

Lift-and-slide
LUMIA 38



Wooden Windows and French Doors / MINIMAL



MINIMAL series

Wooden window and French doors



Spaces that open, light that inspires. Introducing LUMIA 38: the minimalist wood-aluminium sliding system that blends elegance, innovation, and comfort.

Pure lines, slim profiles, and harmonious proportions define a window system that blends the **warmth of wood** with the **strength and modernity of aluminium**. With **LUMIA 38**, minimalist aesthetics meet maximum functionality, enhancing every space with light, balance, and contemporary elegance.

The sash slides with exceptional smoothness, opening up wide, uninterrupted views between indoors and outdoors. The structure, solid and refined, **ensures excellent thermal, acoustic, and sealing performance**, while the low threshold guarantees comfort and accessibility in every living environment.

Not just a sliding system, but a true design element that defines the home as a space of well-being and everyday beauty. **The wood on the interior** adds warmth and natural character, while the **aluminum on the exterior** ensures protection, durability, and a clean aesthetic—ideal for modern architecture and high-end renovations.

LUMIA 38 is the choice for those who seek **essential design, premium materials, and advanced technology** in a single solution.

A window system that stands the test of time and enhances natural light — allowing you to experience your home every day with comfort and harmony.

WOOD: TIMELESS BEAUTY AND REFINEMENT



OPENINGS WITHOUT LIMITS:
THE WOOD LIFT-AND-SLIDE SYSTEM FOR LARGE OPENINGS.



LIGHT, MATERIAL, DESIGN:
THE PERFECT HARMONY BETWEEN WOOD AND ALUMINIUM.



ESSENTIAL PROFILES:
THE MINIMALIST SLIDING SYSTEM THAT ENHANCES SPACES WITH LIGHT.

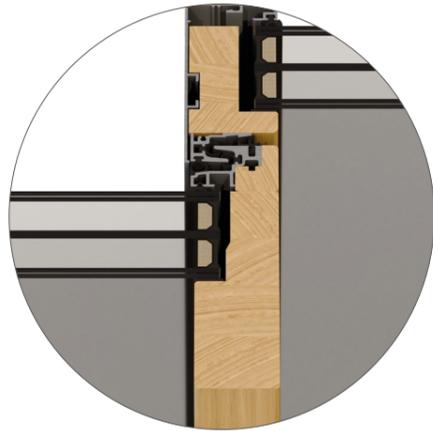


WIDE VIEWS, MINIMAL VOLUMES:
LIGHT BECOMES THE PROTAGONIST.



Lift-and-Slide LUMIA 38

INTERIOR VIEW



CENTRAL MULLION PROFILE OF ONLY 38 MM.



Focused on aesthetics but built on solid foundations. **Climatech threshold** for enhanced thermal insulation and security.



HOOK LOCK SYSTEM
- TRULY SECURE!

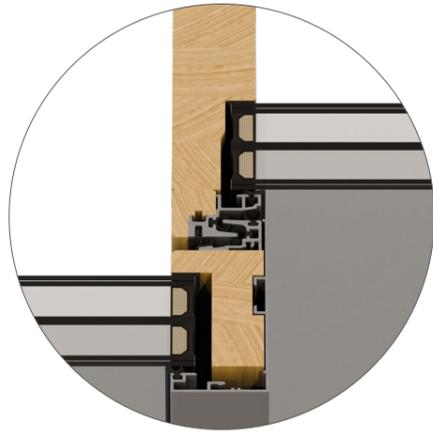


38 MM CENTRAL MULLION PROFILE WITH AN INTEGRATED LABYRINTH SEALING SYSTEM FOR SUPERIOR CLOSING PERFORMANCE.



Lift-and-Slide LUMIA 38

EXTERNAL VIEW



CENTRAL MULLION PROFILE OF
ONLY 38 MM.



PROFILE FULLY CLAD
IN ALUMINIUM ON THE
EXTERIOR SIDE.

