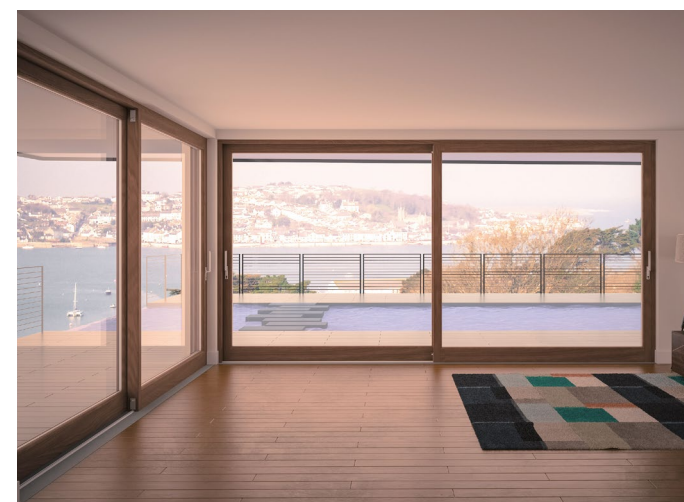
ECO-FRIENDLY AND SUSTAINABLE



LIVING MATTER CARVED BY MAN



WOODWORKING IS ART





## Specifications



### DESCRIPTION

Wooden windows built with 3-lamella glulam. Available types of wood for you to choose: pine, fir, oak, okoume, larch and others on request. Double gasket seal made of high-performance and high-durability polyurethane foam with great memory properties.



### WOOD PROTECTION

The wood undergoes a surface treatment with products made of acrylic resin emulsions. Three to six coats of treatment are applied depending on the finish and required durability.



### DIMENSIONS

Fixed glulam frame nominal section: 68 x 79 mm.  
Moveable glulam sash nominal section: 68 x 78 mm.



### HARDWARE

Standard hardware: Maico Multi-Matic. It includes a tilt and turn mechanism, a flush bolt and a micro-ventilation system. The window is complete with burglarproof strike plates and locking points along the entire perimeter.



### GASKETS AND WEATHERSTRIPPING

3-rebate window profile with a double gasket seal. Shaped glazing bead available in different models. It is silicone sealed both on the interior and exterior sides (standard procedure). Water drainage is carried out through a standard drip edge, attached to the sash, or a retrofit drip edge (available on request).



### WINDOW GLAZING

Low-E double-glazed window with a single air gap insulated with standard Argon gas, in accordance with the current legislation. The window panes vary in thickness and type (i.e. with solar control films, safety glass, soundproof glass, satin glass, and so on) depending on the customer's needs. Standard black warm-edge spacer (more types and colours available on request).



### THERMAL TRANSMITTANCE\*

The window can reach a heat insulation value (UW) of up to 1.23 W/m²K

\*in accordance with the UNI EN ISO 10077-1 and 2 standard, the heat insulation value was calculated on a 1-sash window made of fir wood of 1230 x 1480 mm size (in accordance with the UNI EN 14351-1 standard) and low-E glazing with Ug value = 1.1 (W/m²K)



### SOUND INSULATION

From 31 to 45 dB depending on the glass noise reduction value.



