

Lift-and-slide
SKY WOOD 50

Wooden Windows and French Doors / MINIMAL



MINIMAL series

Wooden window and French doors



Spaces that open up, light that furnishes. Introducing **SKY WOOD 50**: the wooden lift-and-slide system that combines nature, technology, and design.

Essential lines, slim profiles, expansive openings to the outdoors. With **SKY WOOD 50**, the beauty of wood merges with the elegance of contemporary minimalism, creating a window and door system designed to enhance every space with warmth, light, and style.

The sash, with its slim profile, glides effortlessly, opening up unobstructed views. The lift-and-slide system is engineered for maximum comfort and functionality: smooth operation, low threshold, and high thermal, acoustic, and weatherproof performance.

A window that is not just an architectural element, but an integral part of the living experience. Wood, expertly crafted and treated with cutting-edge technologies, brings authenticity, durability, and a natural touch to both modern and traditional interiors.

SKY WOOD 50 is the conscious choice for those seeking quality, beauty, and sustainability in a single product. An investment over time, it not only protects and insulates but also enhances the home with aesthetic value and everyday comfort.

WOOD: TIMELESS BEAUTY AND REFINEMENT



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



LARGE GLAZED SURFACES, MINIMAL FOOTPRINT:
WOOD THAT OPENS UP TO LIGHT.



SLIM PROFILES, EXPANSIVE VIEWS:
THE NATURAL COMFORT OF THE WOODEN LIFT-AND-SLIDE SYSTEM.



SILENCE, WARMTH, AND PROTECTION:
COMFORT TAKES SHAPE.