FIXED FULL-GLASS
SECTION, WITHOUT
VISIBLE SASH
PROFILE

FEATURES



DESCRIPTION

Minimal-design window systems, defined by **slim profiles and essential lines**, ideal for enhancing modern, light-filled spaces with seamless continuity between indoors and outdoors.

LUMIA 38 combines the **warmth of interior wood with the strength and modernity of exterior aluminium**, achieving the **perfect balance of aesthetics, durability, and performance**.

The **sash profile without glazing beads enhances the purity of form and the linearity of surfaces**, resulting in an even cleaner, more elegant, and contemporary design.

Made of **glued laminated timber**, available in different species — **pine, fir, oak, okoumé, larch**, or others upon request — **LUMIA 38** elegantly interprets the concept of natural and technological minimalism.



WOOD PROTECTION

Protective treatment with a **water-based acrylic resin coating system**, applied in **3 to 6 coats** depending on the selected finish and the required level of protection. Natural or pigmented finishes are available to enhance the wood grain or adapt to any architectural style.



DIMENSIONS

- **Fixed frame in glulam wood:** nominal section **221 × 45 mm**
- **Movable sash in glulam wood:** nominal section **120 × 38 mm**
- **Slim, optimized profiles** designed to maximize the glazed surface and natural light intake.



HARDWARE

Standard **AGB** hardware with an advanced **locking system and concealed anti-burglary locking** points for enhanced security. Smooth, high-durability mechanisms designed for long-lasting performance and effortless operation. Load capacity up to **400 kg per sash**.



SEALING AND GASKETS

Compression sealing system with **high-performance elastic gaskets** distributed along the entire perimeter, ensuring excellent protection against air, water, and noise infiltration.

Squared, integrated glazing bead, enhancing the clean and linear aesthetic design.



GLAZING UNIT

Designed for the installation of **high-performance double or triple glazing units filled with Argon gas and equipped with a standard Warm Edge spacer**, ensuring excellent thermal and acoustic insulation.

Double glazing can achieve a **Ug value of 1.0 W/m²K**, while **triple glazing** can reach up to **0.5 W/m²K**, guaranteeing maximum comfort and energy efficiency throughout the year.

Depending on project requirements, the system can be configured with **low-emissivity, solar-control, acoustic, safety, or satin and decorative glass**, providing maximum flexibility in terms of aesthetics, functionality, and performance.



THERMAL TRANSMITTANCE - LUMIA 38*

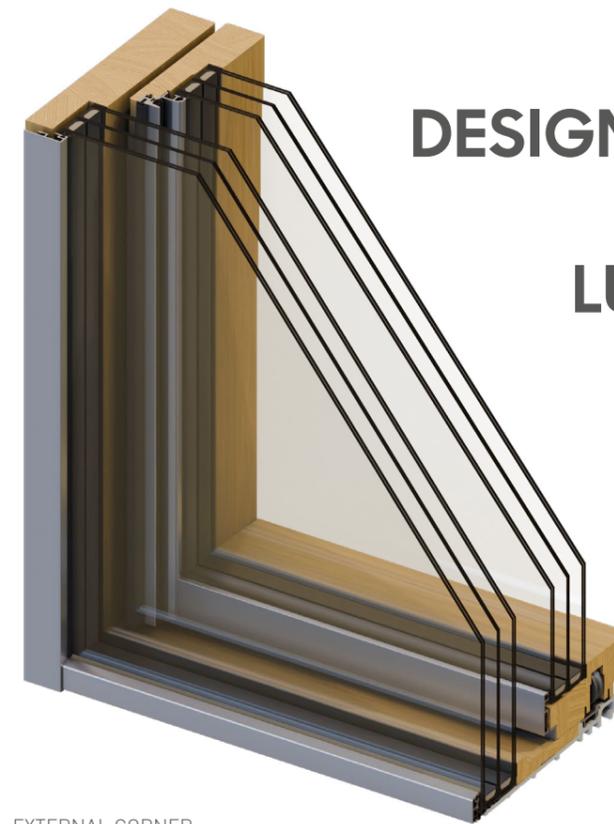
Thermal insulation values achievable up to **Uw = 0.90 W/m²K**, depending on the glazing configuration and the type of wood species used.

