

TROHIS

CLT QUALITIES

Quality descriptions

"TROHIS" CLT panels are available in the three different qualities, depending on application and use, Non-visual, industrial and visual quality, the surface is sanded. Special surfaces and / or other wood types are available on request.

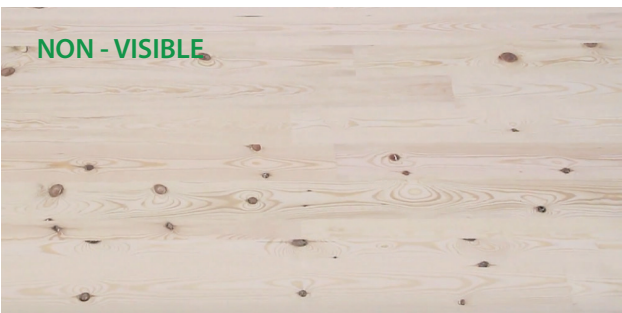


"TROHIS" CLT panels in living space quality are suitable for use as permanently visible surfaces in residential and private buildings.

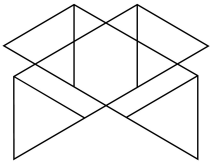
The surface is planed and smoothed. The surface appearance corresponds to appearance class AB, in accordance with EN 13017-1. The maximum joint width for a wood humidity of 12% (+ / - 2%) is 2mm. All transitions for width-ways board joints are bevelled during the cutting process.



"TROHIS" CLT panels in industrial quality are usually used for industrial buildings with low requirements on surface quality. Industrial quality is not used for visible surfaces in residential buildings. The lamellae are sometimes finger-jointed, depending on the orientation of the covering layer. The surface is planed and fully smoothed. The surface appearance corresponds to appearance class B, in accordance with EN 13017-1.



"TROHIS" CLT panels in non-visible quality are perfect for use as load-bearing components which are generally panelled following assembly. Thus, no special requirements on the surface appearance for this quality. Wood grading is always carried out on the basis of strength class C 24. The surface appearance corresponds to appearance class C, in accordance with EN 13017-1.



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FEATURES	A	B	C
Bonding	occasional open joints up to 1mm width permitted	occasional open joints up to 2mm width permitted	occasional open joints up to 3mm width permitted
Blue stains	Not permitted	slight discolouration permitted	Permitted
Appearance and colour	Well-balanced colour and texture	Largely balanced colour and texture	Permitted
Resin galls	No knot clusters, up to 5 mm x 50 mm	max. 10 x 90mm	Permitted
Bark ingrowth	occasional occurrences permitted	occasional occurrences permitted	Permitted
Dry cracks	occasional surface cracks permitted	permitted	Permitted
Core - pith	occasional, up to 40cm long permitted	permitted	Permitted
Insect damage	Not permitted	not permitted	occasional small holes up to 2mm permitted
Knots - sound	permitted	permitted	Permitted
Knots - black	max. 1.5 cm Ø	max. 3 cm Ø	Permitted
Knots hole	max. 1 cm Ø	max. 2 cm Ø	Permitted
Rough edges	Not permitted	Not permitted	max. 2 x 50mm
Surface	100% sanded	100% sanded	max. 10% of surface rough
Quality of surface finish	occasional small faults permitted	occasional small faults permitted	occasional small faults permitted
Quality of narrow side bonding and face ends	occasional small faults permitted	occasional faults permitted	occasional faults permitted
Chamfer on L panels	yes	no	no
Rework edge of cut with sandpaper	yes	no	no
Machining - chainsaw	not permitted	permitted	permitted