



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 made of glulam with a minimum of 3 lamellae. Available types of wood for you to choose: pine, fir, oak, okoume, larch and others on request. The sash has a double gasket seal made of high-performance and high-durability polyurethane foam with great memory properties. A third gasket is also placed on the frame.



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: 80 x 79 mm.
Moveable glulam sash nominal section: 80 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 triple 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 or triple-glazed window with a double 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 0.8 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 = 0.50 (W/m²K)



SOUND INSULATION

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



Window - Interior Angle



Window - Exterior Angle



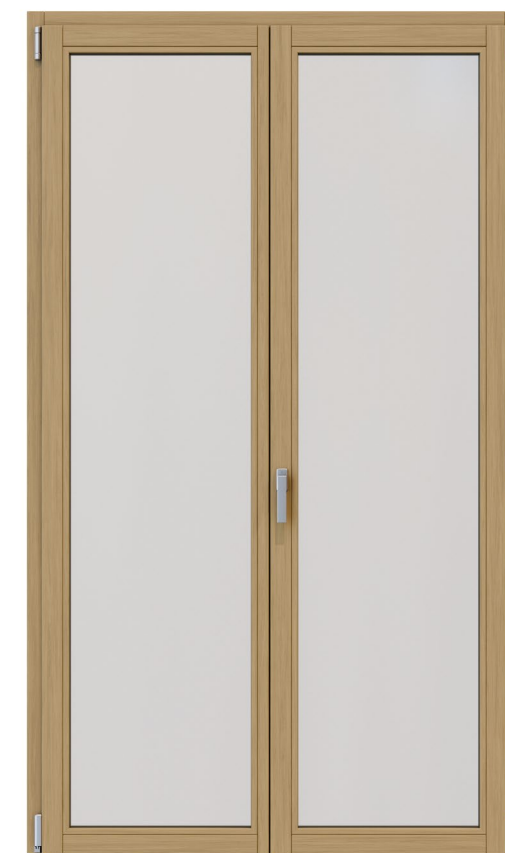
Window - Interior View



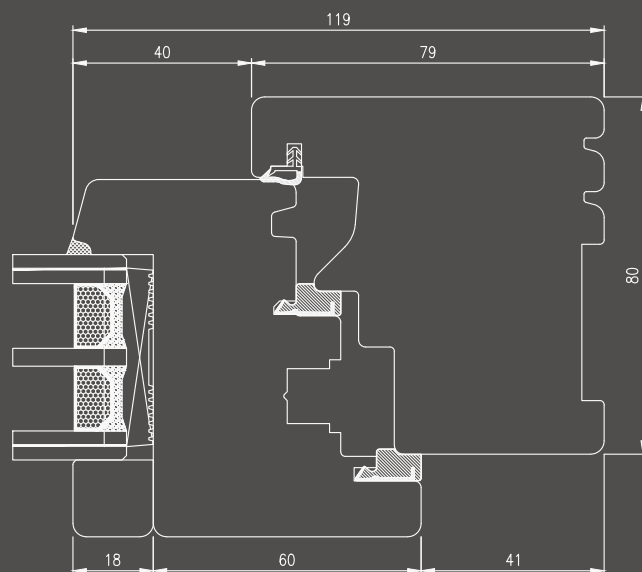
Window - Exterior View



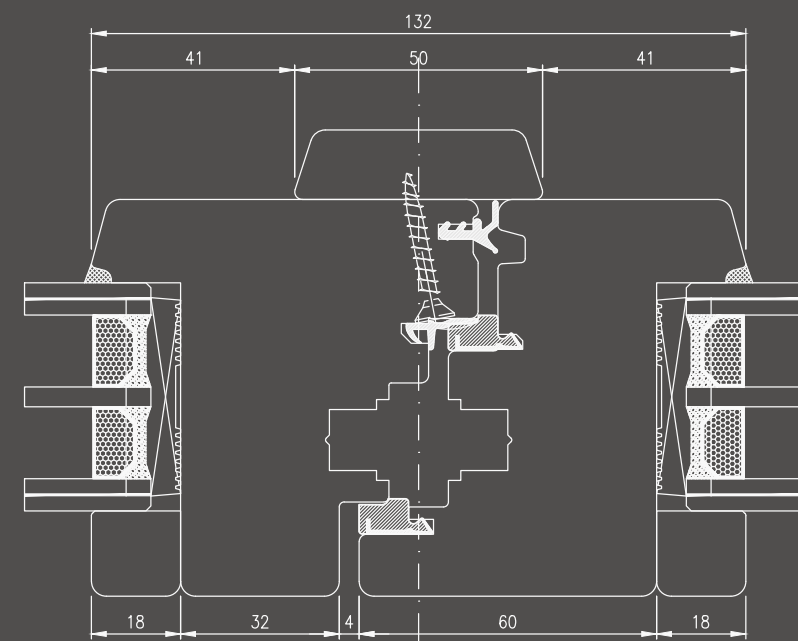
French Window - Exterior Angle



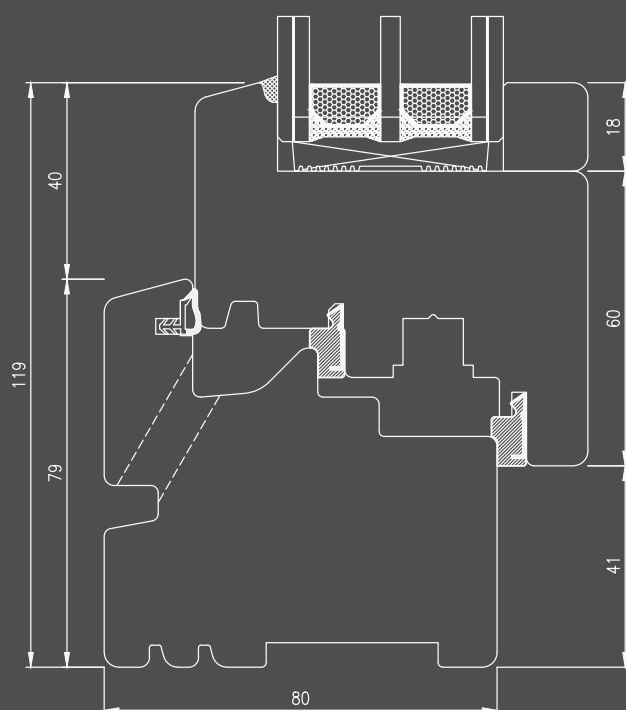
French Window - Interior View



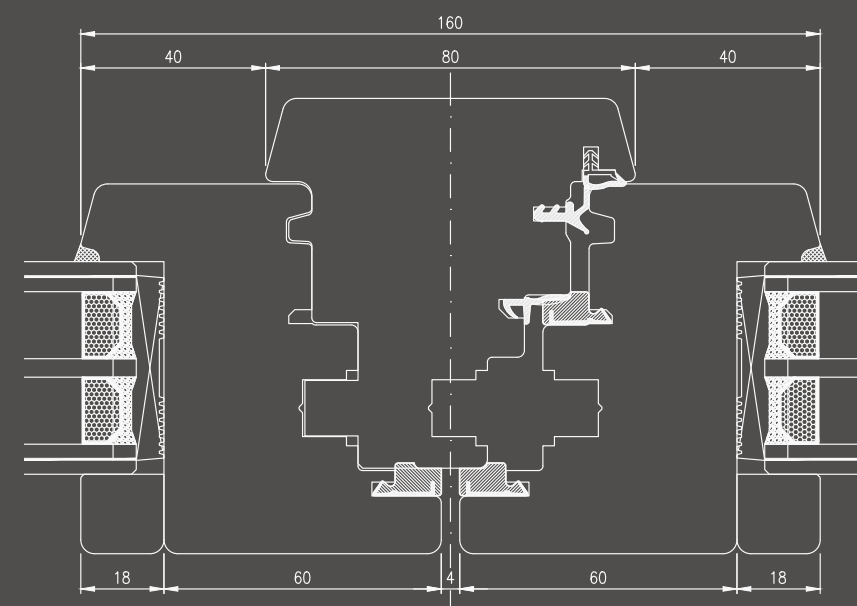
**Upper rail/lateral mullion
(windows and French windows)**



