

GEMINI SOFT LINE

wood-aluminium windows

Gemini Soft Line is characterised by an extremely meticulous and aesthetic design line. This system stands out with its rounded shape of profiles. It is both a very stylish and functional solution. Moreover, this system possesses high utility parameters in terms of insulating as well as acoustic and mechanical properties. Its systemic profiles can be ordered as welded or punched frames. Its features allow for a wide range of uses especially where rounded shapes complement the architectural vision of the construction.



SYSTEM FEATURES

Welded corner connections



Crimped corner connections



Wood section thickness 68–92 mm



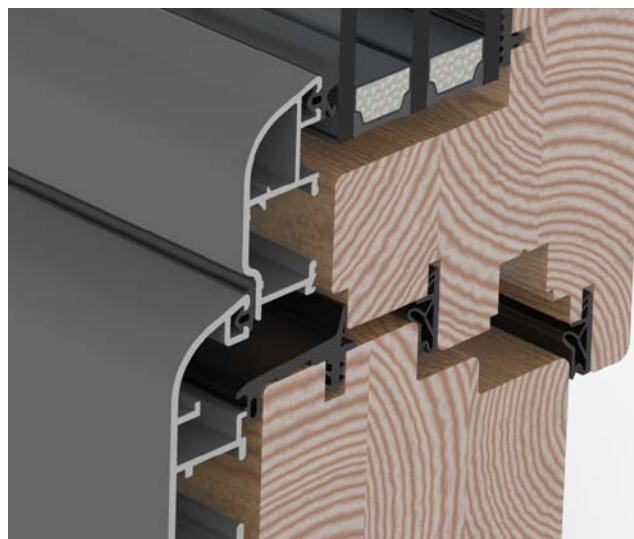
Glazing thickness 24–64 mm



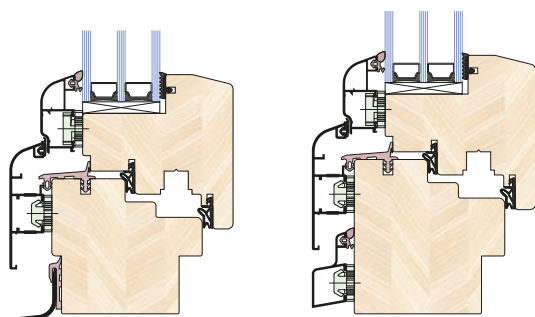
Sash and frame profile bending



SYSTEMS WITH ROUNDED PROFILE SHAPE



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



U_w [W/(m²K)]		Pine ($\lambda=0,13$ [W/(mK)]; $\rho=500$ [kg/m³])				Meranti ($\lambda=0,12$ [W/(mK)]; $\rho=450$ [kg/m³])				Spruce ($\lambda=0,11$ [W/(mK)]; $\rho=450$ [kg/m³])			
		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/(m²K)]	1,267	1,236	1,212	1,203	1,243	1,213	1,189	1,181	1,218	1,189	1,166	1,159
	$U_g=1,0$ [W/(m²K)]	1,205	1,174	1,150	1,142	1,181	1,151	1,130	1,122	1,156	1,127	1,107	1,099
Glazing 4/16/4/16/4	$U_g=0,7$ [W/(m²K)]	0,974	0,939	0,912	0,903	0,951	0,917	0,891	0,882	0,927	0,895	0,870	0,861
	$U_g=0,5$ [W/(m²K)]	0,851	0,816	0,789	0,780	0,828	0,794	0,768	0,759	0,804	0,771	0,746	0,738