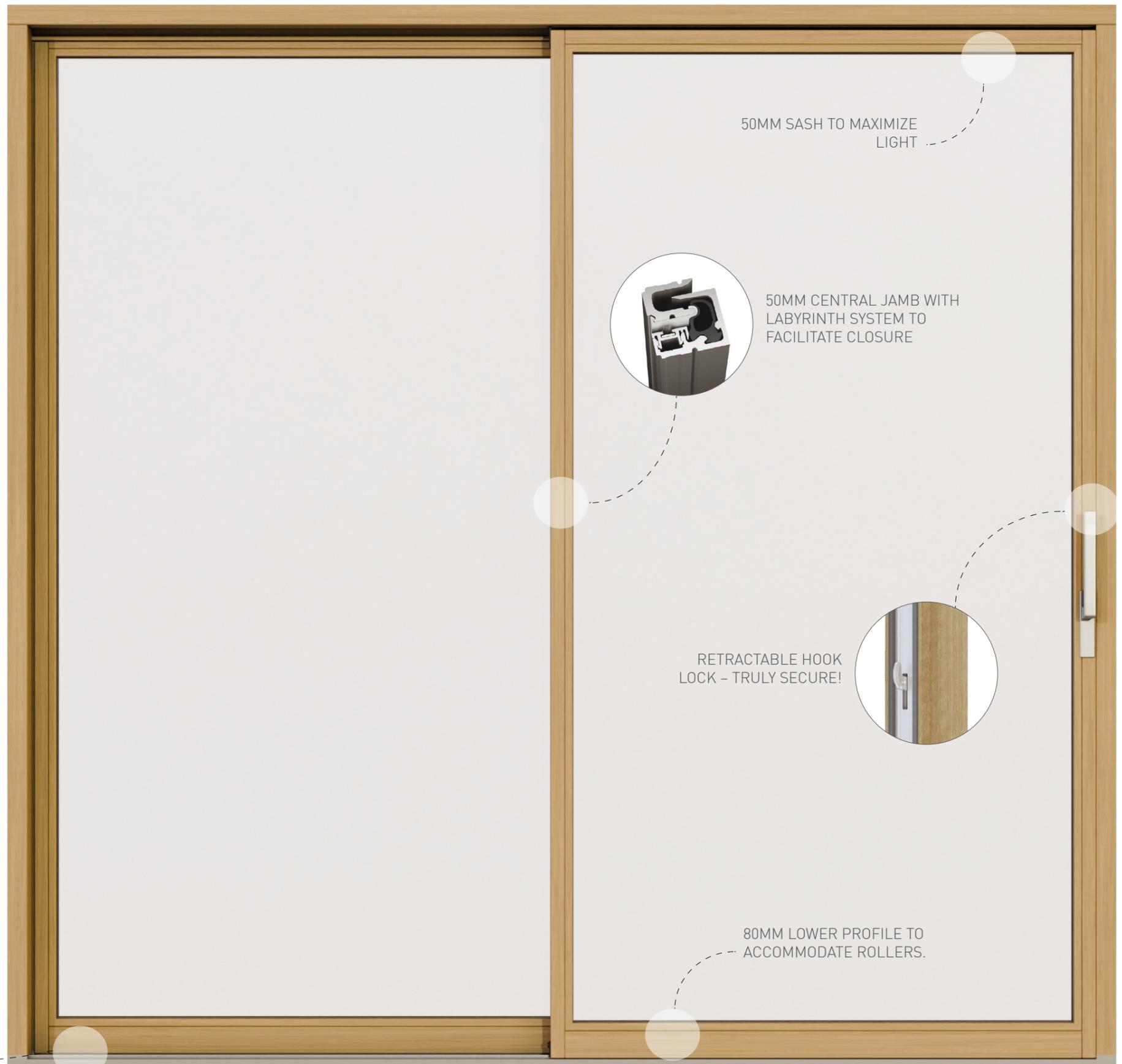


Lift-and-Slide SKY WOOD 50

INTERIOR VIEW



FOCUSED ON AESTHETICS BUT BUILT ON SOLID FOUNDATIONS. **CLIMATECH THRESHOLD** FOR ENHANCED THERMAL INSULATION AND SECURITY.



50MM SASH TO MAXIMIZE LIGHT



50MM CENTRAL JAMB WITH LABYRINTH SYSTEM TO FACILITATE CLOSURE



RETRACTABLE HOOK LOCK - TRULY SECURE!

80MM LOWER PROFILE TO ACCOMMODATE ROLLERS.

Lift-and-Slide
SKY WOOD 50

FOR THOSE WHO
SETTLE FOR
NOTHING LESS.



FEATURES



DESCRIPTION

Windows and doors with a **minimal design**, featuring **slim profiles** and clean lines, ideal for enhancing modern, bright spaces that open up to the outdoors. Made of **laminated wood**, available in a wide range of species: **pine, fir, oak, okoumé**, or others upon request. Available with 68mm and 78mm profile thickness.



WOOD PROTECTION

Protective treatment **with a cycle based on acrylic resin in water emulsion**, applied in **3-4 coats** depending on the finish and required level of protection. Natural or pigmented finishes to enhance the wood grain or match any architectural style.



DIMENSIONS

- **Fixed laminated wood frame (68mm section):** nominal section **164 x 45 mm**
- **Fixed laminated wood frame (78mm section):** nominal section **184 x 45 mm**
- **Moving laminated wood sash (68mm section):** nominal section **68 x 50 mm**
- **Moving laminated wood sash (78mm section):** nominal section **78 x 50 mm**
- Slim and optimized profiles to maximize glazed surface and natural light intake.



HARDWARE

Standard hardware with an advanced locking system featuring **concealed anti-burglary hooks** for effective security. Smooth and durable mechanisms, designed to last over time and ensure effortless operation. Load capacity up to 400 kg per sash.



SEALING AND WEATHERPROOFING

Compression-seal system with **high-performance elastic gaskets** distributed around the entire perimeter. Provides excellent protection against air, water, and noise.

Shaped glazing bead available in various styles, allowing customization of the interior profile to suit the client's aesthetic preferences (square, rounded, or modern shapes).



GLAZING UNIT

Designed for high-performance **double or triple glazing**, with **Argon gas** and **Warm Edge spacer** included as standard. Wide range of options available:

- Low-emissivity
- Solar control
- Acoustic
- Safety
- Frosted or decorative



THERMAL TRANSMITTANCE* Sky Wood 50 – 68mm Section

Thermal insulation values up to **Uw = 1.1 W/m²K**, depending on the glass unit composition and the type of wood used.

*Calculation performed on a Lift-and-Slide Openable-Fixed unit, size 3200 x 2500 mm, fir wood, glass unit Ug = 1.0 W/m²K, according to UNI EN ISO 10077-1 and 2.

THERMAL TRANSMITTANCE* Sky Wood 50 – 78mm Section

Thermal insulation values up to **Uw = 0.80 W/m²K**, depending on the glass unit composition and the type of wood used.

*Calculation performed on a Lift-and-Slide Openable-Fixed unit, size 3200 x 2500 mm, fir wood, glass unit Ug = 0.6 W/m²K, according to UNI EN ISO 10077-1 and 2.



ACOUSTIC PROTECTION

Sound reduction from **31 dB up to 43 dB**, depending on the type of glass selected.

