

GEMINI RETRO

wood-aluminium windows

Gemini Retro is a system designed for antique and retro stylised objects. Its special shape of profiles gives the windows an elegant, classy and timeless character. A broad variety of available colours in this system make it a complement to even the most sophisticated applications. The retro system stands out with its design and functionality as it offers a broad spectrum of available constructions and very good functionality.

SYSTEM FEATURES

Welded corner connections



Crimped corner connections



Wood section thickness 68–92 mm



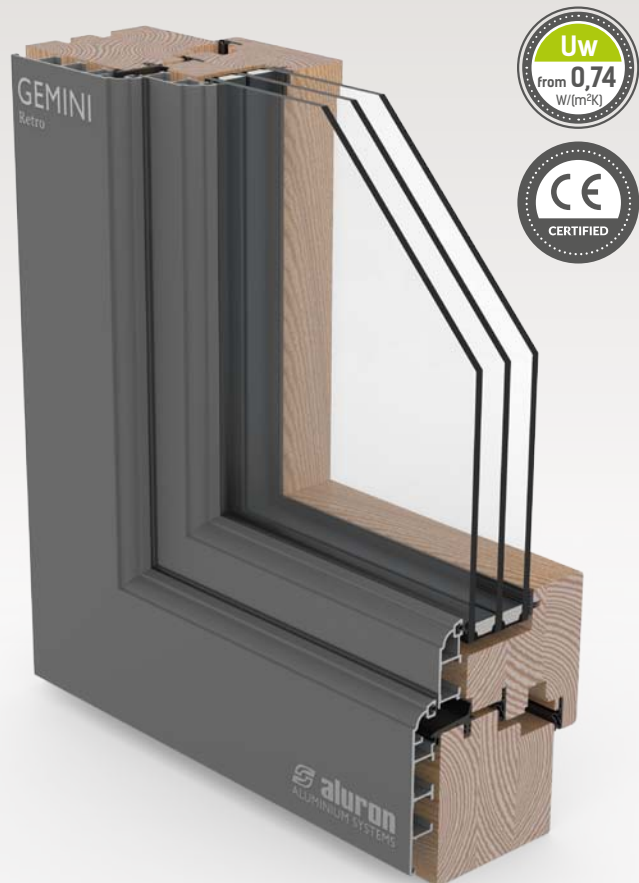
Glazing thickness 24–64 mm



Sash and frame profile bending



RETRO STYLED WINDOWS



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)]	1,262	1,231	1,207	1,199	1,238	1,208	1,185	1,177	1,213	1,185	1,162	1,155
	$U_g=1,0$ [W/(m ² K)]	1,200	1,170	1,146	1,137	1,177	1,147	1,124	1,116	1,152	1,123	1,101	1,093
Glazing 4/16/4/16/4	$U_g=0,7$ [W/(m ² K)]	0,969	0,935	0,909	0,900	0,947	0,913	0,888	0,879	0,923	0,891	0,866	0,858
	$U_g=0,5$ [W/(m ² K)]	0,846	0,812	0,785	0,776	0,823	0,790	0,765	0,756	0,800	0,767	0,743	0,735