



WOODLINE
Wood & Aluwood system



WOODLINE

Warmth &
Elegance

SYSTEM WOODLINE

FT **FiTECHNiC**
INTERNATIONAL



The natural essence of wood brings warmth and aesthetic appeal to any environment where it is utilized. Beyond its visual charm, wood excels in sound insulation and promotes a healthier living space. Its superior thermal insulation properties stem from its air-filled cellular structure, which effectively hinders heat transfer. With a remarkably low thermal conductivity of 0.13 W/mK, wood offers insulation that is 8 times more effective than PVC profiles, 400 times better than steel, and an impressive 1800 times superior to aluminium. Additionally, wood is an excellent material for sound absorption, effectively reducing echoes and noise by absorbing sound waves.

The wood-aluminium window system combines the best of both worlds: the natural benefits of wood and the durability of aluminium, which requires minimal maintenance over its long lifespan. This system offers the flexibility to choose different colors for the interior and exterior independently, with a wide range of color variations available. When selecting the ideal color for the façade in the aluminium section, you can also customize the color and texture of the wood for the interior to match your personal style and preferences. This harmonious blend of functionality and design ensures both aesthetic appeal and practical performance.



Features and benefits

1. Full wood or hybrid aluminium wood
2. High insulation, as low as 1.0 W/m² K
3. Oak, Okume, Mahogany, Pine options
4. 10 years warranty
5. Upto 36mm glazing units
6. Can use an automatic unit mounted on the outside of the construction



Technical parameters

Air permeability	upto class 4, EN 12207
Watertightness	upto class E 1050, EN 12208
Wind load resistance	upto class C4, EN 12210
Thermal insulation	from 1.0 W/(mK)



Features

1. Full wood:

- Frame section 72x70mm, sash section 82x88mm
- Frame constructed with three layer laminated wood profiles

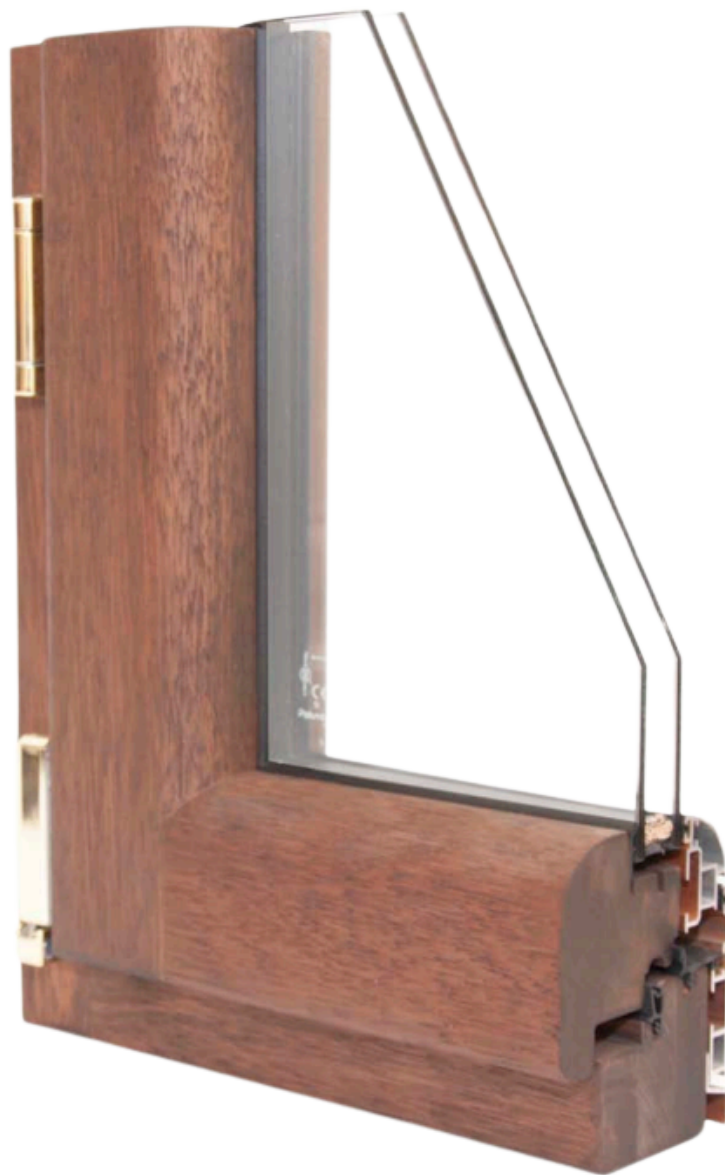
2. High insulation, 1.0 W/m² K

3. Class 4 air infiltration

4. Class E1800 water infiltration

5. Class C5 wind resistance





Features

1. Hybrid aluminium wood:

- Frame section 84x88mm (wood 67x62mm), sash section 102x82mm
- Frame constructed with three layer laminated wood profiles

2. High insulation, 1.3 W/m² K

3. Class 4 air infiltration

4. Class E1050 water infiltration

5. Class C4 wind resistance

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Features

1. Hybrid aluminium wood:

- Frame section 82x79mm (wood 67x59mm), sash section 100x72mm
- Frame constructed with three layer laminated wood profiles

2. High insulation, 1.1 W/m² K

3. Class 4 air infiltration

4. Class E1050 water infiltration

5. Class C4 wind resistance

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