Calculation performed on a Lift-and-Slide system (operable + fixed), dimensions **3200 × 2500 mm**, fir wood, with glazing unit **Ug = 0.6 W/m²K**, in accordance with **UNI EN ISO 10077-1 and 10077-2**.



ACOUSTIC PROTECTION

Sound reduction values ranging from **31 dB to 45 dB**, depending on the selected glazing type. Special glazing solutions are available for high acoustic performance requirements, including custom configurations outside the standard range.



EXTERNAL CORNER

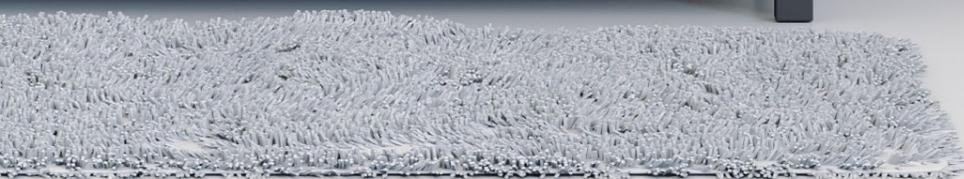
DESIGN AND FUNCTIONALITY WITH THE MINIMAL LUMIA 38 COLLECTION

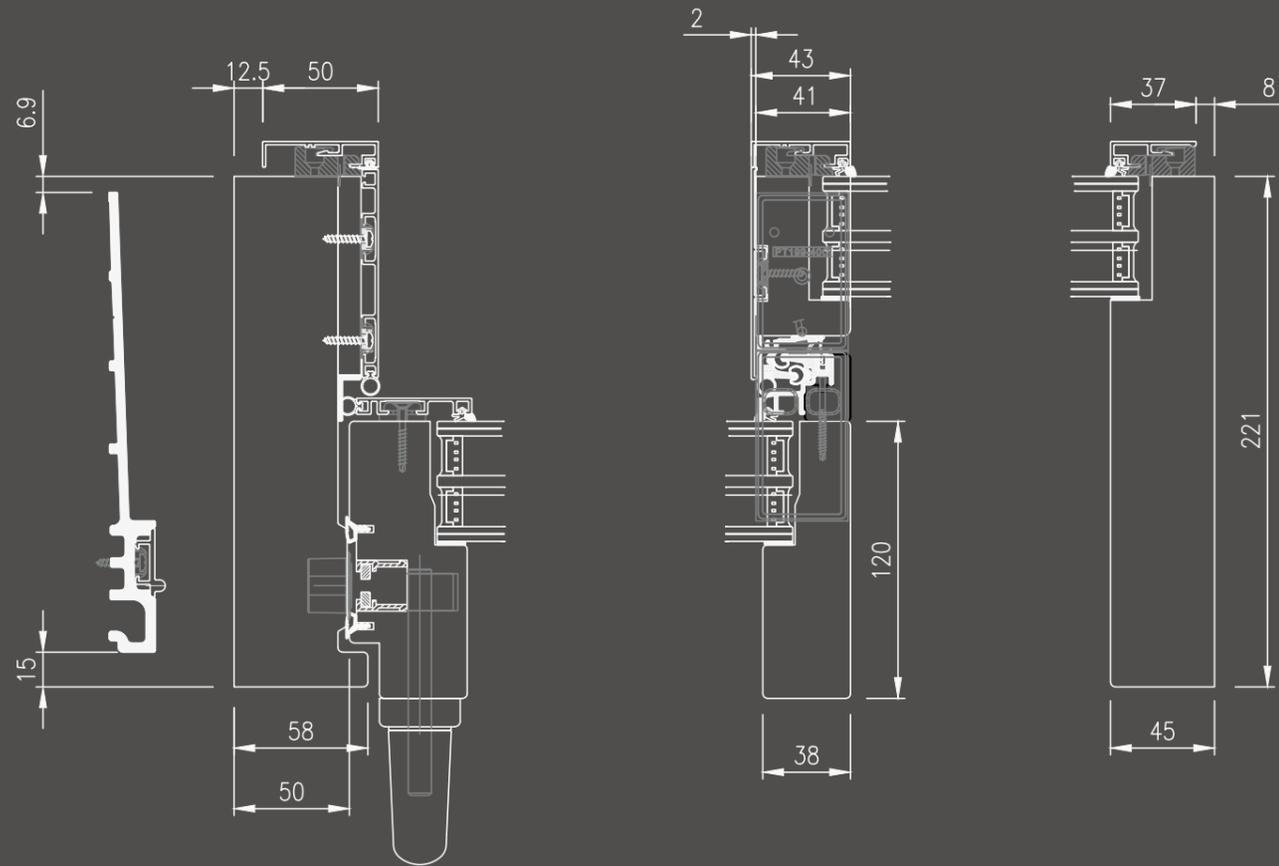


INTERNAL CORNER

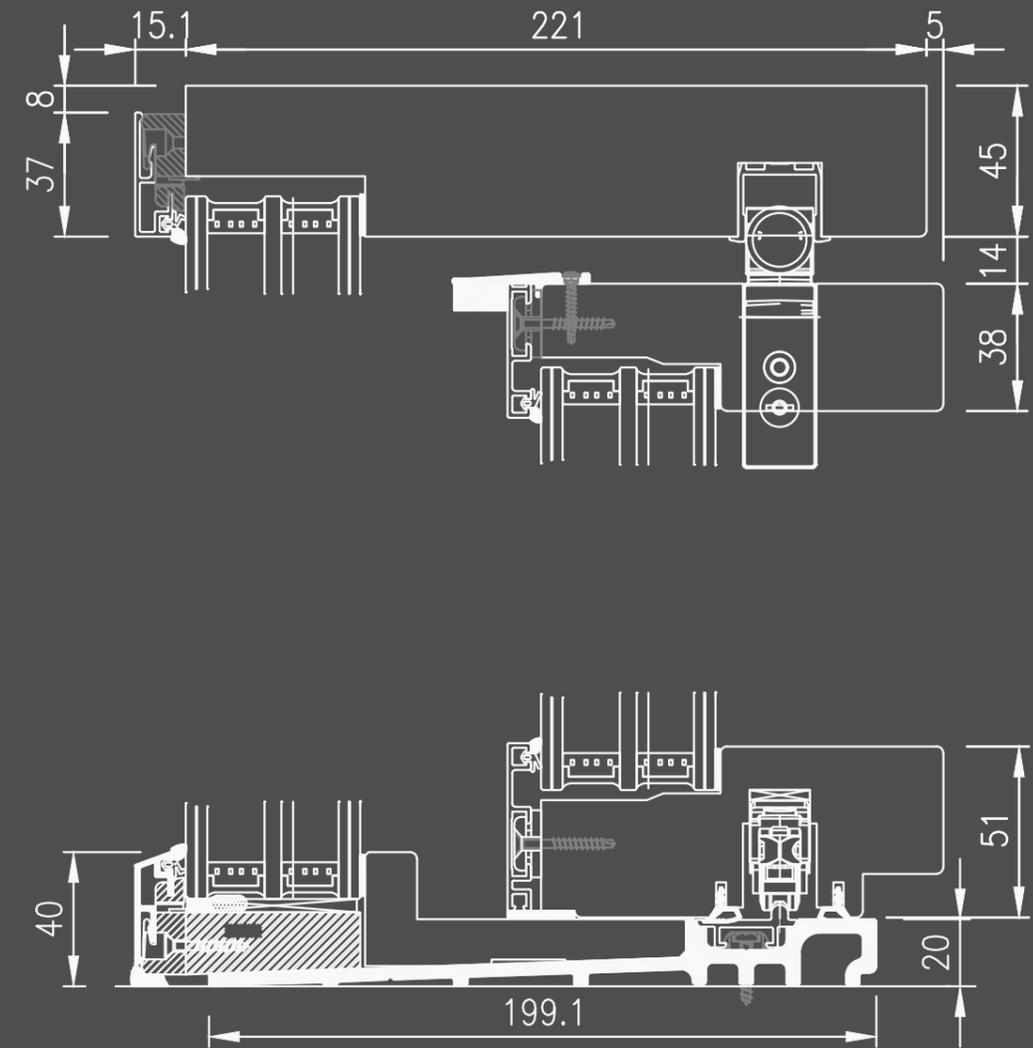
Lift-and-Slide
LUMIA 38

POSSIBLE
SCENARIOS





Horizontal central mullion lift-and-slide profile
LUMIA 38



Vertical central section - wood lift-and-slide system
LUMIA 38

Key Strengths



CUSTOM FINISHES