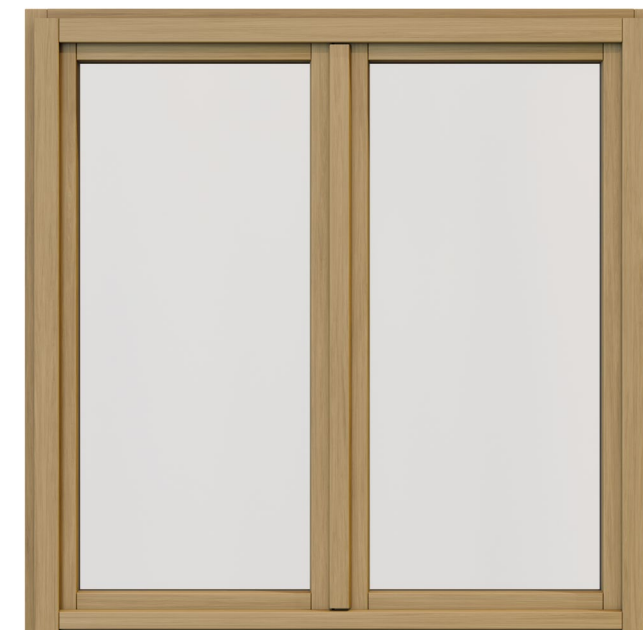
Window - Interior Angle



Window - Exterior Angle



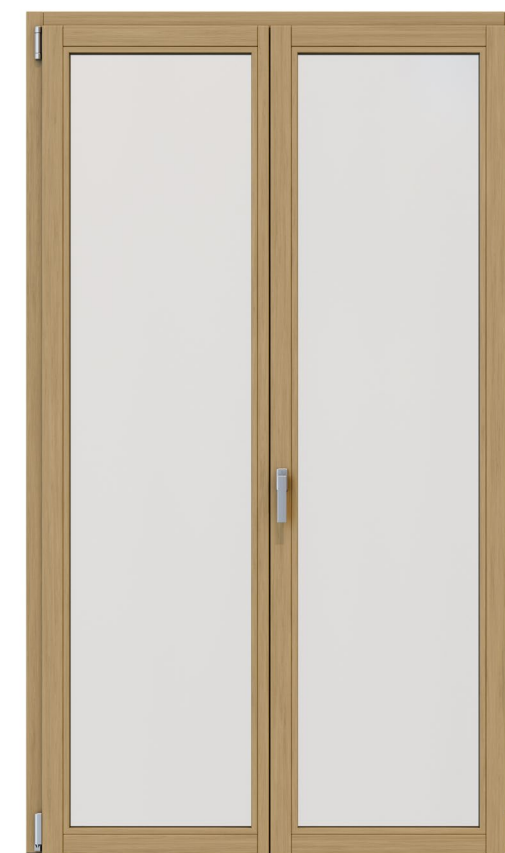
Window - Interior View



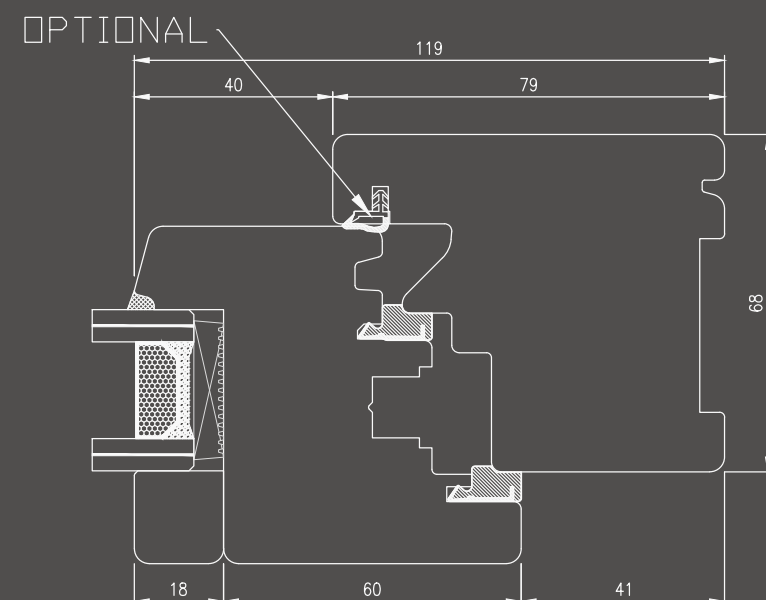
Window - Exterior View



