

GEMINI CLASSIC

wood-aluminium windows

Gemini Classic is the most popular wood-aluminum system in the Gemini group, among our clients. Designed as an unflushed wood-alu system, it stands out thanks to its classic shape. Construction-wise, it is the most versatile version of all GEMINI systems. Profiles can be ordered in welded or punched form. Its features and utility parameters allow for comprehensive and versatile usage with high functionality and aesthetics.



SYSTEM FEATURES

Welded corner connections



Crimped corner connections



Wood section thickness 68–92 mm



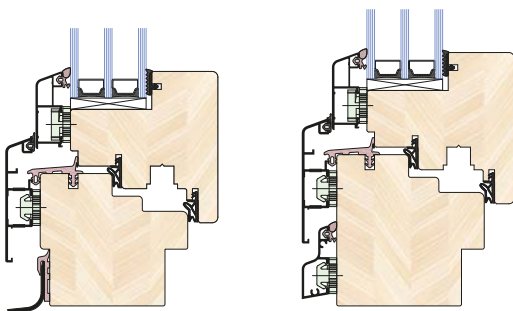
Glazing thickness 24–64 mm



Sash and frame profile bending



CLASSICAL AND FUNCTIONAL



Heat transfer U_w coefficient for sample window 1.23x1.48 [m]

U_w [W/(m ² K)]		Pine ($\lambda=0,13$ [W/(mK)]; $\rho=500$ [kg/m ³])				Meranti ($\lambda=0,12$ [W/(mK)]; $\rho=450$ [kg/m ³])				Spruce ($\lambda=0,11$ [W/(mK)]; $\rho=450$ [kg/m ³])			
		68 [mm]	78 [mm]	88 [mm]	92 [mm]	68 [mm]	78 [mm]	88 [mm]	92 [mm]	68 [mm]	78 [mm]	88 [mm]	92 [mm]
Glazing 4/16/4	$U_g=1,1$ [W/(m ² K)]	1,263	1,232	1,208	1,200	1,239	1,209	1,186	1,178	1,214	1,185	1,163	1,156
	$U_g=1,0$ [W/(m ² K)]	1,201	1,170	1,146	1,138	1,177	1,147	1,124	1,116	1,152	1,124	1,101	1,094
Glazing 4/16/4/16/4	$U_g=0,7$ [W/(m ² K)]	0,969	0,936	0,909	0,900	0,946	0,914	0,889	0,880	0,924	0,891	0,867	0,859
	$U_g=0,5$ [W/(m ² K)]	0,846	0,813	0,786	0,777	0,823	0,791	0,765	0,757	0,800	0,768	0,744	0,735