The 32 standard wood finishes can be chosen, with further customization options available. In addition, there is a wide range of choices for the external aluminum cover, which can be finished in any RAL color or a wood-effect. The external cover is welded at the corners for improved aesthetics and long-lasting durability (only for solid color finishes).



STANDARD WARRANTY*

- Window functionality – 10 YEARS
- No internal fogging of the glass unit – 10 YEARS
- No delamination of the laminated wood profiles in wooden or wood/aluminum windows – 10 YEARS

PREMIUM*

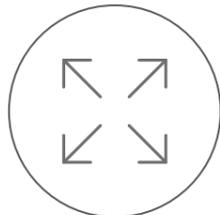
- Window functionality – 10 YEARS
- Durability of paint on long-life painted windows in RAL 9001, 9010, 9016, 1013 – 15 YEARS**
- Durability of paint on long-life painted windows in dark stained colors – 10 YEARS**
- No internal fogging of the glass unit – 10 YEARS
- No delamination of laminated wood profiles in wooden or wood/aluminum windows – 10 YEARS

* See the conditions stated in the warranty certificate and Article 5 of the general sales conditions.
 ** According to the values defined by ISO 4628-2-4-5, UNI EN 13722, UNI 8941-1-2-3 standards.

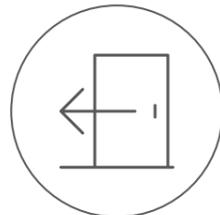


DESIGN

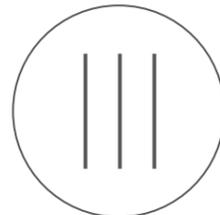
Our sliding systems feature a contemporary aesthetic, reflecting a clear language of form. Modern construction systems, focused on attention to detail, can be adapted to any environment to meet our clients' needs for individuality and functionality.



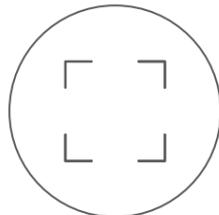
Available in large-size configurations



Various opening types available



Customizable handle design to match other handles



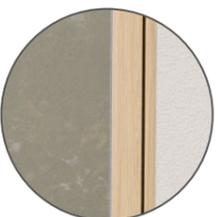
Slim profile – 38 mm on three sides.



Climatech threshold for enhanced thermal insulation and security



38mm central jamb with labyrinth system for smooth closure



Installation system that conceals the frame



Hook lock system – truly secure!

