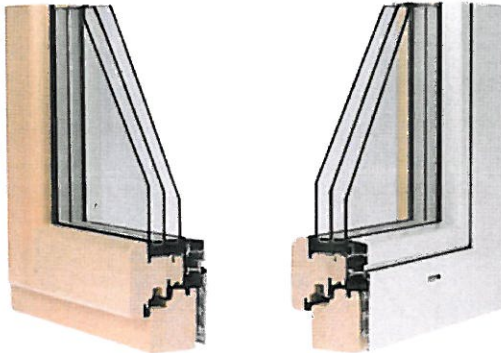


ETERNITY PLAN BY ALPILEGNO



Alpilegno offers an innovative collection of the latest generation of wood-aluminium windows to meet the technical and architectural needs of modern construction. Products suited to locations where atmospheric elements are particularly aggressive, guaranteeing high protection and maximum thermal and acoustic insulation. A special state-of-the-art production process enables the manufacture of doors and windows by using frames comprising an

external section of high performance aluminium profiles and an internal section in carefully selected Trentino plywood. Design and technology at the service of nature, to produce excellent products destined to last over time. Wooden-aluminium window which in addition to the characteristics of the Eternity model offers a flush design of the external aluminium profiles, for integration in special architectural settings.

Air permeability: Class 4

Watertightness test method A - not protected: 9A/8A

Load bearing capacity of safety devices: 350 N

Frame Section 92 x 90 mm - Leaf section 95 x 83 mm

Number of seals and leaves: 4 and 2

Window-Dimensions: all

Acoustic insulation "Rw" = 36 dB

Overall thermal transmittance of window U_w with thermal transmittance of glass $U_g = 0.60$ W/m²K - soft wood: 1.00

Resistance to wind load:

- test pressure: 5

- deformation of frame: C

The main technical characteristics shared by our wood-aluminium door and windows:

- Top grade "net" plywood certified to PEFC (Programme for Endorsement of Forest Certification) and FSC (Forest Stewardship Council).
- Triple rebate seal profile - Seals in PURENE S and in dual compound EPDM rubber classified as compliant with EN12365 standards
- External aluminium profile in alloy EN AW6060 T5, paint finished to Qualicoat regulations and subject to anodic oxidation treatment class 15 according to EURA EWAA QUALONOS specifications. Fixture of the aluminium section to the wooden section is by means of plastic support clips, with screw type or snap-fixture. The two materials are joined with a gap of 5 mm to eliminate any condensation and guarantee perfect ventilation of the coupling area, allowing for tension-free expansion.
- Lower threshold of French window with a height of 25 mm in two sections: the external section in aluminium, for prolonged lifetime, and the internal section in plastic to guarantee thermal insulation.
- Hardware with a load-bearing capacity of 130 kg comprising adjustable angle hinges, burglar-proof latches, friction scissor hinges for tilting movement, micro-ventilation and lever rod on secondary leaf to facilitate closure. All articles meet the requirements set down in the programme for certifying accessories QM328. - Hoppe cylinder in aluminium, with satin silver finish, with system Secustik®.
- Glazing with spacer thermal profiles in PVC (warm edge) to minimise the risk of condensate forming on the panes and thermal transmittance of the glazing.

Doors and windows in full respect of the environment: just like wood, aluminium is also 100% recyclable.