

# Quercus

Product Specifications	
Type	Engineered European Oak
Thickness	15mm / 4mm
Surface	Matt Finish
Board width	190mm
Board Length	1900mm
Profile	T & G
Product Grade	ABCD
Pack Size	2.166 m <sup>2</sup>
Janka Hardness	6.6 kN

## Features

- Moisture Content: 8-10%.
- Density: 0.75g/cm<sup>2</sup>.
- Tongue and Groove profile can be installed as either direct stick or floated and is the preferred choice creating a silent and comfortable outcome.
- Including <25% random short boards in each box.



### Critical Radiant Flux Test

Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source

Date of Sample Arrival 15/05/2019

Date Tested 10/07/2019

CHF Value	1	2	3	Mean
Length	5.4	-	-	- kW/m <sup>2</sup>
Width	3.0	3.4	3.4	3.3 kW/m <sup>2</sup>
HF-30 Value	1	2	3	Mean
Length	-	-	-	- kW/m <sup>2</sup>
Width	3.1	-	3.8	- kW/m <sup>2</sup>
Smoke Value	1	2	3	Mean
Length	19	-	-	- % .min
Width	6	16	12	11 % .min
Blistering				Yes
Penetration of flame through to substrate				Yes
Glowing				Yes

### WET PENDULUM SLIP RESISTANCE TEST

<b>Specimen Description:</b>	European Oak 15/4 (Quercus) plank, 190x1000 mm.
<b>No. of Specimens:</b>	5 off (Sampling Conducted by Client)
<b>Specimen Preparation:</b>	Washed with water and pH neutral detergent, rinsed then dried.
<b>Test Condition &amp; Slope:</b>	Unfixed, N/A
<b>Test Direction:</b>	Test conducted parallel with grain of timber.
<b>Air Temperature:</b>	21°C
<b>Test Standard:</b>	AS 4586:2013 Slip resistance classification of new pedestrian surface materials, Appendix A - Wet Pendulum Test
<b>Test Location:</b>	ATTAR Unit 1, 64 Bridge Road, Keysborough.
<b>Test Date:</b>	28 February 2019
<b>Test Equipment:</b>	Munro Stanley Pendulum Skid Resistance Tester Serial Number 0320, Calibrated 03/05/2018.
<b>Slider Rubber:</b>	Slider 96 Batch No. #81 prepared on P400 & 3µm lapping film.
<b>Test Personnel:</b>	Dale Siegle

<b>Specimen Number</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Mean British Pendulum Number (BPN)</b>	41	41	49	43	43
<b>Slip Resistance Value (SRV)</b>	<b>43</b>				
<b>Classification</b>	<b>P3</b>				

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked. Where alternatives are permitted by the standard, the choice of rubber slider used may also influence the test results obtained.

Disclaimer: we have used its reasonable endeavours to ensure the accuracy and reliability of the information contained herein and, to the extent permitted by law, will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information. Products must be installed in accordance with relevant installation recommendations and industry best practices.



## Installation Guidelines

A range of optimum methods are discussed and we encourage you to use professional contractors to ensure the flooring is correctly installed. All direct fix slab installations require an appropriate Moisture Barrier (MB) system. A system approach with a compatible MB and elastomeric adhesive are required to support warranty provisions. Substrate flatness is critical; sub-floor should not exceed 3 mm over a 3 m radius in all directions. Any hollows or humps need to be assessed and rectified prior to installation. Please follow manufacturer's guidelines for levelling compound application and drying times.

We do not recommend our T&G HTT Flooring European Oak to be direct fixed to a joist and bearer system. The 21mm product can be installed on an approved batten system; acoustic performance may be affected with this method. Batten spacing maximum 300 to 400mm. Mid span end joins require sub-batten. All short end joins require H-pattern, cross linked PVA on short and long edges to secure joins. 12- and 15-mm thicknesses are not suitable for fixing directly to battens.

