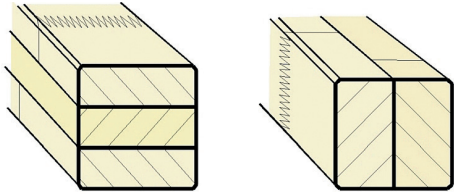


LAM TIMBER BEAM



The lamellas are glued vertically or horizontally. The thickness and orientation of the lamellas are optimized in the production process.

Species	Spruce and fir
Quality	N Normal for visible applications I Industry for constructions with low esthetical requirements
Strength class	C24
Beam heights	100 mm - 280 mm, multiplication of 20 mm
Beam widths	80 mm - 160 mm, multiplication of 20 mm
Beam lengths	4.00 m - 18.00 m
Surface	Planed and chamfered on all four edges
Moisture content	12% ± 2%
Thermal conductivity	$\lambda = 0.13 \text{ W/(m} \cdot \text{K)}$
Reaction to fire	D-s2,d0 (according to EN 13501-1)
Adhesive details	<ul style="list-style-type: none"> • Polyurethane (PUR), Type I according EN 15425 • Solvent-free (no formaldehyde) • Transparent glue-lines