

## Tongue & Groove Flooring

A genuine solid hardwood floor has long lasting value that reflects the beauty of nature. Some of the benefits of a solid hardwood floor are its durability, environmental credentials, health aspects, ease of installation and low maintenance. At ITI Timspec, we can offer a great selection of New Zealand, Australian, American and European hardwoods. Hardwood flooring requires correct installation. We recommend using a professional, qualified floor layer. The ATFA website below offers a great resource of trade information and installation information or talk to us about recommended floor layers in your area.

### Solid Hardwood Flooring ♦ Engineered Flooring



Australian Oak



Spotted Gum



The Australasian Timber Flooring Association (ATFA) is the leading governing body for timber floors and timber floor installation contractors, manufacturers and suppliers.

Their mission is to improve effectiveness, quality, competitiveness and standards in the industry. ATFA are a member based timber flooring association which provides information and services to its members and consumers.

ITI Timspec is a proud member of ATFA and committed to ATFA codes of conduct.

For more information on ATFA, please visit, [www.atfa.com.au](http://www.atfa.com.au)



Most of our flooring timber species are FSC® or PEFC™ certified. Look for our FSC® certified products on page 5 and 6 or on our website.



Email: [sales@ititimspec.co.nz](mailto:sales@ititimspec.co.nz)



American White Oak

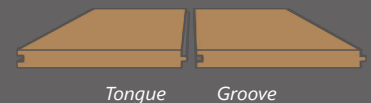
#### CARE & MAINTENANCE FOR T&G FLOORING

- ✦ The advantage of timber flooring is that it is easy to keep clean.
- ✦ Regular maintenance of flooring will ensure a life time of beauty.
- ✦ For daily cleaning, use dry methods such as vacuuming and sweeping. To remove stubborn dirt, use well-rung mop and a pH neutral cleaner. Do not clean timber floors with a steam mop.
- ✦ Place doormats at entrances, non-slip rugs in high-wear areas and protective pads under furniture legs.
- ✦ Do not use abrasive brushes, steel wool, soap detergents or ammonia based cleaners.
- ✦ Take care when moving appliances and furniture by placing them on a sturdy mat to slide in to position.

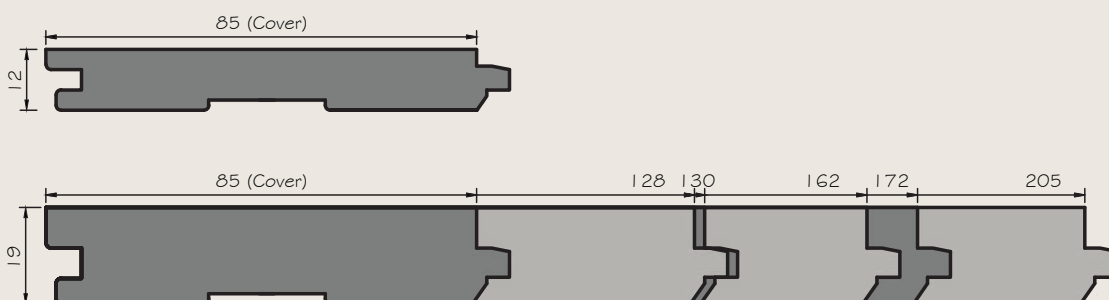
### SOLID HARDWOOD FLOORING

Solid hardwood flooring is constructed by butting one plank of timber to another and locking into place with a tongue and groove (T&G) joint. Typically, it is milled from a single piece of kiln dried timber before machining. Solid hardwood flooring has a thicker wear strip and is considered to be long lasting, durable and resilient. It is relatively easy to maintain and it can be sanded and coated numerous times over its life to give a fresh surface finish.

At ITI Timspec, we supply a variety of solid T&G flooring species covering a wide range of grain, colour and sizes. For installation of T&G flooring, please refer to the manuals supplied by ATFA (Australasian Timber Floor Association) or refer to our ITI Timspec T&G installation guide at [www.ititimspec.nz](http://www.ititimspec.nz) Page 5 & 6 displays the list of T&G flooring hardwood species, available at ITI Timspec.