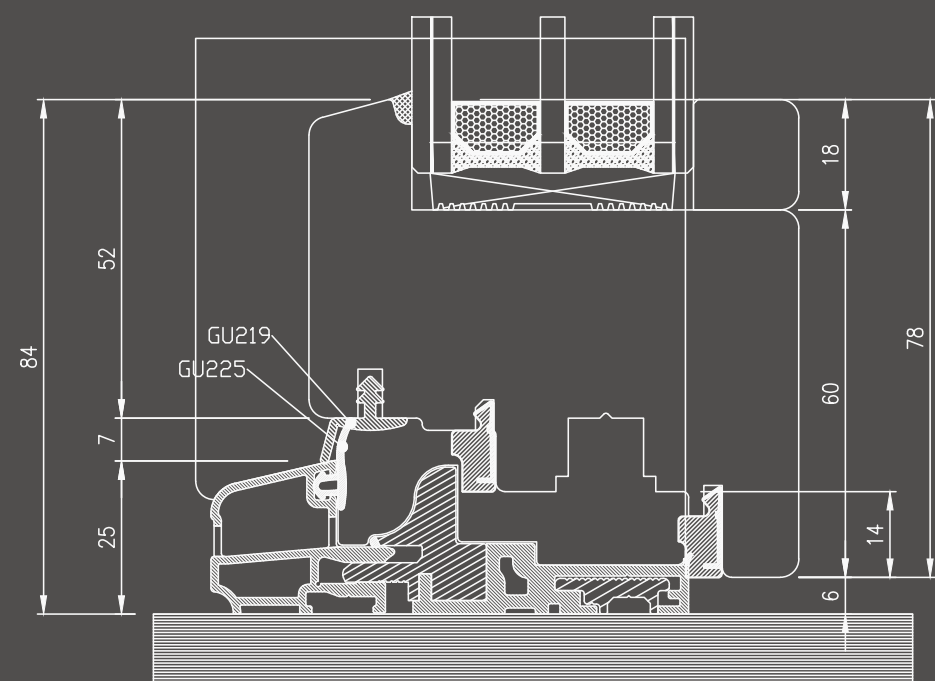
**A5 standard central mullion
(windows and French windows)**



