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

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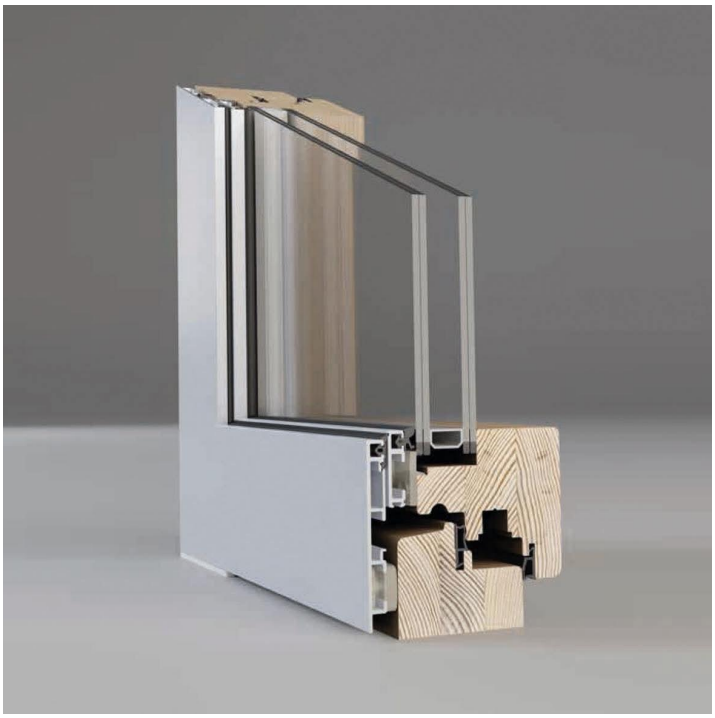
BGS NOBIL SYSTEM

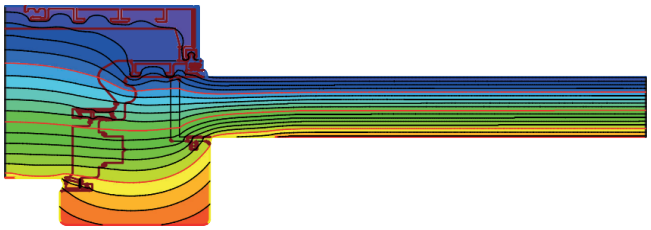
The BGS system features a rigorous and linear design, with a minimalist look. The glass appears as an element inserted into a single aluminum frame.



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 = 1,1 W/m²K
0,8	Uw = 1,1 W/m²K	Uw = 1,15 W/m²K
0,9	Uw = 1,2 W/m²K	Uw = 1,2 W/m²K
1,0	Uw = 1,3 W/m²K	Uw = 1,4 W/m²K
1,1	Uw = 1,4 W/m²K	Uw = 1,4 W/m²K
1,2	Uw = 1,5 W/m²K	Uw = 1,5 W/m²K
1,3	Uw = 1,5 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	84x71 mm
Sash section wood+aluminium	80x64 mm, 5mm visible on exterior