(a). Basic tongue and groove joint



- Note:
1. Sizes from 162mm and larger are available only in American hardwoods
  2. 130X19mm is available only in Spotted Gum and Blackbutt





Engineered European Oak



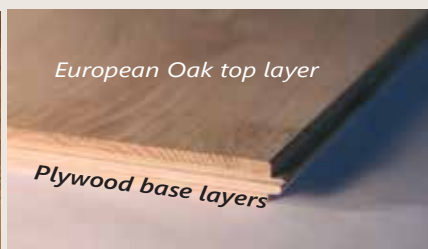
## ENGINEERED HARDWOOD FLOORING

Engineered flooring is constructed by adhering one layer of wood or lamella (thin strip typically 4-6mm) onto a stable base. The base is often plywood. The in order to form a plank on a stable base. It consists of a substrate of plywood and the top layer is a hardwood species. Engineered flooring is end matched in standard lengths, so it is faster to lay and is a more stable option. Once installed, engineered flooring looks, feels and performs like solid hardwood flooring. The degree of expansion and contraction of engineered flooring is less than solid hardwood flooring especially over a heated subfloor. It is durable, tough and thus can be installed in heavy foot traffic areas in commercial or domestic spaces. It can be sanded and re-coated from time to time giving a fresh surface finish when required. To download Installation guide, please visit [www.atfa.com.au](http://www.atfa.com.au) or [www.ititimspec.nz](http://www.ititimspec.nz)

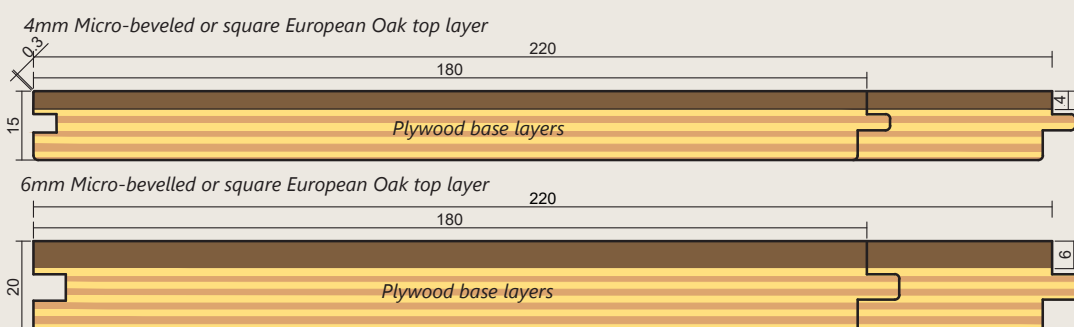
- Prefinished flooring means no sanding or the job site. However, it does mean a small “V” on edge of board of the floor.

### ENGINEERED FLOORING SPECIES

#### 1. EUROPEAN WHITE OAK ENGINEERED PROFILE



Our product is sourced from Poland and is FSC® certified. It has no formaldehyde emission (CARB2- compliant). ITI Timspec’s stock is generally topped with 4mm or 6mm European White Oak.



European White Oak is stocked in square edge and micro-bevelled

#### Prime & Rustic Grade

180X15 by 2400mm 4mm Oak top (SQ/ MB)

220X15 by 2400mm 4mm Oak top (SQ/ MB)

180X20 by 2800mm 6mm Oak top (SQ)

220X20 by 2800mm 6mm Oak top (SQ)

## 2. AUSTRALIAN HARDWOODS - ENGINEERED PROFILES

### a). Blackbutt & Spotted Gum - Engineered Profiles:

Spotted gum and Blackbutt engineered flooring is designed with a quality multi-layer construction, providing a stable timber floor with easy installation over a number of surfaces. Available in 186mm wide board. The boards have a four side patented "Uniclic" system for a tight board to board fit and consistent finish. This type of flooring can be glued or floated over a level sub-floor, concrete base, particle board or plywood sheeting and over old timber floors or tiles. Clear coating highlights the natural colour and timber features. For further information see the Boral® ITI Timspec installation guide at [www.ititimspec.nz/Downloads/](http://www.ititimspec.nz/Downloads/)

**Coatings:** 186mm board is coated with a 10% UV acrylic matte and brushed for added texture.

**Board Length:** 186mm board: 2.2m long full board (186mm), bundles include some nested boards

**Spotted Gum:** It is a very attractive timber with moderately coarse texture and typically wavy grain, strong and durable with good amount of natural oils. The heartwood ranges from a pale brown, dark chocolate brown to deep red-brown, while the sapwood is white to light brown in colour.

