



PINE PRODUCTS (NZ) LTD

Premium Grade Decking

A superior quality grade of Radiata decking produced from a sustainable resource to a very high specification, allowing only small sound defects to create an aesthetically pleasing high quality decking.

Size (Nominal)	Actual	Treatment
100x25	88x21	H3.2
100x40	88x32	H3.2
150x40	140x32	H3.2

Profile is Grip Tread one side and smooth on the other.
Other profiles available - POA

Graded with best face to grip-tread profile. Upon request, the option to order the smooth face as the best face is available but an extended lead time may apply.

Defects permitted:

- Resin pockets(maximum 8mm wide by 60mm long, 3 per piece)
- Tight intergrown knots (maximum ¼ cross section)
- Cone Holes (maximum 2 per piece)
- Spike knots intergrown (maximum 20mm width, 1 per piece)
- Crook (maximum 20mm in 3.6m)
- Sloping grain (maximum 1 in 5)
- Sapstain - insufficient to obscure the grain

Defects NOT permitted:

Pith, bark-encased or partially bark-encased knots, hit & miss, wane, splits and checking



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Technical Data and Installation Guide – Pine Products Decking

Pine Products Decking is CCA treated to H3.2 standard in accordance with NZS 3640: 2003 Chemical Preservation of Round and Sawn Timber.

Pine Products decking and sub-frame materials are treated in accordance with Best Operating Practices for Timber Treatment Facilities including fully contained and banded drying areas.

Product supplied by Pine Products will be touch dry and chemical drip free prior to deliver.

Storage and handling

- Ensure the decking is delivered to site well in advance, to allow time for seasoning.
- Delivery to site by either hiab or hand un-load – Do not use a tip truck.
- Store timber off the ground in fillet and under cover if being left for more than a week or two prior to building.

Seasoning or laying decking wet (pros and cons)

- Decking is supplied wet after treatment (WAT) and contains water from the treatment process that swells the width and thickness by up to 3%.
- Most builders prefer to lay the decking in a WAT state as it is generally straight (no warpage) and easily nails or screws.
- If installing WAT we recommend the ends and widths are nestled tight against the accompanying piece as shrinkage of a few millimetres per edge and end can be expected.
- Expect more shrinkage in drier and hotter conditions.
- WAT (wet after treatment) decking will shrink as timber releases moisture. The higher the moisture content at installation, the greater the shrinkage later as the timber dries out. Even gaps of 5-10mm can be expected after full drying occurs and usually with 2-4 weeks of installation.
- Some builders prefer to pre shrink or season the timber prior to installation.
- If seasoning, lay the decking out over the joists for a few days to allow the timber to acclimatise to the site conditions and release moisture. Care should be taken in hot conditions to prevent warp and twist while the timber is unfixed (cover or air stack and store in a cool area).
- With pre seasoned decking allow for a gap of 3-5mm between pieces to allow for later expansion and contraction.
- If decking is to be stored for a period of time ensure it is strip stacked off the ground, covered and protected from the weather.

Installation

- This is the last point of quality control and any unsightly defects should be cut out installing this product.
- Install as per NZ Building code NZS 3604 and current council requirements (which can vary from region to region).
- The decking, unless otherwise ordered, is graded best face on the grip tread face (intended to be laid grip tread face up).
- Ensure all cut ends are resealed with a suitable “in-can” wood preservative.

Fixings.

- Check what your local council require and the current Building Code stipulate (NZS3604:2011 section 7.4).
- Where decking and timber or under deck joists are treated with copper preservatives such as copper azole (preserve code 58) or ACQ (preserve code 90), the fixings must be a minimum of 304 stainless steel.
- Pine Products, unless otherwise advise, provide all their decking and decking sub frame/post material in CCA (Copper Chrome Arsenic). Where the preservative is CCA (preserve code 01 or 02), hot dip galvanised fixings may be used if the location of the build is in exposure zones B or C (refer NZ Building Code Handbook 2004) provided the coating weight is 320 grams per M or greater.
- If in Zone D exposure region or where structural uses, use 304 stainless steel.
- If in doubt, the safest course is to use stainless steel fixings when product is H3.2 treated.
- Check what your local council requirements are for fixings as they may vary from region to region.

Finishing.

- Decks are usually built in sunny areas and are therefore exposed to constant heat and UV. This can cause cracking and distortion of the timber over time.
- Decks can be preserved to some degree by applying a protective stain or oil (follow manufacturer’s instructions on application).

Maintenance

- Regularly sweep decks regularly to prevent build up of dirt and debris, and check the surface of the timber.
- If timber decking has a moss or lichen growth, treat with a moss and mould killer to completely remove all growth. Ensure all mould treatment is removed before applying a new stain or oil finish.
- Ensure regular recoating of oil or stain to preserve and protect the timber.

Although every effort has been made to ensure the above information complies with current building standards and recognised codes of practice, no responsibility is accepted for any errors or omissions in this data sheet, nor any specifications or work based on this information. This material is a summary, not comprehensive advice. If you have any doubt about code compliance and / or best practice for the use of this product please contact the relevant authority...