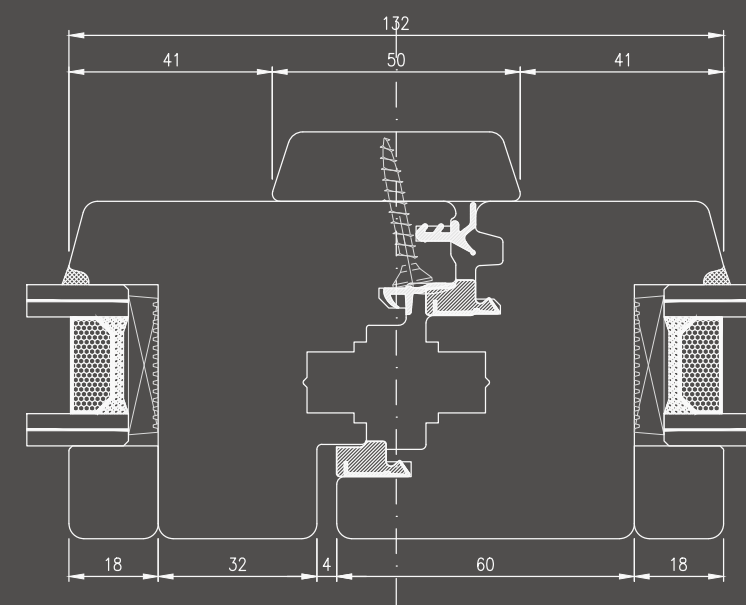
French Window - Exterior Angle



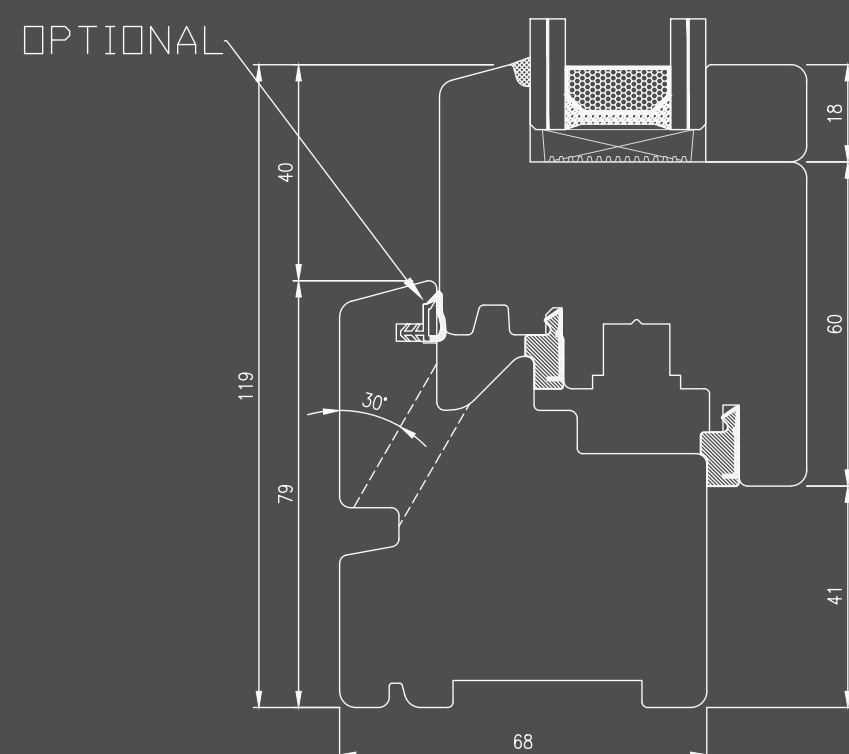
French Window - Interior View



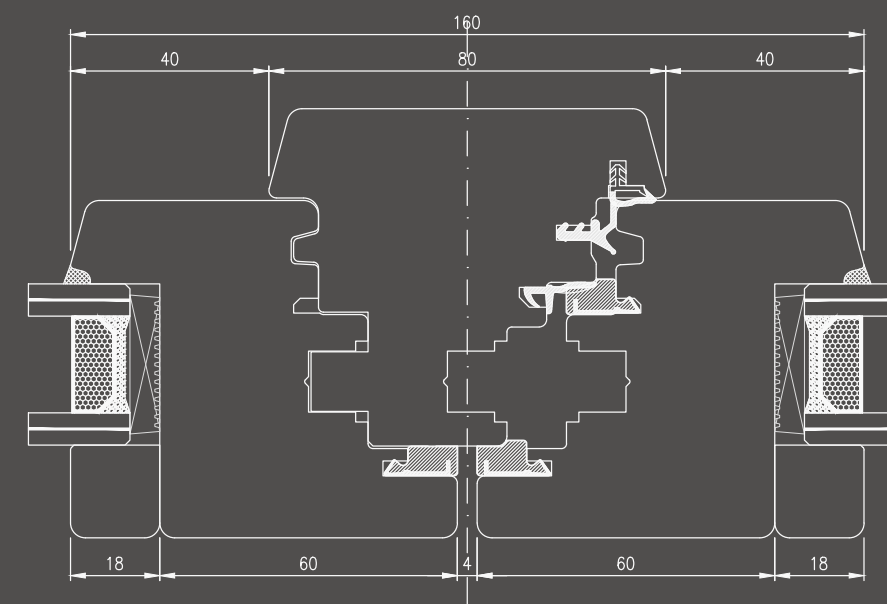
**Upper rail/lateral mullion  
(windows and French windows)**



