



Characteristics	Industrial quality (I)	Industrial plus quality (I+)	Visible quality (S)
<b>Application area</b>	The purely constructive solid wood panels are planked with other materials.	Visible components for industrial and commercial buildings, but not recommended for residential areas.	The solid wood panel is suitable for the visible living area.
<b>Offer</b>	Class 1	Class 2	Class 3
<b>Lamination width top layer</b>	Max. 250 mm	Max. 250 mm	≤ 150 mm
<b>Wood moisture</b>	12 % (+/- 2 %)	12 % (+/- 2 %)	10 % (+/- 2 %)
<b>Wood type</b>	Spruce, fir and pine allowed	One wood typ in the top layer	One wood typ in the top layer
<b>Edge gluing (in all layers)</b>	Complete, acceptably joints up to max. 3 mm	Complete	Complete
<b>Bluing, discolouration</b>	Unlimited	≤ 10 % of surface	≤ 3 % of surface
<b>Resin galls</b>	Permitted	Permitted	Permitted individually, max. 5 x 50 mm
<b>Ingrown bark</b>	Permitted	Permitted	Permitted individually
<b>Rough edge</b>	max. 2 x 50 cm	Not permitted	Not permitted
<b>Pith</b>	Permitted	Permitted	Permitted individually
<b>Insect damage</b>	Insect holes permitted up to average 2 mm	Not permitted	Not permitted
<b>Branches grown firmly together</b>	Unlimited	Permitted	Permitted
<b>Black branches</b>	Unlimited	Permitted < 40 mm	Permitted ≤ 20 mm
<b>Branches fallen out</b>	Unlimited	Permitted < 40 mm	Permitted ≤ 20 mm
<b>Revision work</b>	Calibrated and sanded	Calibrated and sanded	Sanded fibre course
<b>Crack formation</b>	Limited acc. to strength grading	Limited acc. to strength grading	Permitted individually
	As with all structural timber products, cracks and joints resulting from drying out to later equilibrium moisture content levels applicable at the time of use are product-specific and cannot be avoided.		