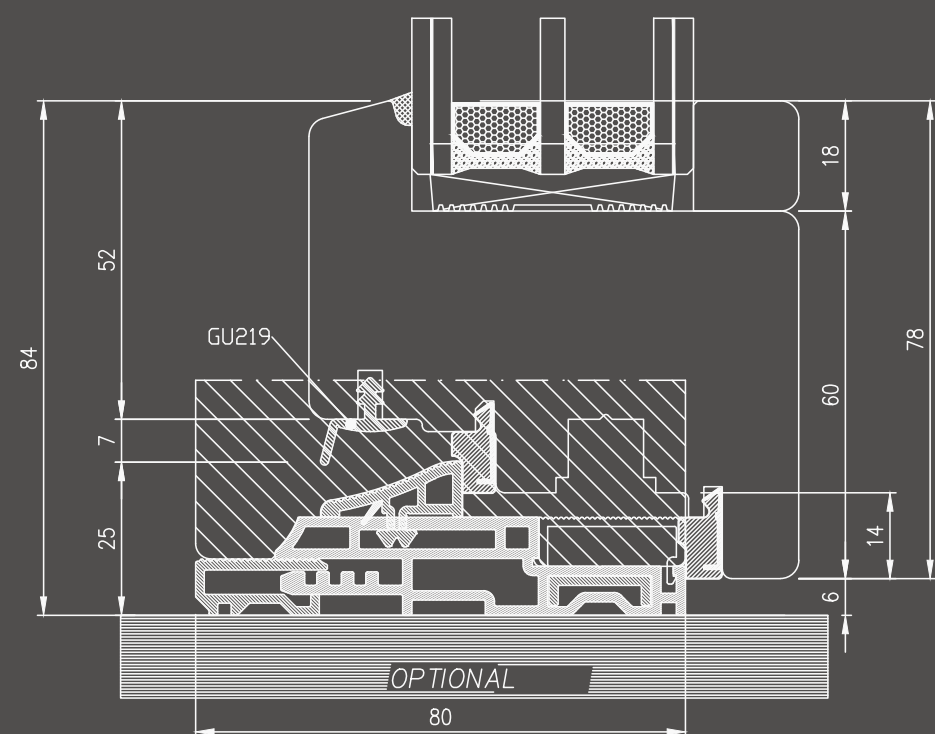
**Bottom rail with standard drip edge
(windows)**



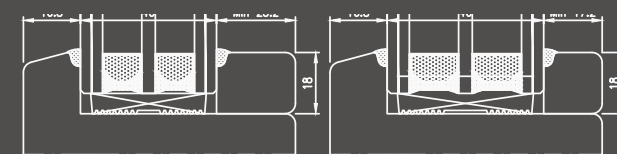
**A9 central mullion
(windows and French windows)**



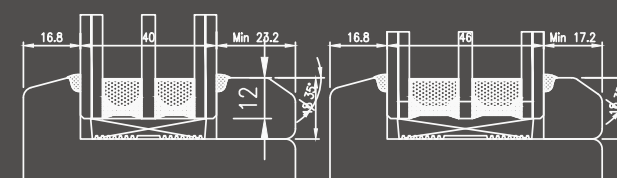
STANDARD



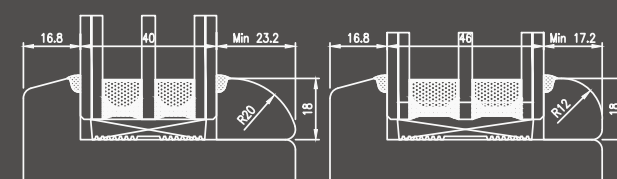
Bottom rail
(French windows with threshold)



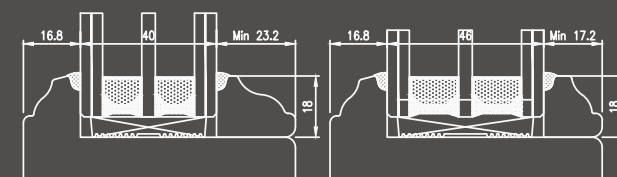
Type 3 Glazing Bead (Squared)



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

*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



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



DESIGN

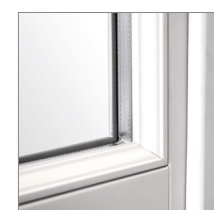
Our windows are designed to look and feel very modern thanks to the clear lines that make up their shape. Furthermore, these up-to-date, carefully designed building systems adapt to any environment to meet our customers' needs for individuality and functionality.