**Blackbutt:** The bark on the lower part of the trunk is dark grey-brown in colour, fibrous and fissured. Typical smooth gum type bark lighter in colour occurs on branches and the uppermost part of the trunk. This is the reason, it has been named blackbutt. The heartwood ranges from golden yellow to pale brown, although occasionally a slight pinkish colour may be present. Sometimes the sapwood is indistinguishable from the heartwood but usually it is slightly paler in colour. Grain is moderately coarse textured and relatively uniform

For more information on Blackbutt and Spotted Gum, please turn over to page 5

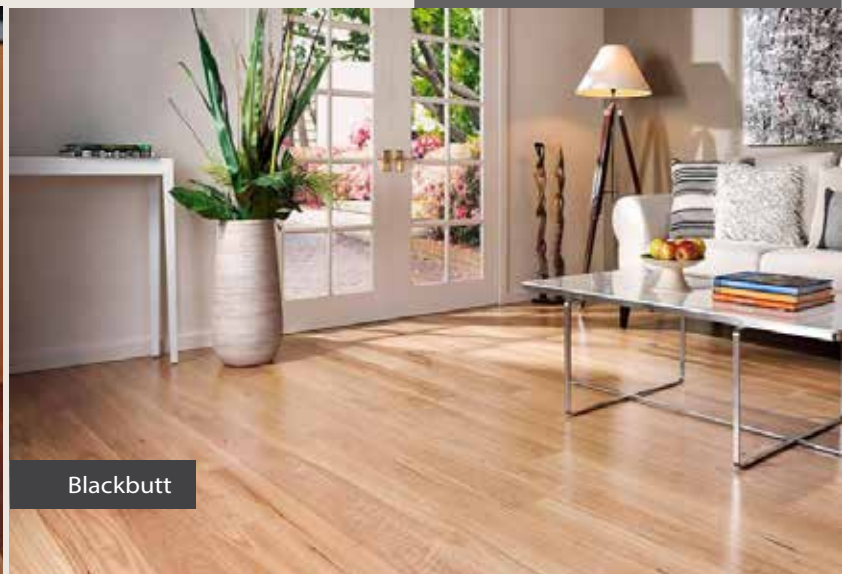


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Spotted Gum

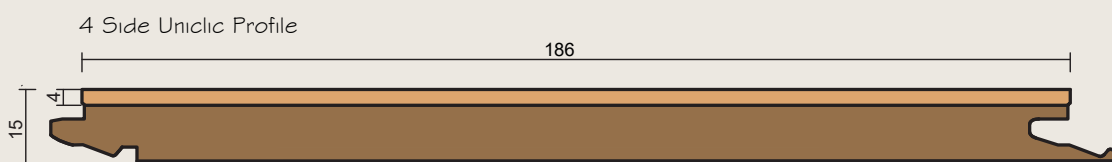


Blackbutt

Board Length:

186mm board: 2.2m long full board (186mm), 2 nested boards

For more information on Blackbutt and Spotted Gum, go to page 5



**American Hard Maple**



**Scientific Name:** *Acer saccharum*  
**Availability:** Solid hardwood  
**Grade:** Prime  
**EX. Sizes:** 100X25, 150X25, (mm) 200X25 (Run to order).  
**Certification:** PEFC™

**American Red Oak**

**Scientific Name:** *Quercus rubra*  
**Availability:** Solid hardwood  
**Grade:** Prime, Antique  
**EX. Sizes:** 100X25, 150X25, (mm) 200X25, 225X25

**American White Oak**

**Scientific Name:** *Quercus spp*  
**Availability:** Solid hardwood  
**Grade:** Rustic, Prime and Antique  
**Ex. sizes:** 100X25, 125X25, 150X25, (mm) 175X25, 200X25, 225X25

**American White Ash**

**Scientific Name:** *Faxinus americana*  
**Availability:** Engineered/ Solid hardwood  
**Grade:** Prime  
**Ex. sizes:** 100X25, 125X25, 150X25. (mm) (Run to order)

**Australian Blackwood**



**Scientific Name:** *Acacia melanoxylon*  
**Availability:** Solid hardwood  
**Grade:** Select Heart  
**Ex. sizes:** 100X25, 150X25. (mm)  
**Certification:** PEFC™

