

# Product Technical Statement



South Pacific Timber Kwila Decking- BPIR

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Designated Building Product : Class 2

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## DECLARATION:

South Pacific Timber (1990) Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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## COMPANY DETAILS:

Name	South Pacific Timber
Role	Manufacturer & Supplier
NZBN	9429039959591
Address	170 Stoddard Road Mt. Roskill
Website	<a href="http://www.southpacifictimber.co.nz">www.southpacifictimber.co.nz</a>
Email	<a href="mailto:sales@southpacifictimber.co.nz">sales@southpacifictimber.co.nz</a>
Phone	0800 778 462

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## DESCRIPTION OF BUILDING PRODUCT:

Kwila Decking is a top-tier timber product crafted for outdoor decking in New Zealand. Responsibly sourced, Kwila decking is renowned for its robustness, innate charm, and adaptability.

Kiln dried to approximately 14% moisture content (with a variance of +/- 2%), this decking material is widely preferred for residential and commercial decking ventures across the country.

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### PRODUCT PROFILES

140 x 20, 140 x 32, 90 x 20, 90 x 32, 45 x 20, 65 x 20, 90 x 20, 115 x 20, 140 x 20, 180 x 20, 42 x 32, 65 x 32, 90 x 32, 115 x 32, 140 x 32. 42 x 42, 65 x 45, 90 x 45, 115 x 45, 180 x 45, 280 x 45 (grip tread profile and/or smooth all round profile)

### KEY TECHNICAL SPECS

**Thickness:** 19 – 50mm

**Width:** 65 – 250mm

**Timber Species:** Kwila

**Durability:** Class 2 (15 – 25 years above ground)

**Maintenance:** Requires regular cleaning and re-coating for sustained quality decking applications.

### RELEVANT BUILDING CODE COMPLIANCE

NZ Building Code	
NZ3604 (2011)	Allowing for architectural integration into the construction project
NZ3602 (2003)	Decking must achieve a minimum of 15 years durability Table 2A.7

### SCOPE OF USE:

Kwila decking is a naturally durable timber that has been widely used throughout New Zealand and Australia for over 30 years. It is intended for use in exterior decking applications for residential and commercial landscaping construction. Kwila is a Class 2 durable species (durable for 15 – 25 years in above ground applications). We recommend the use of stainless steel fixings.

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### LIMITATIONS

- When putting in the Kwila Decking, make sure you're following the SPT Decking Guide instructions
  - Get the installation sorted by a pro with the trade qualifications or LBP registered person.
  - Good to go in different Kiwi environments, just stick to the local building codes and rules of compliance.
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### DESIGN REQUIREMENTS

- Tailor-made for using in decking for Kiwi homes and businesses.
  - Works seamlessly with different framing styles according to NZS 3604 (2011).
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### INSTALLATION

- All decking should be kept dry before installation. Storage of decking on site should be in a cool, dry place, out of direct sunlight
  - They must be installed elevated on bearers approximately 100mm from the ground. The maximum suggested span for 19mm thick hardwood decking is for joists to be at 450mm centres.
  - Board spacing should allow for air circulation, drainage and have consideration for seasonal movement. All timber will shrink as it dries and then swell as it takes on moisture. The degree to which this occurs will vary depending on timber species and site conditions, but it is mainly affected by the amount of ventilation provided.
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### MAINTENANCE

- Regular maintenance as outlined in the SPT Decking Guidelines.
  - Involves cleaning, inspecting, and re-coating as per specifications.
  - Maintenance frequency varies based on location and weather conditions.
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### CONDITIONS OF USE:

Kwila decking is a hardwood and may have small amounts of natural expansion and contraction relative to the environment it is installed in. If not oiled/ stained it will age to a silver-grey colour. The application of a good quality penetrating oil coating is recommended as it will enhance and protect your decking. Please refer to our 'Product Information Sheet' for more information regarding installation, care and maintenance. Installation to be carried out by a trade qualified or LBP registered tradesperson. Install as per local council regulations and NZ Building Code.