Special glass options available for high acoustic requirements, including non-standard configurations.

MORE LIGHT
WITH THE MINIMAL
RANGE
SKY WOOD 50



REDUCED 50MM CENTRAL JAMB
WITH UNI-V LABYRINTH TECHNICAL CLOSURE

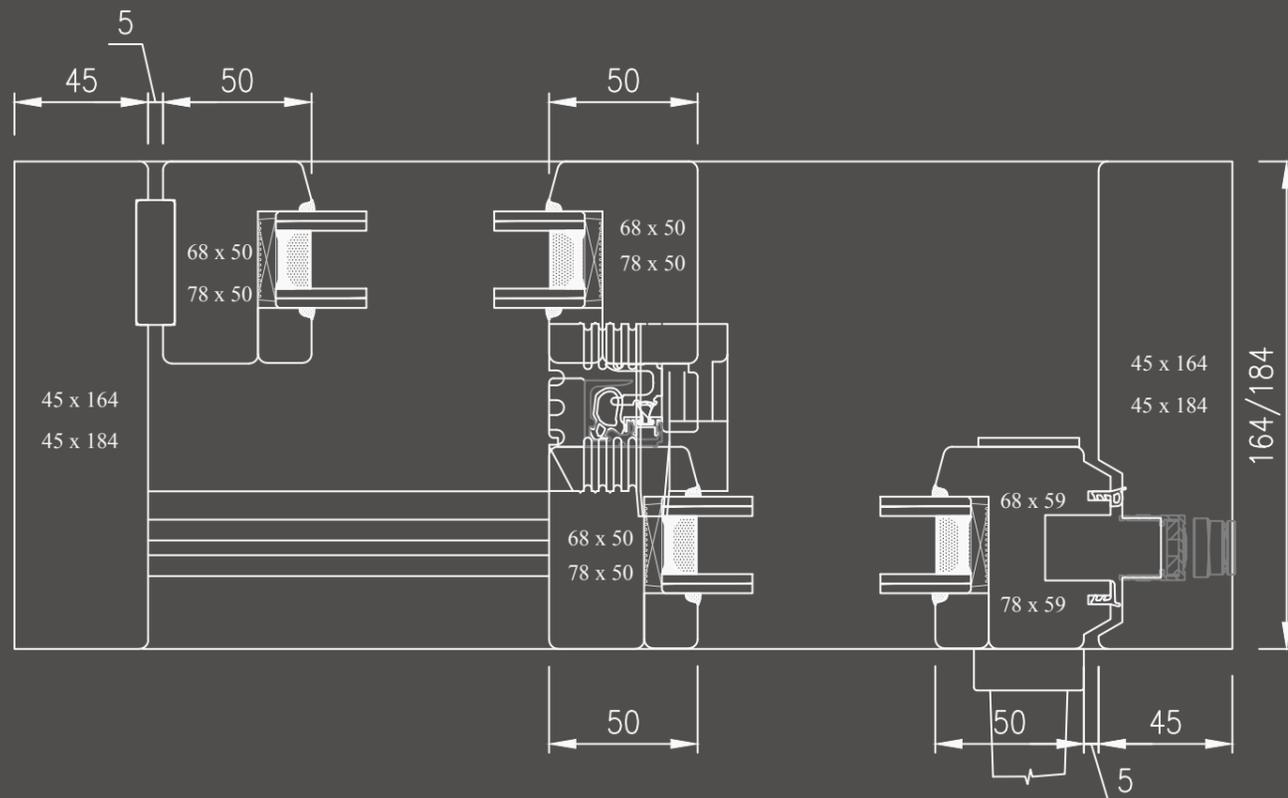


INTERIOR CORNER

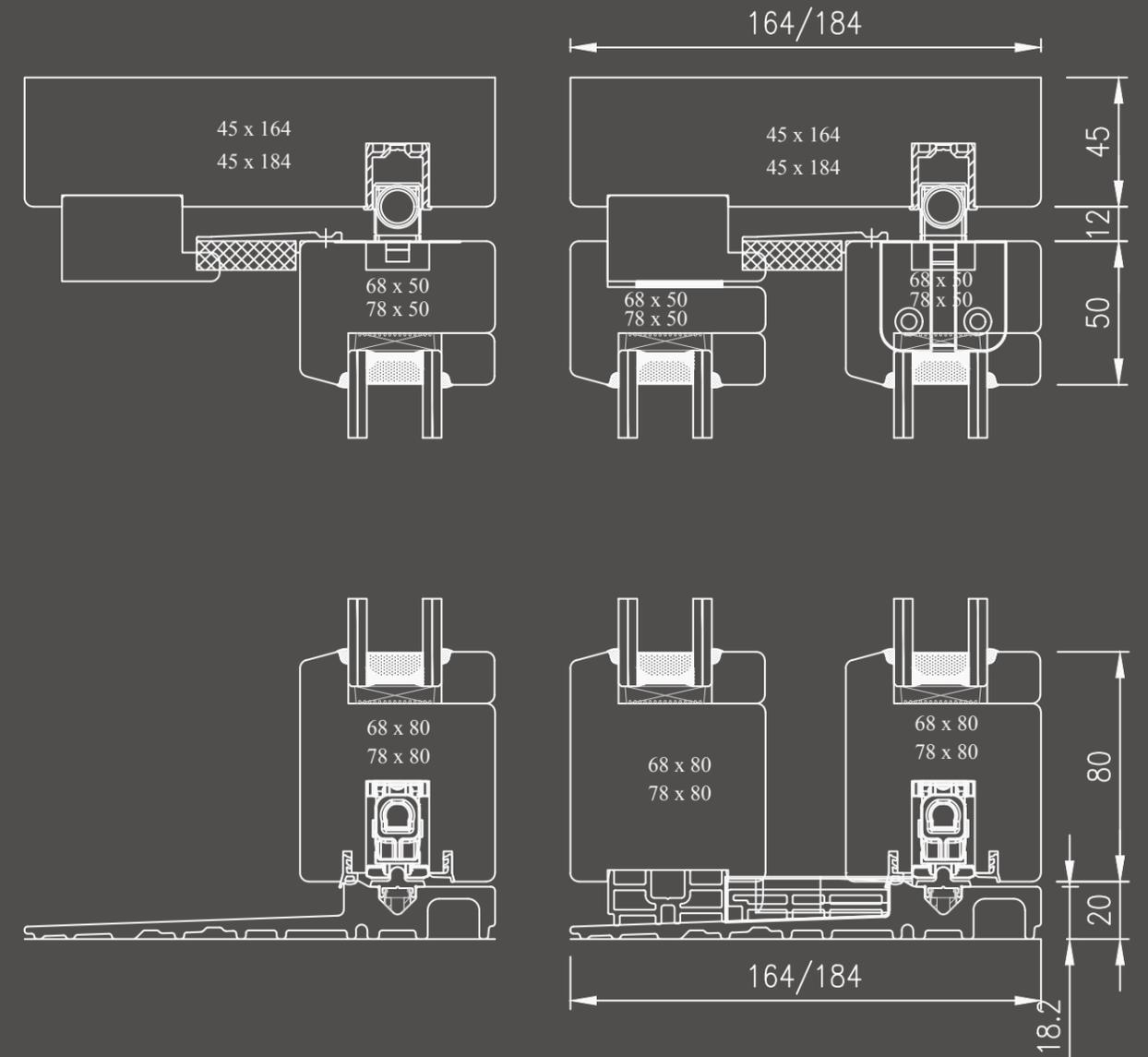
Lift-and-Slide SKY WOOD 50

Wooden Frames / MINIMAL

Technical drawings with indicated dimensions for both versions: 68mm and 78mm sash thickness. The upper value refers to the Sky Wood 50/68 version, while the lower value refers to the Sky Wood 50/78 version.



Horizontal Section with Climateck Threshold



Vertical Section with Climateck Threshold

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*

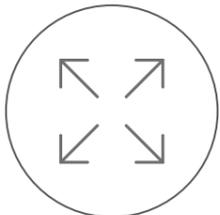
-  Window functionality – 10 YEARS
-  Durability of paint on long-life painted windows in RAL 9001, 9010, 9016, 1013 – 15 YEARS**
-  Durability of paint on long-life painted windows in dark stained colors – 10 YEARS**
-  No internal fogging of the glass unit – 10 YEARS
-  No delamination of laminated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

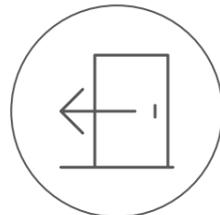


DESIGN

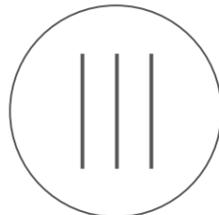
Our sliding systems feature a contemporary aesthetic, reflecting a clear language of form. Modern construction systems, focused on attention to detail, can be adapted to any environment to meet our clients' needs for individuality and functionality.



