

Lift and Slide

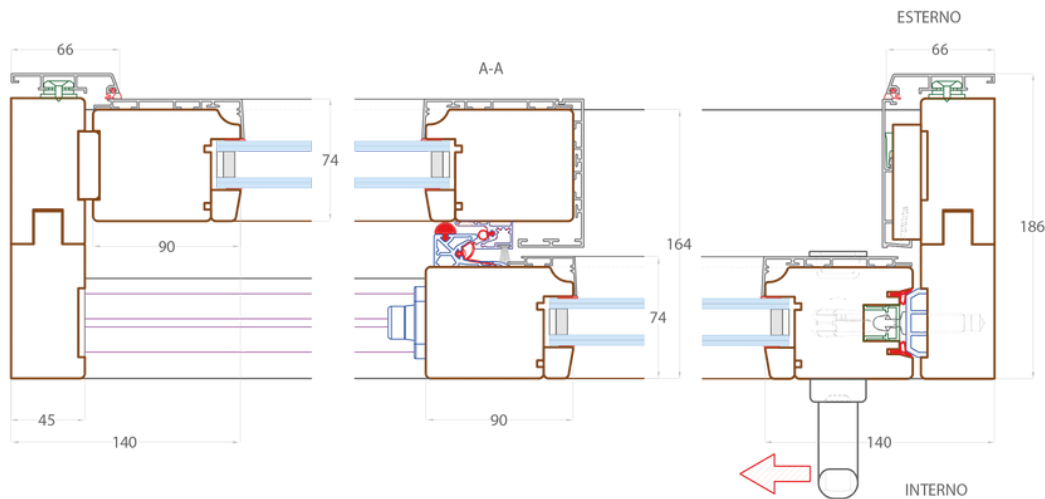
WOOD-ALUMINIUM CLAD

Wooden lift-and-slide window with external aluminum cladding

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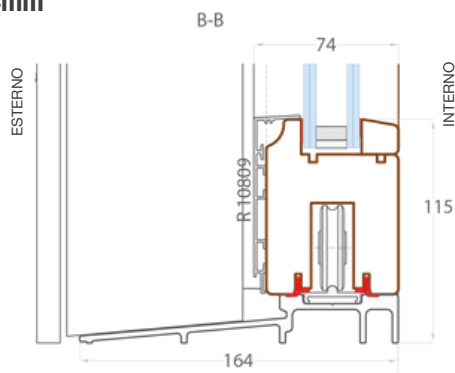


SECTIONS

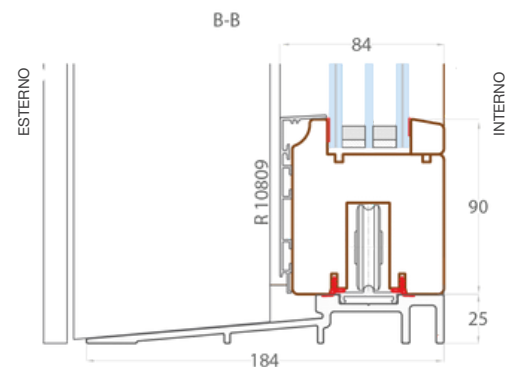


THICKNESS

74mm



84mm



FEATURES



LAMINATED WOOD AND EXTERNAL ALUMINUM COATING

Laminated wood is the only material that can guarantee durability, eco-sustainability, resistance, and stability over time, in addition to the possibility of renewing and keeping the product looking new. The coating is made of aluminum with classic or contemporary profiles fixed on wood through mechanical clip anchoring. The finish of the aluminum coating is glossy and matte, "polyester powder" type of the brand QUALICOAT 791.



COLOMBO DESIGN HANDLE

Robortquattro HS handle by Colombo Design, standard model in satin chrome brass (other models available upon request) with a 10-year warranty on the finish and external shell.



ENERGY GLASS INSULATING UNIT®

Insulating glass unit with black warm-edge spacer and Planitherm Infinity coating by Saint Gobain, lowemissivity, and selective (Ug: 1.0 W/m²K for single glazing and Ug: up to 0.5 W/m²K for double glazing).



STRUCTURAL SEALING OF INSULATING GLAZING

Structural sealing and bonding of the insulating glazing through 3M double-sided tape, ensuring maximum adhesion of the insulating unit and sealing against infiltrations, maximum resistance against burglary attempts, and structural stability of the doors.



GASKETS

Two black silicone thermal-acoustic seals for the doors, made of durable and heat-resistant materials: not only do they ensure better sealing over time, but they also provide smoother operation by significantly reducing the required pushing force and minimizing noise during opening and closing.



WOOD PAINTING

Treatment carried out with ecological water-based products to eliminate solvent emissions in the air and environment. Process executed through two impregnating and intermediate coats using float coating and a spray finishing cycle. RAL-colored products receive an additional finishing coat.

As wood is a natural material, any chromatic differences in the product are not considered defects but are justified by the different behavior of wood species to paints in staining cycles.



HINGES

Mechanism for a single leaf with a maximum weight of 400 kg, featuring a sliding carriage with two rollers and an additional carriage for interlocking connecting rods. Sliding rollers made with plastic-coated roller bearings. Fiberglass threshold (available in the version with low sliding track) and bumper stops. Central sealing strip made of PVC. Resistance class up to RC2



WARRANTIES

Thanks to the performance qualities and reliability of our windows, we have obtained prestigious certifications from international institutes and offer a 10-year warranty on our products and a 10-year warranty on the painting, according to the terms and conditions of PBFinestre.

TECHNICAL DATA

Air Permeability Resistance Class *

(according to the UNI EN 1026 – 2001 test standard and the UNI EN 12207 – 2000 classification standard)

Class 4

Indicates how much the fixture is permeable to air passing through it at a pressure of 600 Pa, which corresponds to a wind speed of 115 km/h.

Water Tightness Resistance Class *

(according to the UNI EN 1027 – 2001 test standard and the UNI EN 12208 – 2000 classification standard)

7A

Indicates the fixture's ability not to be penetrated by water under a pressure of 750 Pascal.

Wind Load Resistance Class*

(according to the UNI EN 12211 – 2001 test standard and the UNI EN 12210 – 2000 classification standard)

up to class C3

Indicates the fixture's ability to resist the wind pressure at a specific speed.

Acoustic Reduction Certification **

up to 40 dB

(with glass 44.1 stadip silence Planitherm Infinity+16 argon gas +33.1 stadip protect)

Thermal Performance Certifications **

Achievable Uw values:

- in the version with a thickness of 74mm **1.2 W/m²K**
- in the version with a thickness of 84mm **0.9 W/m²K**

Solar Factor: **G=0,35**

Declaration of European Conformity



CE Mark

Products conforming to the European standard EN 14351-1. All our windows are CE marked, according to the law, to ensure maximum peace of mind and security in your home.

*Only in the presence of a fiberglass threshold or high track. as per certifications in our possession issued by the ROSENHEIM Institute

**Only in the presence of a fiberglass threshold or high track as per certification in our possession issued by the GIORDANO Institute



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PBFINESTRE

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