







Type of flooring Construction	1-strip plywood plank with Oak top layer Core material / Birch/Birch plywood, multilayer, cross-bonded. Top layer: European Oak	
Thickness Top layer Surface width Lengths	approx. 16 mm approx. 5.5 mm (according to the brushing, depth-dependent) 190, 220, 250 mm Mixed, min. 600 – max. 2400 mm. Distribution according to availability. No entitlement of specific lengths. Average length at least 1500 mm	
Profile Norm	Tongue and groove on all four sides. Micro bevels on all edges. Production according to EN 13489. Variations are indicated in this technical datasheet.	
Tolerances		
Height offset	max. 0.30 mm	
Thickness	max. ± 1.00 mm	
Width	max. ± 1.00 mm	
Angular deviation	0.20% in width	
Transverse warping	0.70% in width	
Longitudinal curvature	in width 0.50% in width in narrow side 0.50% in length	
Wood moisture	9 % (± 2 %)	
Surface	unfinished (sanded with 150grit paper)	
Packaging	shrink-foil	
Grading	Free class according to EN 13489. Company-gradings: markant, nature, select For detailed information take a look at datasheet „Grading Oak plywood planks“.	
Installation	Fully glued down, max. 140 mm width with respect to DIN 18356 (Parkettarbeiten), DIN 18202 (Ebenheitstoleranzen), VOB (current version).	
Underfloor heating	Suitable under the conditions of: max. 140 mm width fully glued down on screed using suitable adhesives water based underfloor heating only, no electrical heating standardized installed screed take note of the max. permitted moisture of the screed (moisture measurement) surface temperature of the wood floor may be max. 26°C uniform heating of the surface	
Thermal insulation resistance	0,09 qm K / W (λ = 0,17)	
Application area	Suitable for all areas (private homes, commercial buildings). Rooms with normal indoor climate (VOB/C DIN 18356).	
Inflammableness	Dfl-s1 (normally inflammable)	
Emission class	E1	
Effective date	01.02.2024	
Rights	Soulum Manufaktur Kft. reserves the right to make product modifications if this will improve the quality.	

	Emission proved and certificated product to DIBT-principles.		Suitable for underfloor heating.		High static resilience due to highquality plywood and specific toplayer bonding.
	Fire behaviour EN 13501-1 4 mm TL: Dfl-s1 (normally inflammable)		We are using only wood from sustainable forestry. Our oak comes always from the same region.	