


# TERRA MATER

EXCEPTIONAL HARDWOOD FLOORING

## Technical Data Sheet - TimberTech Solid wood planks Oak 21 mm

<p><b>Type of flooring</b>  <b>Construction</b>  <b>Thickness</b></p> <p><b>Surface width</b>  <b>Lengths</b></p> <p><b>Profile</b>  <b>Norm</b></p> <p><b>Tolerances</b>  Height offset  Thickness  Width  Angular deviation  Transverse warping  Longitudinal curvature  in width  in narrow side</p> <p><b>Wood moisture</b>  <b>Surface</b>  <b>Packaging</b>  <b>Grading</b></p> <p><b>Installation</b></p> <p><b>Underfloor heating</b></p> <p><b>Thermal insulation resistance</b>  <b>Application area</b></p> <p><b>Inflammableness</b>  <b>Emission class</b>  <b>Effective date</b></p>	<p>Solid wood plank European Oak  Solid  approx. 21 mm</p>  <p>140, 180, 220 mm  Mixed, min. 600 – max. 2400 mm. Distribution according to availability.  No entitlement of specific lengths. Average length at least 1200 mm.  Tongue and groove on all four sides. Right and left planks. Micro bevels on all edges.  Production according to EN 13629.  Variations are indicated in this technical datasheet.</p> <p>max. 0.30 mm  max. <math>\pm 1.00</math> mm  max. <math>\pm 1.00</math> mm  0.20% in width  0.70% in width</p> <p>0.50% in width  0.50% in length</p> <p>9 % (<math>\pm 2</math> %)  unfinished (sanded with 150grit paper)  shrink-foil, cardboard on both sides (at the head)  Free class according to EN 13629. Company-gradings: markant, nature, select  For detailed information take a look at datasheet „Grading Oak solid wood planks“.  Fully glued down, max. 220 mm width with respect to  DIN 18356 (Parkettarbeiten), DIN 18202 (Ebenheitstoleranzen), VOB (current version).  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. 29°C  -uniform heating of the surface  0,12 qm K / W (<math>\lambda = 0,17</math>)  Suitable for all areas (private homes, commercial buildings).  Rooms with normal indoor climate (VOB/C DIN 18356).  In relation to the indoor climate (air humidity, temperature) joints or expansions  may occur at times. Keep distancesfor expansions.  Dfl-s1 (normally inflammable)  E1  01.02.2018</p>
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Timbertech Kft. reserve the right to make product modifications if this will improve the quality.



Fire behaviour EN 13501-1  
Cfl-s1 (low flammable)



Suitable for underfloor heating and floor cooling.



We using only wood from sustainable forestry.  
Our Oak comes always from the same region (within 160 km).

