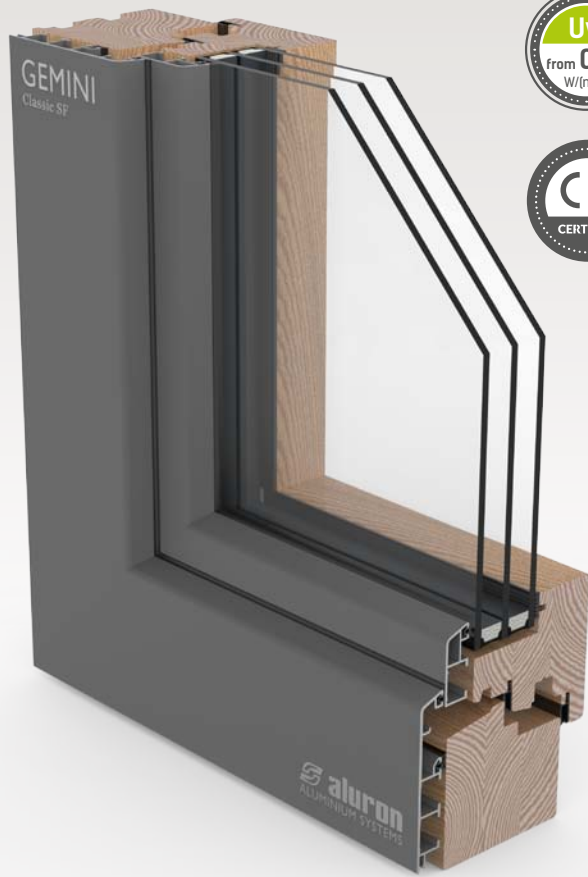


# GEMINI CLASSIC SF

wood-aluminium windows

**Gemini Classic SF** is a variant of Gemini Classic with a slanted rebate. This system is known as "Schrägfalzsystem" and is popularized by the manufactures of newest types of cutter-heads. It's characterized by diagonal rebate of the wooden window frame, with an inclination of 7 to 15 degrees instead of using central TPE frame gasket. Window construction water drainage is done by slanted part of the wooden framework, rather than as a traditional solution by using frame gasket.



## SYSTEM FEATURES

Welded corner connections



Crimped corner connections



Wood section thickness 68–92 mm



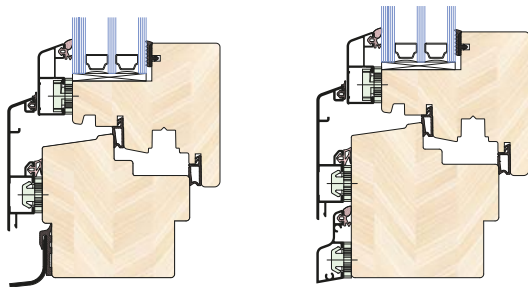
Glazing thickness 24–64 mm



Sash and frame profile bending



## GEMINI CLASSIC WITH SLANTED REBATE "SCHRÄGFALZ"



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)]	1,267	1,241	1,219	1,212	1,246	1,220	1,199	1,192	1,224	1,199	1,179	1,172
	$U_g=1,0$ [W/(m <sup>2</sup> K)]	1,203	1,177	1,155	1,148	1,182	1,156	1,135	1,128	1,160	1,135	1,115	1,108
Glazing 4/16/4/16/4	$U_g=0,7$ [W/(m <sup>2</sup> K)]	0,966	0,936	0,911	0,903	0,946	0,916	0,893	0,885	0,925	0,897	0,874	0,866
	$U_g=0,5$ [W/(m <sup>2</sup> K)]	0,838	0,808	0,783	0,775	0,818	0,788	0,765	0,757	0,797	0,769	0,745	0,738