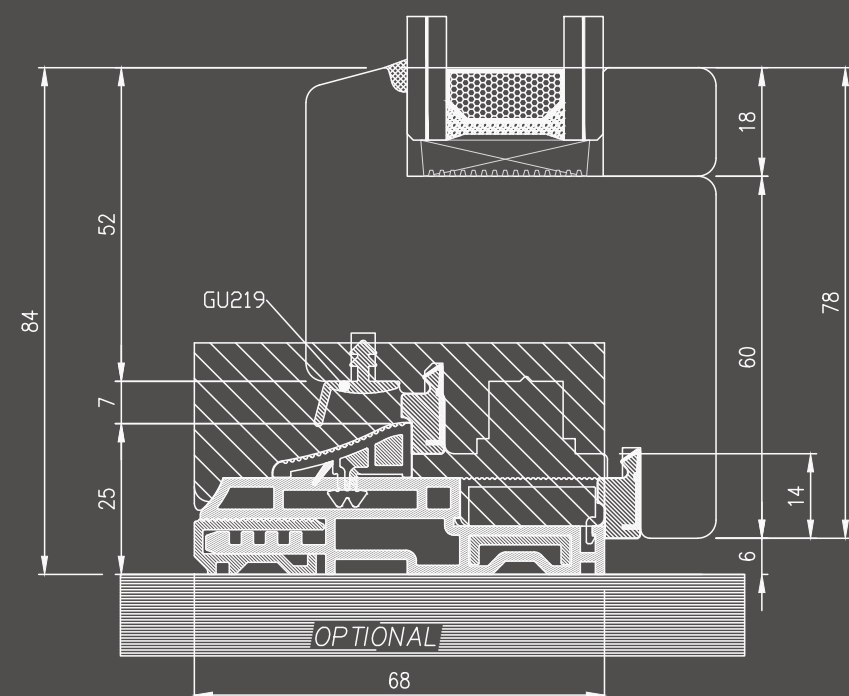
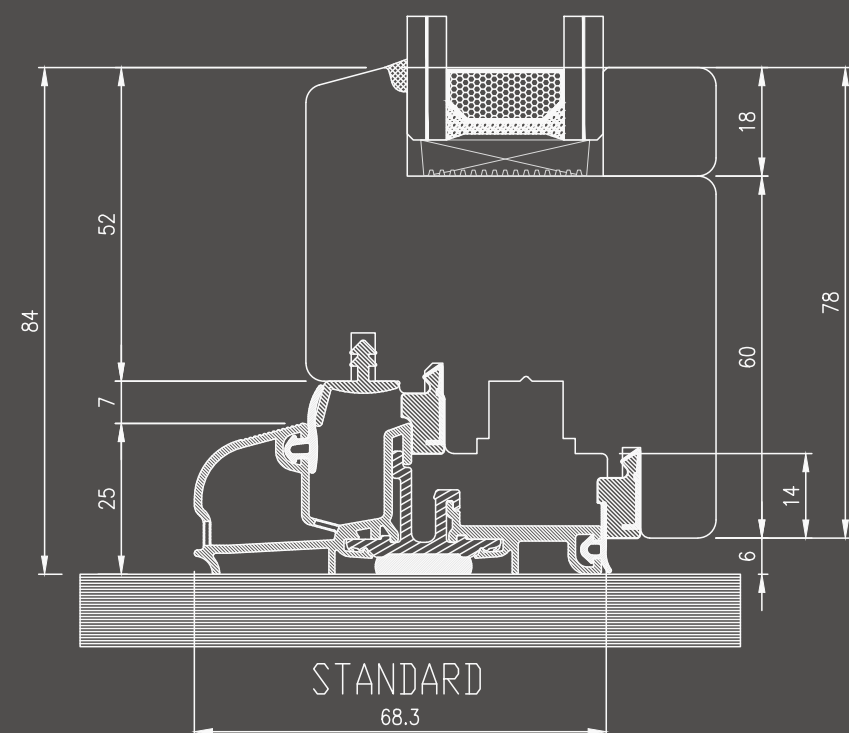
**A5 standard central mullion  
(windows and French windows)**