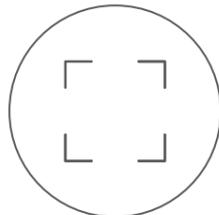
Available in large-size configurations



Various opening types available



Customizable handle design to match other handles



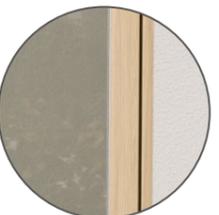
Slim yet robust profiles



Climatech threshold for enhanced thermal insulation and security



50mm central jamb with labyrinth system for smooth closure



Installation system that conceals the frame



Hook lock system – truly secure!

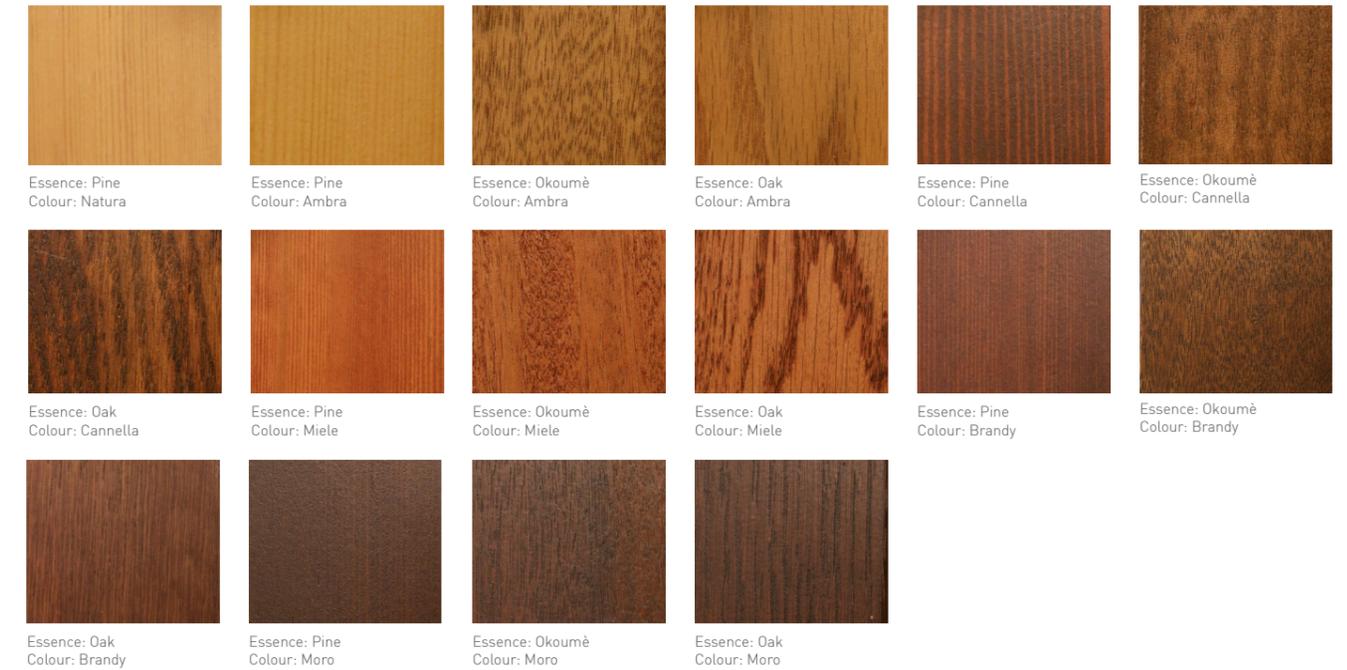


ENERGY SAVINGS

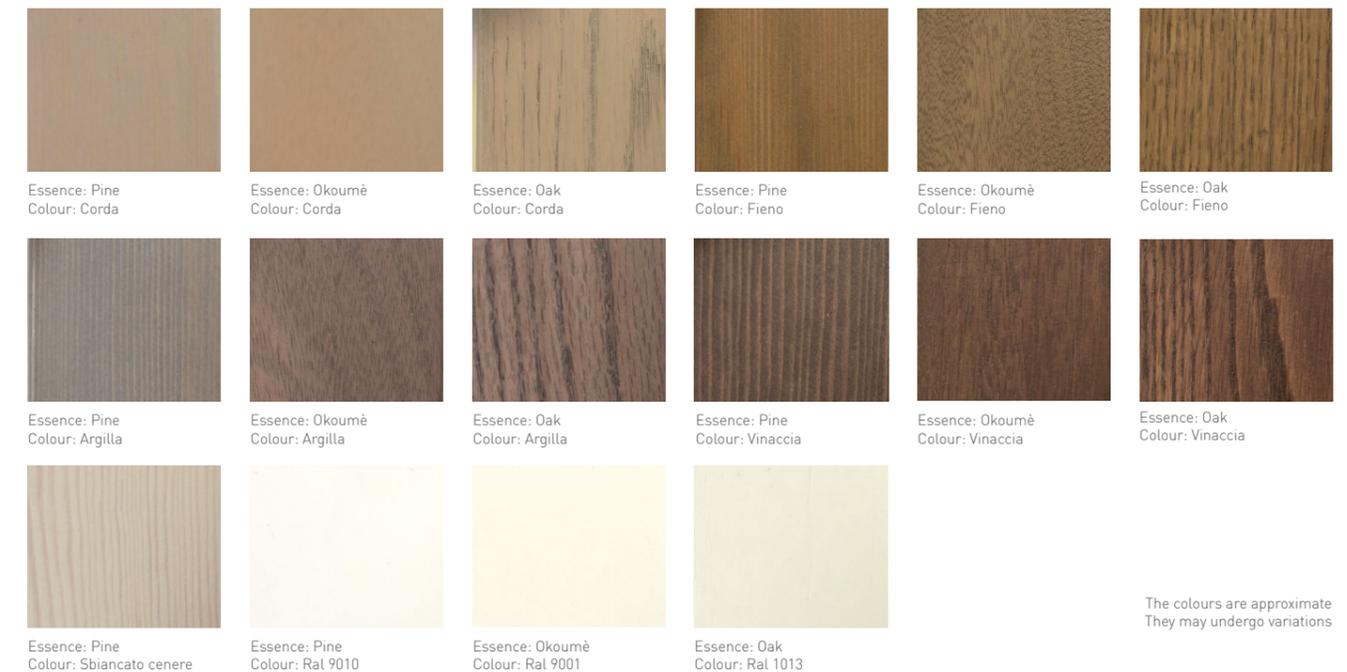
Waterproofing, profiles, glass with synthetic spacer, gaskets, and installation without thermal bridges all significantly contribute to energy savings and, consequently, lower utility bills.