"Type 1" rounded glazing bead



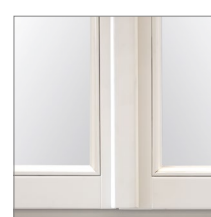
"Type 3" squared glazing bead



"Type 4" baroque glazing bead



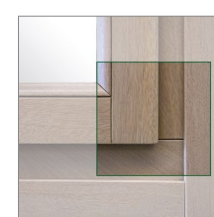
A5 asymmetrical central mullion



"0" A6 central mullion



A9 symmetrical central mullion



Concealed hinge



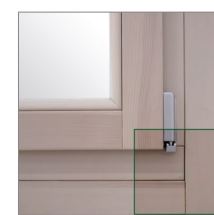
Z-shaped frame (available option)



Flush casement with concealed hinge



T1 window trim



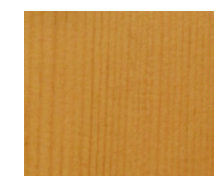
T2 flush window trim

Finishes

GROUP 1 - STANDARD FINISHES



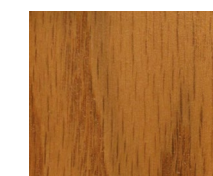
Wood: Pine
Colour: Natura



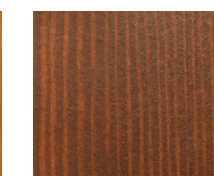
Wood: Pine
Colour: Ambra



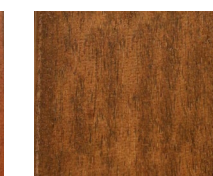
Wood: Okoume
Colour: Ambra



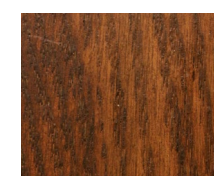
Wood: Oak
Colour: Ambra



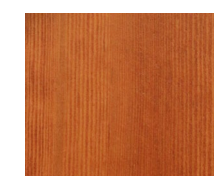
Wood: Pine
Colour: Cannella



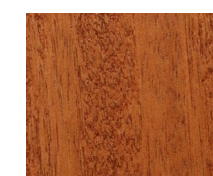
Wood: Okoume
Colour: Cannella



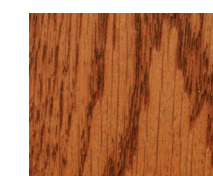
Wood: Oak
Colour: Cannella



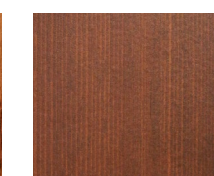
Wood: Pine
Colour: Miele



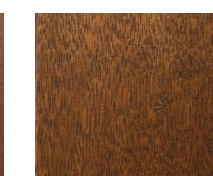
Wood: Okoume
Colour: Miele



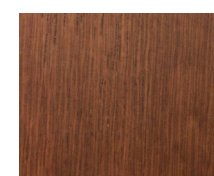
Wood: Oak
Colour: Miele



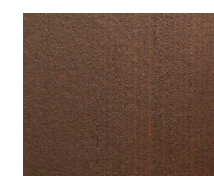
Wood: Pine
Colour: Brandy



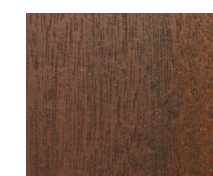
Wood: Okoume
Colour: Brandy



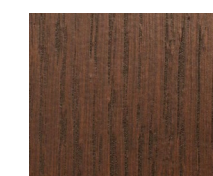
Wood: Oak
Colour: Brandy



Wood: Pine
Colour: Moro

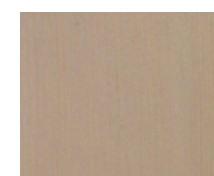


Wood: Okoume
Colour: Moro