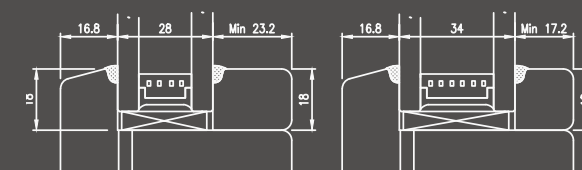
**Bottom rail with standard drip edge  
(windows)**



**A9 central mullion  
(windows and French windows)**



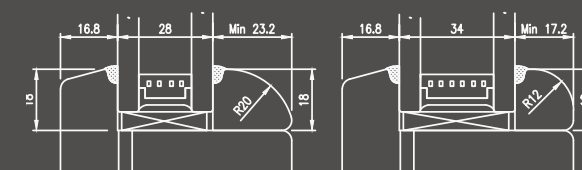
**Bottom rail  
(French windows with threshold)**



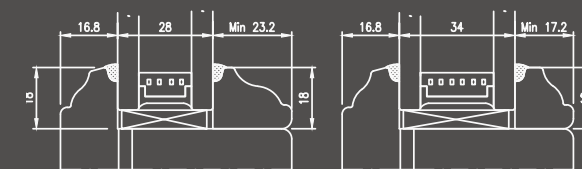
**Type 3 Glazing Bead (Squared)**



**Type 2 Glazing Bead (Beveled)**



**Type 1 Glazing Bead (Rounded)**



**Type 4 Glazing Bead (Baroque)**

**Types and styles of silicone-sealed glazing beads**



Strengths



**FINISHES OF YOUR CHOICE**  
The 32 standard finishes you can choose from are as soft as skin, as transparent as the water they're made of, as colourful as the nature they're friends with, and in tune with the trends. Moreover, you also have the option of a custom finish of your choice.



- STANDARD WARRANTY\***

  - Window functionality - 10 YEARS
  - No fogging inside the double- or triple-glazed unit - 10 YEARS
  - No delamination of the glulam profile of wooden and alu-clad wooden windows - 10 YEARS
- PREMIUM WARRANTY\***

  - Window functionality - 10 YEARS
  - Coating durability of windows painted with long-life ral 9001, 9010, 9016, 1013 - 15 YEARS\*\*
  - Coating durability of windows painted with dark long-life wood stains - 10 YEARS\*\*
  - No fogging inside the double- or triple-glazed unit - 10 YEARS
  - No delamination of the glulam profile of wooden and alu-clad wooden windows - 10 YEARS
- \*See conditions in the warranty certificate and article 5 of the general conditions of sale.  
\*\*According to the values defined by the ISO 4628-2-4-5, UNI EN 13722 and UNI 8941-1-2-3 standards



**DESIGN**  
Our windows are designed to look and feel very modern thanks to the clear lines that make up their shape. Furthermore, these up-to-date, carefully designed building systems adapt to any environment to meet our customers' needs for individuality and functionality.