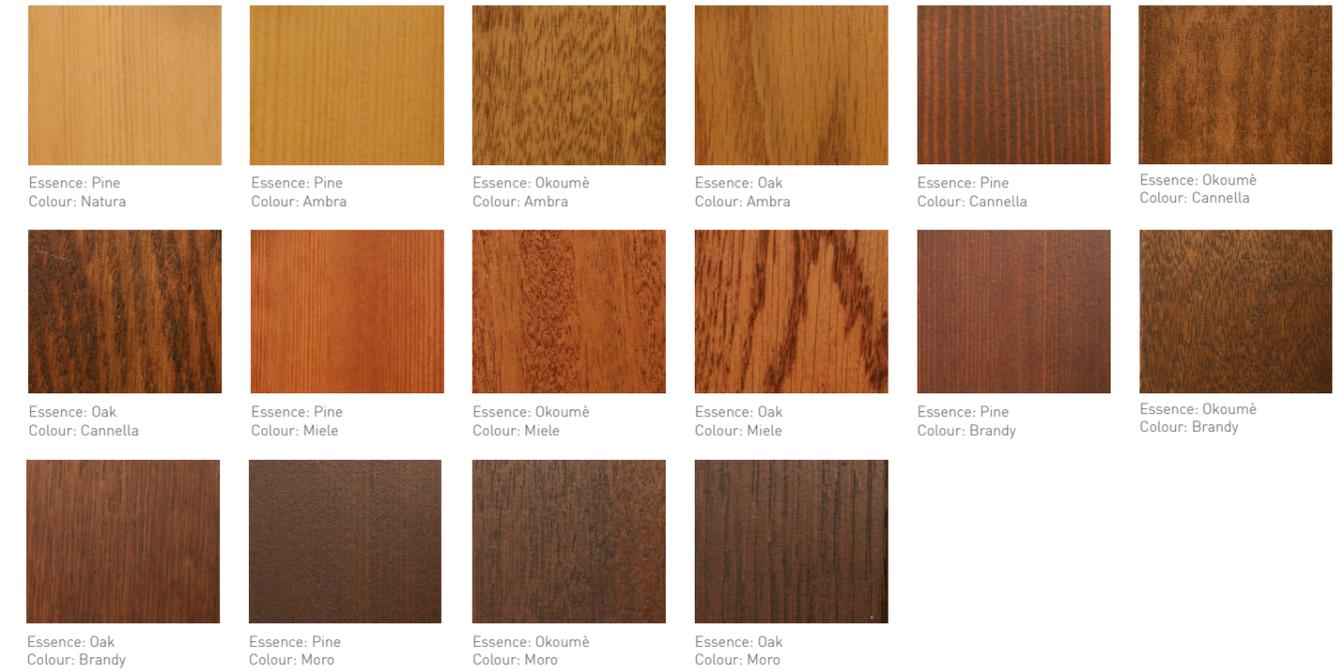


ENERGY SAVINGS

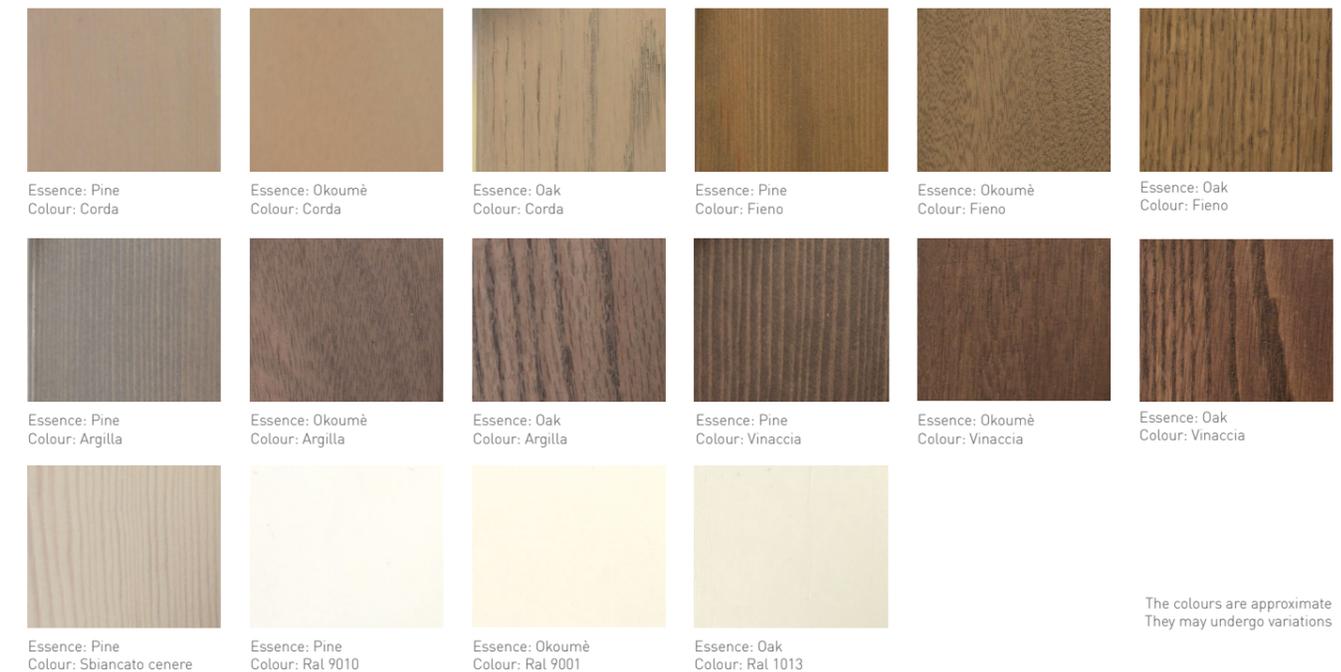
Waterproofing, profiles, glass with synthetic spacer, gaskets, and installation without thermal bridges all significantly contribute to energy savings and, consequently, lower utility bills.

Finishes

RANGE 1 STANDARD



RANGE 2 - WITH SURCHARGE



The colours are approximate. They may undergo variations.

OTHER COLOURS ON REQUEST.