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



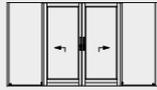
OPENABLE / OPENABLE



1 SASH OUTWARD OPENING



2 SASHES OUTWARD OPENING



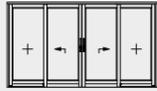
FIXED / OPENABLE / FIXED



OPENABLE / FIXED / OPENABLE



FIXED / OPENABLE / OPENABLE / FIXED

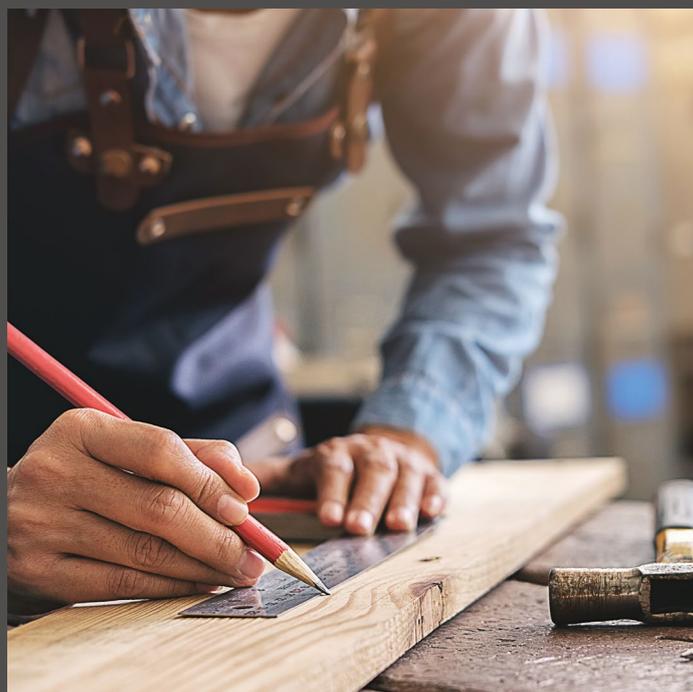


OPENABLE / OPENABLE / OPENABLE / OPENABLE



OPENABLE / OPENABLE / FIXED





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Italian Windows Design



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