HTT Flooring European Oak T&G planks can be installed for vertical wall features. There are various methods of fixing applicable to this type of application. Please consult with your contractor to assess the optimum approach as each application will vary from site to site. Generally, a combination of secret nailing along with an elastomeric adhesive will provide a suitable fixing. Please note: Our structural warranty covers the professional installation of HTT Flooring European Oak 21 mm for use over, In-slab Under-floor heating only. The warranty will cover both methods of installation (Direct Fix & Floating) provided the heating system is operated and installed in compliance with the very strict guidelines of the heating manufacturer's recommendations. The system should never be operated with heat settings in excess of 27 degrees Celsius. No other type of heating system other than in-slab systems will be covered by our structural warranty.

## CUSTOMER MAINTENANCE & CARE GUIDELINES

### Hardwood/Engineered Floor Care & Maintenance Guide

#### Preventative Maintenance

It is only natural that hardwood floors will show signs of wear over time. You can expect years of beauty from your floor by observing a few precautions and maintaining regular cleaning and maintenance routines.

- Keep dirt, sand, grit and water off the floor by placing outside mats in front of all entrances to your home.
- Sweep or vacuum regularly to rid the floor of dust and grit that can scratch the finish.
- Remove shoes with spiked or damaged heels before walking on the floor to prevent scratches and dents.
- Keep pets' claws trimmed, paws cleaned and free of dirt or soil.
- Always apply felt pads under any furniture or chair legs to prevent scratches and to ease movement. Keep pads clean at all times and regularly check and replace as necessary.
- Protect the floor when moving heavy furniture or large appliances. Place on mat and slide smoothly over floor.
- Never flood or wet mop floor with water or any other liquid products. Severe damage may occur that voids the warranty.



## HTT FLOORING PTY LTD

- Wipe up spills immediately with damp cloth.
- Exposure to sunlight with its UV rays accelerates oxidation and aging of materials. This may change the colour of the floor. Periodically rearrange the furniture to allow the floor to age evenly. Ongoing Routine

### Care and Maintenance

1. Vacuum, sweep or dust mop your floor once a week, or more if needed. The vacuum head must be brush or felt, and a wand attachment is preferable. Do not use vacuums with beater bars or hard heads.
2. Spills and tracked-in dirt should be wiped up immediately. For spot cleaning, apply Spray Cleaner onto a clean cloth and rub into the spot.
3. Periodically, as necessary, thoroughly clean the floor with Hardwood Spray Cleaner using a swivel-head mop with terry cloth cover. Spray the floor cleaner directly onto the floor or dampen the swivel-head mop and apply. **DO NOT** allow excess Hardwood Spray Cleaner to remain on the floor's surface. Excess liquid may damage the fibre of the wood.
4. Use interior and exterior doormats at all entrances to collect dirt and moisture and prevent it from being tracked onto the floor.
5. Area rugs are recommended in front of kitchen sinks, at all pivot points within high traffic areas. Do not use rugs with solid rubber or vinyl backings. The rugs must be made of a breathable material to prevent moisture entrapment.
6. Never clean or wet mop with water, it may permanently damage the floor.
7. Never use any of the following products (or similar in nature) on your floor: ammonia-based cleaners, acrylic finishes, wax-based products, bleach, polishes, oil soap, abrasive cleaning soaps, or acidic materials such as vinegar. Many of these products pit or etch the finish of your flooring or prevent the proper use of recommended maintenance materials.
8. Keep animal nails trimmed to minimise finish scratches.
9. Do not damage your floor with shoes having heel taps or sharp objects protruding from the sole such as rocks, nails or gravel.
10. Avoid walking on wood floors with spike or stiletto heeled shoes. Spike or stiletto high heels must be properly maintained to prevent damage from the steel heel support.
11. Do not roll or slide heavy objects directly upon the floor. When moving appliances or heavy furniture, consider laying a solid protective covering on your floor and gently "walk" the item across it. Carpet or cardboard is not adequate to prevent surface compression scratches.
12. Use furniture leg protector pads under all furniture and make certain to keep them clean and well maintained.
13. Replace hard, narrow furniture rollers with wide rubber rollers.
14. Protect your floor from direct sunlight. Use curtains and UV resistant film on large glass doors and windows. Colour shade variation can occur if the floor is exposed to direct sunlight.
15. The use of a steam mop is not recommended on any of our floors