

Technical datasheet

Plywood planks Oak 12/4 mm

TimberTech

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Type of flooring	1-strip plywood plank with Oak top layer
Construction	Core material: Birch/Birch plywood, multilayer, cross-bonded. Top layer: European Oak
Thickness	approx. 12 mm
Top layer	approx. 4 mm
Surface width	120, 140, 180 mm
Lengths	Mixed, min. 600 – max. 2400 mm. Distribution according to availability. No entitlement of specific lengths. Average length at least 1500 mm.
Profile	Tongue and groove on all four sides. Micro bevels on all edges.
Norm	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, cardboard on both sides (at the head)

Grading

Free class according to EN 13489. Company-grading: markant
For detailed information take a look at datasheet „Grading Oak plywood planks“.

Installation

Fully glued down, max. 180 mm width with respect to
DIN 18356 (Parkettarbeiten), DIN 18202 (Ebenheitstoleranzen), VOB (current version).

Underfloor heating

Suitable under the conditions of:

- max. 180 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. 29°C
- uniform heating of the surface

Thermal insulation resistance

0,08 qm K / W ($\lambda = 0,17$)

Application area

Suitable for all areas (private homes, commercial buildings).
Rooms with normal indoor climate (VOB/C DIN 18356).

Inflammableness

D_{fl}-s1 (normally inflammable)

Emission class

E1

Effective date

01.02.2018

Timbertech Kft. reserve the right to make product modifications if this will improve the quality.

	Emission proved and certificated product to DIBT-principles.		Suitable for underfloor heating and floor cooling.		High static resilience due to high-quality plywood and specific top-layer bonding.
	Fire behaviour EN 13501-1 4 mm TL: D _{fl} -s1 (normally inflammable)		We using only wood from sustainable forestry. Our Oak comes always from the same region (within 160 km).		