



T&G Flooring

Not all profiles are held in stock, a 3-week lead-time for machining may apply.
Prices are per square meter and exclude both GST and freight from our Auckland Warehouse.

Minimum order quantity of 75M2 per profile applies.

Prices are current as of 14th March 2011.

<u>Species</u>	<u>Picture</u> <i>(Indicative Only)</i>	<u>Grade</u>	<u>83 - 85</u> <u>x 12mm</u>	<u>80 - 85</u> <u>x 19mm</u>	<u>108</u> <u>x 19mm</u>	<u>128 - 133</u> <u>x 19mm</u>	<u>172 - 185</u> <u>x 19mm</u>
<i>FSC Certified</i> Cherry Beech <i>Maple Beech also available</i>		<i>Dressing A</i>	\$67.47 <i>(83mm Cover)</i>	\$83.74 <i>(83mm Cover)</i>		\$81.25 <i>(128mm Cover)</i>	
Jarrah		<i>Prime</i>	\$73.50 <i>(83mm Cover)</i>	\$87.35 <i>(83mm Cover)</i>		\$94.54 <i>(128mm Cover)</i>	
Kwila (Merbau)		<i>Select</i>	\$39.42 <i>(85mm Cover)</i>	\$56.48 <i>(85mm Cover)</i>		\$59.40 <i>(133mm Cover)</i>	\$77.30 <i>(174mm Cover)</i>
<i>FSC Certified</i> Oak, European		<i>Prime</i> <i>Rustic</i>				\$132.82 <i>(128mm Cover)</i>	\$133.14 <i>(172mm Cover)</i> \$95.06 <i>(172mm Cover)</i>
Oak, USA Red		<i>FAS</i>				\$66.02 <i>(128mm Cover)</i>	\$65.99 <i>(172mm Cover)</i>
Oak, USA White		<i>FAS</i> <i>Rustic</i> <i>Antique</i>				\$71.10 <i>(128mm Cover)</i> \$58.21 <i>(128mm Cover)</i> \$50.00 <i>(128mm Cover)</i>	\$74.13 <i>(172mm Cover)</i> \$56.98 <i>(172mm Cover)</i> \$50.00 <i>(172mm Cover)</i>
Roasted Oak		<i>FAS</i>			\$89.82 <i>(108mm Cover)</i>		
Pilularis		<i>Select Heart</i>	\$58.44 <i>(83mm Cover)</i>	\$65.67 <i>(83mm Cover)</i>		\$75.79 <i>(128mm Cover)</i>	
Rosewood		<i>Select</i>		\$81.93 <i>(83mm Cover)</i>		\$74.22 <i>(128mm Cover)</i>	
Saligna		<i>Select Heart</i>	\$58.44 <i>(83mm Cover)</i>	\$65.67 <i>(83mm Cover)</i>			
Spotted Gum		<i>Select</i>	\$82.54 <i>(83mm Cover)</i>				
<i>PEFC Certified</i> Tasmanian Oak <i>(End Matched)</i>		<i>Select</i> <i>Standard</i> <i>High Feature</i>	\$47.06 <i>(85mm Cover)</i>	\$58.53 <i>(85mm Cover)</i> \$51.77 <i>(85mm Cover)</i> \$42.36 <i>(85mm Cover)</i>	\$51.39 <i>(108mm Cover)</i> \$54.63 <i>(108mm Cover)</i> \$43.99 <i>(108mm Cover)</i>	\$60.16 <i>(133mm Cover)</i> \$55.27 <i>(133mm Cover)</i> \$43.61 <i>(133mm Cover)</i>	\$77.03 <i>(185mm Cover x 22mm Thick)</i>
Taun		<i>Select</i>				\$59.78 <i>(133mm Cover)</i>	

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T&G Flooring Installation

Timber is a natural material which will move in response to changes in the humidity of the air. Installing timber strip flooring following these guidelines will minimise the risk of a disappointment in the floor due to excessive movement. Where timber is subjected to extreme conditions the effect of the movement may become obvious.

