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QUALITY CHARACTERISTICS OF THE **VISIBLE SIDE**

Characteristics	**NON-VISIBLE** NVQ	**INDUSTRIAL VISIBLE** IVQ	**DOMESTIC VISIBLE** DVQ
Class of use	1 - 2	1 - 2	1 - 2
Wood types	Spruce, fir, or pine	one type of wood in the covering layer	one type of wood in the covering layer
Lamella width	11.7 cm	11.7 cm	11.7 cm
Bonding (narrow side)	sporadically open joints permissible	sporadically open joints with a width of ≤ 2 mm permissible	sporadically open joints with a width of ≤ 1 mm permissible
Cracks and joints (at a wood moisture of 11%)	permissible	sporadically permissible ≤ 2 mm	sporadically permissible ≤ 1 mm
Wood moisture	< 15 %	< 15 %	< 11 %
Surface	max. 10 % of the surface rough*	100 % sanded*	100 % sanded*
Wane	max. 2 x 50 cm	not permissible	not permissible
Knots tightly intergrown	permissible	permissible	permissible
Knots black	permissible	max. 3 cm Ø	max. 1,5 cm Ø
Knots fallen-out	permissible	max. 2 cm Ø	max. 1 cm Ø
Pitch pocket	permissible	permissible	sporadically permissible, max. 5 x 50 mm
Bark pocket	permissible	sporadically permissible	sporadically permissible
Pith	permissible	permissible	sporadically permissible up to a length of 40 cm
Blue stain, Discoloration	permissible	≤ 10 % of the surface	≤ 1% of the surface
Insect infestation	sporadically permissible	not permissible	not permissible
Quality of the surface treatment	flaws sporadically permissible	flaws sporadically permissible	small flaws sporadically permissible
Surface finish (wood disks, wood fillers, boards)	permissible	permissible	permissible
Flaws on cut edges	permissible	flaws sporadically permissible	small flaws sporadically permissible
Cracking	As with all constructive solid timber products, crack and joint formation as a result of the drying process to the equilibrium moisture content is product-specific and can't be avoided.		

* The sanding direction of C-components is transverse to the fiber.
Timber is a natural product. Slight deviations from the table are possible. Subject to technical changes.

Scope: these surface quality characteristics apply: 1) at the time of delivery; 2) only for the top layer; 3) for on-sided visible surfaces; 4) for narrow sides and all surfaces treated by CNC-machines only the criteria of the surface quality characteristics of NVQ apply;

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QUALITY CHARACTERISTICS OF THE **VISIBLE SIDE**

	SUPREME SPRUCE	SUPREME FIR
Class of use	1 - 2	1 - 2
Appearance	Spruce almost knotless – finger-jointed from 30 cm	Fir almost knotless – finger-jointed from 30 cm
Wood types	Spruce	Fir
Lamella width	11.7 cm	11.7 cm
Bodning (narrow side)	sporadically open joints up to max. 1 mm width permissible	sporadically open joints up to max. 1 mm width permissible
Cracks and joints (at a wood moisture of 11%)	sporadically permissible ≤ 1 mm	sporadically permissible ≤ 1 mm
Wood moisture	< 11 %	< 11 %
Surface	100 % sanded*	100 % sanded*
Wane	not permissible	not permissible
Knots tightly intergrown	almost knotless, some small knots of max. 5 mm permissible	almost knotless, some small knots of max. 5 mm permissible
Knots black	not permissible	not permissible
Knots fallen-out	not permissible	not permissible
Pitch pocket	sporadically permissible, max. 2 x 30 mm	sporadically permissible, max. 2 x 30 mm
Bark pocket	not permissible	not permissible
Core - Pith - Wet core	not permissible	not permissible
Blue stain, Discoloration	not permissible	not permissible
Insect infestation	not permissible	not permissible
Fiber direction	Rift / Semi rift	Rift / Semi rift
Quality of the surface treatment	small flaws sporadically permissible	small flaws sporadically permissible
Surface finish	permissible	permissible
Flaws on cut edges	small flaws sporadically permissible	small flaws sporadically permissible
Cracking	As with all constructive solid timber products, crack and joint formation as a result of the drying process to the equilibrium moisture content is product-specific and can't be avoided.	

* The sanding direction of C-components is transverse to the fiber.
Timber is a natural product. Slight deviations from the table are possible. Subject to technical changes.

Scope: these surface quality characteristics apply: 1) at the time of delivery; 2) only for the top layer; 3) for on-sided visible surfaces; 4) for narrow sides and all surfaces treated by CNC-machines only the criteria of the surface quality characteristics of NVQ apply;