



SmartOAK®



PRODUCT INFORMATION

TasOAK PRE-FINISHED FLOORING

March 2016

PRODUCT INFORMATION



SMARTOAK
Sustainable Tasmanian Hardwood

Product specifications may change without notice in accordance with our policy of continued development and improvement. Every care has been taken in preparing the information contained in this publication, however no responsibility will be accepted for any inaccuracies that may have arisen; no liability will be accepted for loss or damage either direct or consequential arising out of or in relation to the use or application of the information contained herein.

1 PRODUCT DESCRIPTION

The name Tasmanian Oak was originally used by early European timber workers who believed the eucalypts showed the same strength as English Oak. The name in Tasmania is used for three almost identical species of eucalypt hardwoods that are normally marketed collectively. *E. delegatensis* grows at higher altitudes, while *E. regnans* is found in wetter sites. *E. obliqua* has a wide distribution.

Tasmanian Oak is light in colour, varying from straw to reddish brown with intermediate shades of cream to pink. It is recognised for its excellent staining qualities.

TasOAK Prefinished Flooring comprises laminates of Tasmanian grown veneers produced from logs that otherwise would be converted to paper pulp. TasOAK Prefinished Flooring's long life and durability prevents precious carbon being released to atmosphere, enhancing the sustainability of our environment. It provides the benefits of a solid timber floor without relying on large sawlogs.

The TasOAK pre-finished flooring system is quick and easy to install over joists, as a floating floor or glued directly (direct-stick) to a subfloor.

2 FEATURES AND BENEFITS

TasOAK Pre-Finished Flooring provides the timeless beauty, warmth and durability of wood. It can be sanded, stained and resealed many times to suit its owners changing tastes, always recreating its hypo-allergenic surface.

- Easy to maintain and clean
- Long lasting and hard wearing
- Install over multiple substrates, existing strip flooring, battens, sheet flooring, joists, concrete,
- Readily re-stained to change the floor appearance
- Sustainable timber sourced only from certified forests
- Low environmental impact

SPECIFICATIONS

Board Sizes	Width and Thickness	190mmX18mm
Wear layer	Thickness above T&G	8mm
Surface durability	Resistance to surface damage	Very durable
Density	825 (763 - 881)	(kg/m ³)
Modulus of Elasticity	16.3 (14.8 - 18.4)	(GPa)
Janka Hardness	5.3 (4.4 - 6.3)	kN
Critical Radiant Flux	8.1 (6.2 - 9.8)	(kW/m)
Formaldehyde		E ₁
Carbon storage	>300	Kg/m ³
Finish	Treffert Waterborne polyurethane resin	Aluminium oxide reinforced odourless treatment Resistant to light and yellowing.

3 INSULATION

Significant factors affecting the "R" values include floor height above ground, soil type and relative humidity zone, whether the site is sheltered or exposed and whether the subfloor is open or closed. Typical R Values are:

Season	Winter		Summer	
	Open	Closed	Open	Closed
Subfloor				
Joists	0.7-0.9	0.9-1.8	0.5-0.6	0.7-1.6
Sheet floor	1.1-1.2	1.3-2.2	0.7-0.8	0.9-1.8
RFL under joist	1.7-1.8	1.9-2.5	0.8-0.9	1.0-1.6

For technical queries please contact

smartoak@iinet.net.au

Phone 03 6231 9095



SMARTOAK
Sustainable Tasmanian Hardwood

PRODUCT INFORMATION