Design

- DO NOT** specify pre-laying of timber strip floors
- DO NOT** exceed the maximum joist spacing for the timber flooring thickness (refer NZS 3604).
- DO NOT** expose timber to excessive levels of UV light. Timber requires protection from UV light (i.e. draw curtains, use tinted glass or use UV filters on glass windows to protect from sunlight).
- DO NOT** expose timber to excessive levels of heat. Timber requires adequate ventilation (houses should not be left closed up with direct sunlight or heating on flooring for a substantial length of time).
- CHECK** the intended moisture content is applicable for the situation (i.e. underfloor heating requires 7-8% M.C.).

Ordering

- DO** order the timber to be delivered at a moisture content as close as possible to the expected in-use moisture content - typical installation moisture contents for residential buildings is 10 to 14% in intermittently heated buildings and 8 - 10% in air conditioned buildings but room orientation, insulation or heating provided and window size will influence the in-service moisture content. Achieving a moisture content below 12% is difficult with current kiln drying and further conditioning (drying) under the expected environmental conditions may be required.
- DO** programme deliveries to have the timber delivered just before it is required (remember to allow for conditional time).

Delivery and Storage

- DO** check moisture content on delivery.
- DO** condition timber by strip stacking in a space which has the correct in-use moisture conditions (for timber way outside expected moisture content air drying may not be sufficient).
- DO** stack timber clear of the floor on a level surface within a dry weatherproof space.
- DO NOT** stack the timber over a concrete slab which has a moisture content of more than 70%.

General Installation

- DO NOT** pre-lay timber strip flooring.
- DO** have the building completely closed in before laying flooring.
- DO** check moisture content of the substructure and the flooring before laying.
- DO** handle boards carefully.
- DO** leave a 10mm gap around the perimeter of the timber floor to accommodate movement. Large area floors may require extra expansion gaps.
- DO** cramp the boards.
- DO** protect the edge of the timber when cramping.
- DO** under cut end joints when butt jointing.
- DO** make end joints over support unless boards have a T&G end jointing/end matching system.
- DO** seal all edges, ends and faces of the timber flooring boards before installation.

Adhering directly over Concrete

- DO** level the floor by grinding/filling if the concrete floor does not meet the 3mm in 3m levelness criteria.
- DO NOT** lay the flooring if the concrete floor moisture reading using a hydrometer exceeds 70%.
- DO** follow the recommendations for adhesive fixing that follow.

Installation over Joists or Battens Over Concrete or over First Floor Joists

- DO** level the framing before laying.
- DO** securely fix the battens/joists to the concrete.
- DO NOT** install flooring if the timber joists have a moisture content outside the range of 10 - 14% in intermittently heated buildings or 8 - 12% for air-conditioned buildings - ideally use kiln dried timber.

Installation Over Joists/Battens Over Ground

- DO** ensure the sub-floor is adequately ventilated - refer NZS 3604.
- DO** level the framing before laying.
- DO NOT** install flooring if the timber joists have a moisture content outside the range of 12 - 16% in intermittently heated buildings or 10 - 14% for air-conditioned buildings - ideally use kiln dried timber.

Adhesive Fixing

- DO** use an adhesive specifically designed for fixing timber to concrete or timber to timber.
- DO** press the timber firmly into the adhesive.
- DO** weight the floor until the adhesive is fully cured.
- DO** use nails in conjunction with adhesive when fixing to timber.
- DO NOT** use water-based adhesives.

Nail Fixing

- DO** face nail using annularly grooved nails with a length of 2.5 times the finished board thickness.
- DO** use double nailing on boards wider than 75mm.
- DO NOT** fix boards immediately adjacent to the cramps.
- DO** nail away from the cramps (from the board once removed from the cramp to the last board fixed).
- DO** keep the floor weighted when nailing to allow boards to be tightly fitted to the joists.
- DO** punch nail below the surface.
- DO NOT** secret nail timber profiles designed for face fixing.
- DO NOT** secret nail timber profiles wider than 85mm, wide profiles must be top nailed.

Finishing

- The use of an acrylic urethane is not recommended.**
- DO NOT** sand the floor until all work over the floor has been completed.
- DO** fill all nail holes after first sealer coat has been applied.

We would recommend that Merchants and/or Builders seek the latest advice from BRANZ on 0800 80 80 85 or via their web site at www.branz.co.nz for correct installation information.

T I M S P E C

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