**Australian Oak**



**Scientific Name:** *Eucalyptus delegatensis,*  
**Availability:** Solid hardwood  
**Grade:** Select  
**Ex. sizes:** 100X25, 150X25. (mm)  
**Certification:** PEFC™

**Blackbutt (Pilularis), Australia**



**Scientific Name:** *Eucalyptus pilularis*  
**Availability:** Engineered/ Solid hardwood  
**Grade:** Select Heart  
**Ex. sizes:** 150X25(Solid), 185X14 (mm) (Engineered)  
**Certification:** PEFC™

**Black Walnut, USA**

**Scientific Name:** *Juglans nigra L*  
**Availability:** Solid hardwood  
**Grade:** Super Prime  
**Ex. Size:** 100X25, 125X25, (mm) 150X25, 200X25, 250X25

**European White Oak**



**Scientific Name:** *Quercus robur*  
**Availability:** Engineered hardwood  
**Grade:** Prime & Rustic Grade  
**Ex. Size:** 180X15, 225X15, 180X20, (mm) 220X20. Go to page 3 for more information on size.  
**Certification:** FSC®

**Jarrah**



**Scientific Name:** *Eucalyptus marginata*  
**Availability:** Solid hardwood  
**Grade:** Prime  
**Ex. sizes:** 100X16, 100X25, (mm) 150X25  
**Certification:** PEFC®

**Kwila**



**Scientific Name:** *Intsia spp*  
**Availability:** Solid hardwood  
**Grade:** Select  
**Ex. sizes:** 100X16, 100X25, (mm) 150X25.  
**Certification:** FSC®

**Roasted White Ash, USA**

**Scientific Name:** *Faxinus americana*  
**Availability:** Solid hardwood  
**Grade:** Prime  
**Ex. sizes:** 100X25, 125X25, (mm) 150X25. (Run to order)





**Roasted White Oak, USA**

**Scientific Name:** *Quercus spp*

**Availability:**

**Grade:** Solid hardwood  
**Ex. sizes (mm):** Rustic, Prime, Antique  
 100X25, 125X25, 150X25, 175X25, 200X25, 225X25



**Rosewood**

**Scientific Name:** *Pterocarpus indicus*

**Availability:** Solid hardwood

**Grade:** Select  
**Ex. sizes (mm):** 100X25, 150X25, 200X25.



**Spotted Gum**



**Scientific Name:** *Corymbia maculata*

**Availability:** Engineered/ Solid hardwood

**Grade:** Select

**Ex. sizes (mm):** 200X25(Solid), 185X14 (Engineered).

**Certification:** PEFC™



**Taun/ Akwa**



**Scientific Name:** *Pometia pinnata*

**Availability:** Solid hardwood

**Grade:** Select

**Ex. sizes (mm):** 100X16, 100X25, 150X25.

**Certification:** FSC®

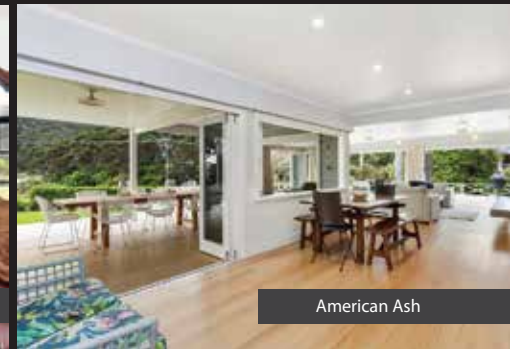
Ex. Size = Nominal size



American White Oak



Australian Blackwood



American Ash

## Ordering

- Order flooring with ample lead time (up to 4 weeks) to allow for on site conditioning prior to installation. Typically, installation moisture content for residential buildings intermittently heated is 10-14% and 8-10% in air conditioned or controlled temperature buildings. However, room orientation, insulation or heating provided and window size will influence the in-service moisture.
- Most American hardwoods have 7-9% moisture content which is drier than most New Zealand species.



## Delivery and Storage



- Check moisture content on delivery.
- Make sure timber flooring is kept dry. Do not store in damp areas.
- Stack timber on bearers or dunnage clear of the floor on a level surface within a dry weatherproof space.
- Do not stack timber over a concrete slab which has moisture content of more than 70%.

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Find us on