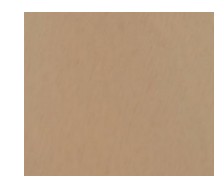


Wood: Oak
Colour: Moro

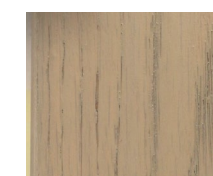
GROUP 2 - FINISHES WITH SURCHARGE



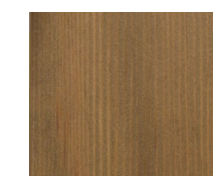
Wood: Pine
Colour: Corda



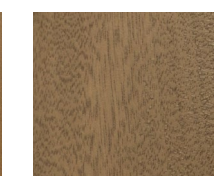
Wood: Okoume
Colour: Corda



Wood: Oak
Colour: Corda



Wood: Pine
Colour: Fieno



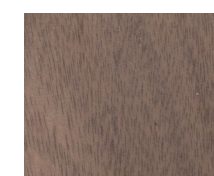
Wood: Okoume
Colour: Fieno



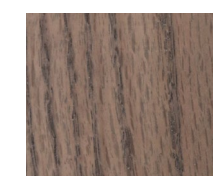
Wood: Oak
Colour: Fieno



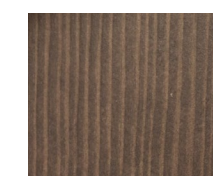
Wood: Pine
Colour: Argilla



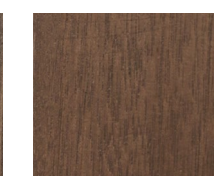
Wood: Okoume
Colour: Argilla



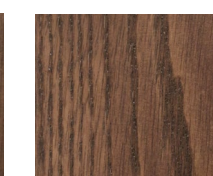
Wood: Oak
Colour: Argilla



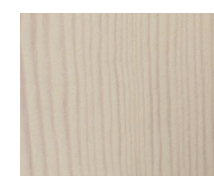
Wood: Pine
Colour: Vinaccia



Wood: Okoume
Colour: Vinaccia



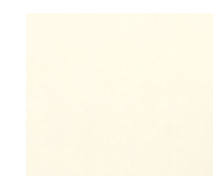
Wood: Oak
Colour: Vinaccia



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



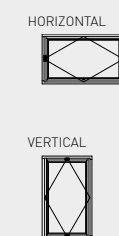
FRENCH WINDOWS



LOCKABLE FRENCH WINDOWS



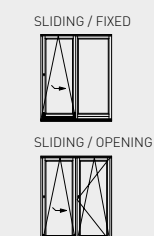
PIVOTING WINDOW



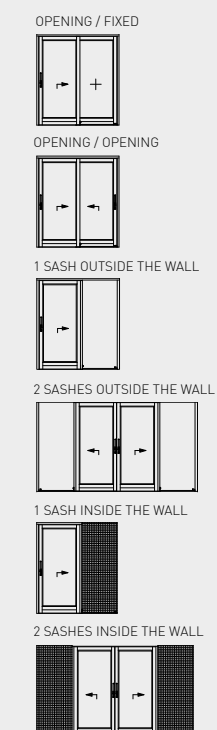
SLIDING WINDOW



SLIDING FRENCH WINDOW



LIFT-AND-SLIDE FRENCH WINDOW



SEGMENTAL ARCH



ROUND ARCH



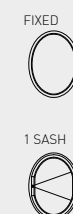
TWO-CENTERED ARCH



PORTHOLE



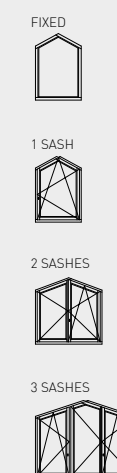
OVAL



TRAPEZOID



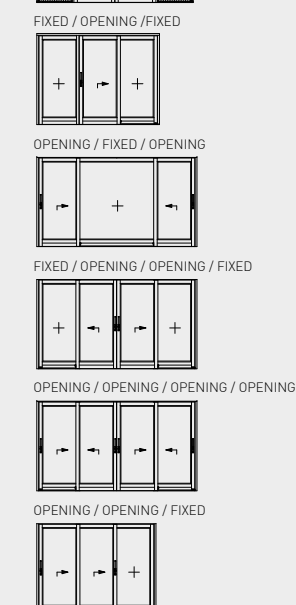
PENTAGON



BEVELED ANGLE



TRIANGULAR







GIEMME
Italian Windows Design



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