A5 asymmetrical central mullion



"Type 1" rounded glazing bead



"Type 3" squared glazing bead



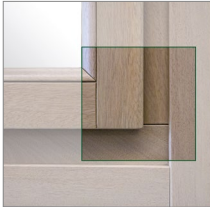
"Type 4" baroque glazing bead



"0" A6 central mullion



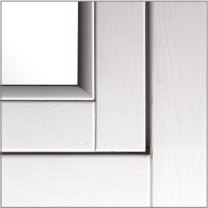
A9 symmetrical central mullion



Concealed hinge



Z-shaped frame (available option)



Flush casement with concealed hinge



T1 window trim



T2 flush window trim

Finishes

GROUP 1 – STANDARD FINISHES

Wood: Pine Colour: Natura	Wood: Pine Colour: Ambra	Wood: Okoume Colour: Ambra	Wood: Oak Colour: Ambra	Wood: Pine Colour: Cannella	Wood: Okoume Colour: Cannella
Wood: Oak Colour: Cannella	Wood: Pine Colour: Miele	Wood: Okoume Colour: Miele	Wood: Oak Colour: Miele	Wood: Pine Colour: Brandy	Wood: Okoume Colour: Brandy
Wood: Oak Colour: Brandy	Wood: Pine Colour: Moro	Wood: Okoume Colour: Moro	Wood: Oak Colour: Moro		

GROUP 2 – FINISHES WITH SURCHARGE

Wood: Pine Colour: Corda	Wood: Okoume Colour: Corda	Wood: Oak Colour: Corda	Wood: Pine Colour: Fieno	Wood: Okoume Colour: Fieno	Wood: Oak Colour: Fieno
Wood: Pine Colour: Argilla	Wood: Okoume Colour: Argilla	Wood: Oak Colour: Argilla	Wood: Pine Colour: Vinaccia	Wood: Okoume Colour: Vinaccia	Wood: Oak Colour: Vinaccia
Wood: Pine Colour: Sbiancato Cenere	Wood: Pine Colour: Ral 9010	Wood: Okoume Colour: Ral 9001	Wood: Oak Colour: Ral 1013		

Colours are for illustrative purposes only.  
They may vary.

MORE RAL COLOURS ON REQUEST

## WINDOW OPENING TYPES

### FIXED WINDOW



### FIXED FRENCH WINDOW



### WINDOWS



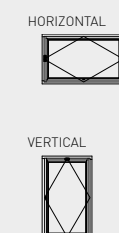
### FRENCH WINDOWS



### LOCKABLE FRENCH WINDOWS



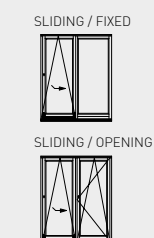
### PIVOTING WINDOW



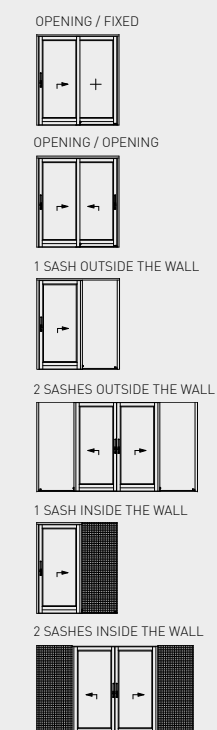
### SLIDING WINDOW



### SLIDING FRENCH WINDOW



### LIFT-AND-SLIDE FRENCH WINDOW



### SEGMENTAL ARCH



### ROUND ARCH



### TWO-CENTERED ARCH



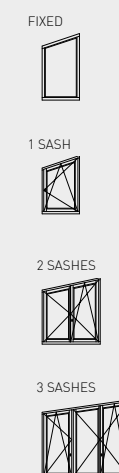
### PORTHOLE



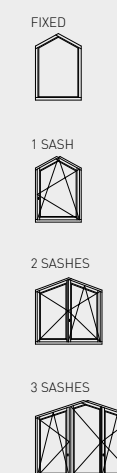
### OVAL



### TRAPEZOID



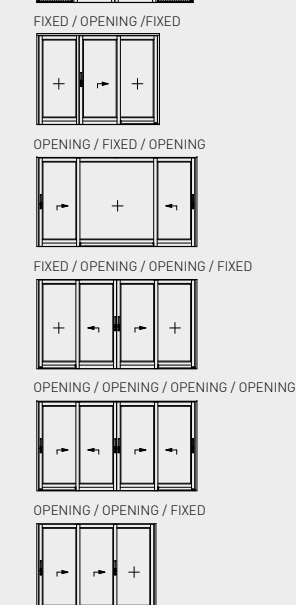
### PENTAGON



### BEVELED ANGLE



### TRIANGULAR











**GIEMME**  
Italian Windows Design



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