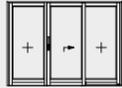
Opening Types

LIFT-AND-SLIDE

OPENABLE / FIXED



FIXED / OPENABLE / FIXED



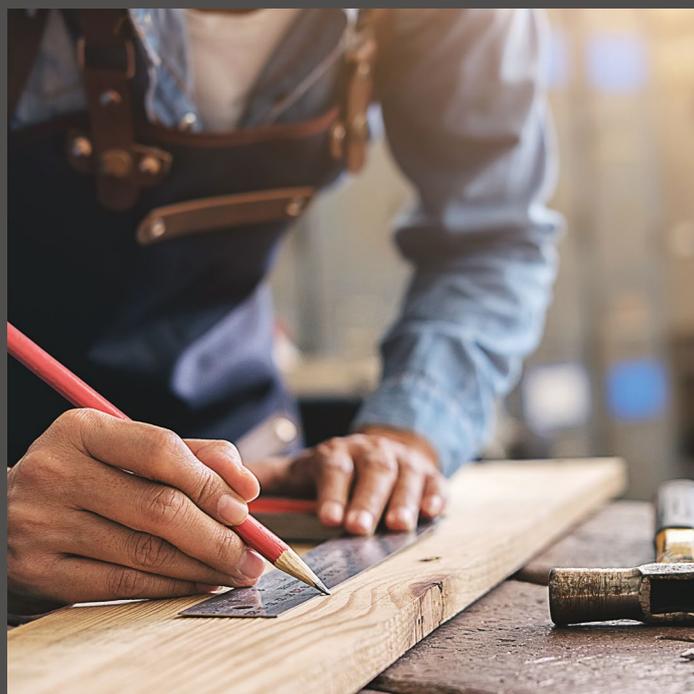
OPENABLE / FIXED / OPENABLE



FIXED / OPENABLE / OPENABLE / FIXED







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Italian Windows Design



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VERS. LM38 / PRINT 03-26

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