

TECHNICAL PRODUCT INFORMATION / DATA SHEET



Product: 21 mm Plywood Engineered Oak - Plank
Version: FEB25

Dimensions & tolerances		Tolerance
Total thickness	21 mm - 13/16"	+/- 1 mm
Base layer	15 mm - 19/32" - 100% Birch plywood	+/- 0,3 mm
Top layer	6 mm - 1/4" - French Oak	+/- 0,7 mm
Available plank widths in mm	140 - 160 - 180 - 200 - 220 - 240 - 260 - 280 - 300 - 320 - 340	+/- 0,1 mm
Available plank widths inches	5 ½" - 6 ½" - 7" - 8" - 8 ½" - 9 ½" - 10 ¼" - 11" - 12" - 12 ½" - 13 ½"	+/- 0,1 mm
Moisture	8-10%	
RMD - Moisture	7-9 % for dry climate areas - option	
lengths	Variable between 1500 and 3000 mm	Max. 5% < 1500 mm
Cup (max)	≤ 180 mm: 0,4 mm and > 180 mm: 0,5 mm	
Bow (max)	25 mm	
Spring (max)	1,5 mm	
Lipping (max)	0,2 mm	
Profile	* Tongue and groove on 4 sides (standard) - long sides only or no T&G possible on request * Micro-bevel of 1,0 mm on all sides (standard) - long side or no bevel possible on request	

TECHNICAL specification:	
Wood specie	French Oak, Quercus Robur PEFC Certified managed forests (FSC on request)
Plywood	100% Birch plywood CP/C - FSC WBP Glue construction (72 hours water boiled proof) Fire Class C fl - S1
Formaldehyde emissions Plywood	Formaldehyde free
Formaldehyde emissions Glue	Rakoll 4933 - 100% Formaldehyde free

GRADING description:	
Rustic	
* Unlimited live knots up to 60 mm, dead (filled) knots up to 20mm diameter. * Small splits and cracks allowed, clear colour variation and more vivid timber structure. * Limited small bark pockets allowed, end splits up to the size equal to the width of the board are allowed. * Edge sap possible in some occasions, limited to 10% of the width of the board. * Small amounts of dark heart wood allowed.	
Light Character	
* Live knots up to 35 mm, dead (filled) knots up to 15 mm diameter. * Natural colour variations. * No limitation on the number of knots per board. * No bark pockets or worm holes allowed; a bit more lively look. * No sapwood	
Select/ Bis	
* Highest quality timber, no sapwood. * Pin knots both live and dead (filled) up to 10mm diameter of no more than 3 knots per board allowed. * Natural colour variations, clear uniform structure. * No bark pockets, splits or worm holes allowed	

GENERAL INFORMATION	
Transportation:	
During transportation the product must be laid on a flat, stable surface and must be kept dry. Beware the product does not shift or fall down during transport.	
Acclimation:	
Allow the boards to acclimatize for 72 hours in the room in which they will be installed. During this time, position the parquet strips horizontally, making sure they are stable and level, at a distance of at least 50 cm from the wall.	
Storage Instruction:	
Product must be stored in places, where relative humidity is from 45-60%, temperature 18-25°C (64-77°F). Boards should be kept in original packages/ bundles. Good place to keep is a room where it will be laying and using and it mustn't lay directly on the floor- insulator should be used (cardboard, Styrofoam, pallet)	
Subfloor Heating & Cooling:	
Our engineered floors are suitable for subfloor heating and cooling.	