wood-aluminium windows
interior & exterior doors
wooden floors
interior solutions

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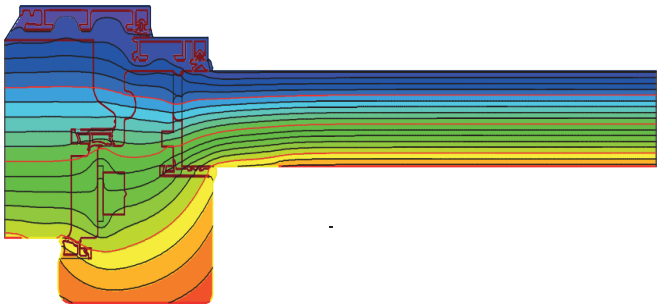
ES NOBIL SYSTEM

The ES system, thanks to the essentiality of the aluminium profiles, combines competitiveness, design and optimum performance, improving production efficiency and the aesthetics of environments.

Thermal transmittance values Uw

Ug(W/m²K)	*Soft Wood(λ=0,130 W/mK)*	*Hard Wood(λ=0,180 W/mK)*
0,5	Uw = 0,8 W/m²K	Uw = 0,9 W/m²K
0,6	Uw = 0,9 W/m²K	Uw = 1,0 W/m²K
0,7	Uw = 1,0 W/m²K	Uw = 1,0 W/m²K
0,8	Uw = 1,0 W/m²K	Uw = 1,1 W/m²K
0,9	Uw = 1,1 W/m²K	Uw = 1,2 W/m²K
1,0	Uw = 1,2 W/m²K	Uw = 1,3 W/m²K
1,1	Uw = 1,3 W/m²K	Uw = 1,3 W/m²K
1,2	Uw = 1,3 W/m²K	Uw = 1,4 W/m²K
1,3	Uw = 1,4 W/m²K	Uw = 1,5 W/m²K

Hardware	Visible or hidden AGB, Italy
Gaskets	TP-S tri-extruded, EPDM co-extruded (outside)
Glass thickness	Double or triple glazing up to 48 mm, in different variations of glass type and thickness
Aluminium	Anodic oxidation painting with wood, RAL or special decors. Connection at 90 degrees or welded.
Wood	Triple layered, finger join or continuous fiber Opaque, transparent painting with water-based products or hydroil products. RENNER, Italy Wood species: oak, pine, ash, larch, walnut.



Acoustic insulation	Rw up to 43 dB
Security hardware	Up to RC 2
Air permeability	CLASS 4
Water tightness	CLASS 9A
Wind load resistance	CLASS C4

Frame section wood+aluminium	80x58 mm
Sash section wood+aluminium	95x73 mm