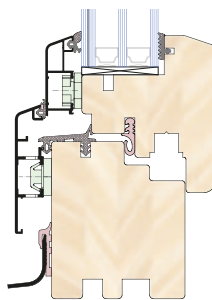
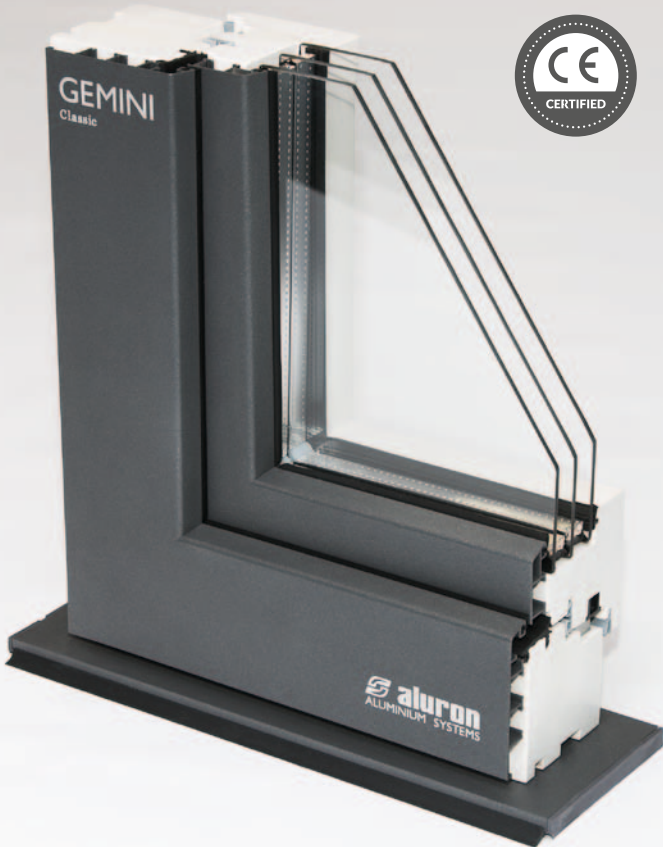


# → GEMINI CLASSIC

wood-aluminium windows

**Gemini Classic** is a system for those who value tradition. Popular among our clients, Gemini Classic is an unflushed wood-alu system and it stands out thanks to its classic shape. Construction-wise, it is the most versatile version of all GEMINI systems. System 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.



## CLASSICAL AND FUNCTIONAL

### AVAILABLE DESIGN:

- Tilt & turn windows
- Fixed windows
- Tilt & slide windows (PSK)
- Arc windows
- Rotary windows
- Mullions and transoms
- Removable mullions
- Glued crosspieces
- Construction crosspieces
- Balcony doors
- HS sliding doors
- Folding doors
- Inward opening doors
- Outward opening doors
- Facade connection profiles

### → System features

Welded corner connection	
Mechanical corner connection	
Wood section thickness 68-92 mm	
Glazing thickness 24-64 mm	
Sash and frame profile bending	

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

$U_w$ [W/(m <sup>2</sup> K)]		Pine ( $\lambda=0.13$ [W/(mK)]; $\rho=500$ [kg/m <sup>3</sup> ])				Meranti ( $\lambda=0.12$ [W/(mK)]; $\rho=450$ [kg/m <sup>3</sup> ])				Spruce ( $\lambda=0.11$ [W/(mK)]; $\rho=450$ [kg/m <sup>3</sup> ])			
		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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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