PREMIUM DECKING DATA SHEET

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.

PINE PRODUCTS

Size (Nominal)	Finished (Actual Size)	Treatment	Price
100x25	88x21	H3.2	P.O.A.
100x40	88x32	H3.2	P.O.A.
150x40	140x32	H3.2	P.O.A.

Profile is grip tread one side and smooth on the other or other profiles are available on request. 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. **Best face grading** is a near-clear face with minimal (maximum 2–3) small tight defects per board on up to 10% of boards supplied.

Defects Not Permitted

✗ Pith
✗ Bark-encased or partially bark-encased knots
✗ Hit & miss
✗ Wane
✗ Splits or checking

Defects Permitted

✓ Resin pockets: max 8×60mm (3 per piece)
✓ Tight intergrown knots: max ¼ cross-section
✓ Cone holes: max 2 per piece
✓ Spike knots: max 20mm wide (1 per piece)
✓ Crook: max 20mm over 3.6 m length
✓ Sloping grain: max 1 in 5
✓ Light sapstain not obscuring grain

Recommended Fixings Table

Treatment Type	Preserve Code	Exposure Zone	Acceptable Fixings	Notes
CCA (Copper Chrome Arsenic)	01 or 02	B or C	Hot-dip galvanised (>320 g/m²) OR 304 stainless steel	Stainless steel preferred for durability
CCA (Copper Chrome Arsenic)	01 or 02	D (high exposure)	304 stainless steel	Required for Zone D or structural use
Copper Azole	58	All zones	Minimum 304 stainless steel	Required by code
MCA (Micronized Copper Azole)	77	All zones	Minimum 304 stainless steel	Required by code
ACQ	90	All zones	Minimum 304 stainless steel	Required by code
Any H3.2 timber	–	All zones	Stainless steel fixings (best practice)	Safest universal option

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Treatment & Standards

- CCA or MCA treated to H3.2 standard in accordance with NZS 3640:2003 Chemical Preservation of Round and Sawn Timber.
- Decking and sub-frame materials are treated under Best Operating Practices for Timber Treatment Facilities, including fully contained and bunded drying areas.
- All product is supplied touch-dry and drip-free prior to delivery.

Storage and handling

- Arrange delivery ahead of installation to allow for seasoning if required.
- Delivery is by hiab or hand unload for best care.
- Store timber off the ground, filleted, and under cover if held more than 1–2 weeks prior to installation.

Seasoning & Installation Options

Wet After Treatment (WAT)

- Decking is supplied wet after treatment (WAT), containing moisture from the treatment process.
- Dimensions may temporarily increase by up to 3% in width and thickness.
- Many builders prefer to install decking in this state as boards are generally straight and easy to fasten.
- As timber dries, shrinkage occurs:
  - » Expect a few mm per edge and end.
  - » Greater shrinkage may occur in hotter, drier conditions.
  - » Gaps of 5–10 mm can appear within 2–4 weeks of installation.
- For WAT installation: place boards tightly against each other to allow for shrinkage.

Pre-Seasoned (Acclimatised)

- Some builders prefer to season the timber prior to installation.
- Lay decking over joists for several days to acclimatise to site conditions.
- To reduce the risk of warp or twist during this stage, store filleted, covered, and shaded in a cool area.
- For pre-seasoned decking: allow for a 3–5 mm gap between boards to accommodate later expansion/contraction.

Installation Guidelines

- Install in accordance with NZS 3604 and council requirements.
- Recommended Joist Spacings:

  32mm thick decking → 600mm joist centres
  19mm thick decking → 450mm joist centres
- Treat installation as the final stage of quality control: cut out unsightly defects during installation.

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- Unless otherwise ordered, decking is graded with the best face on the grip tread, designed to be laid tread-up.
- Minimise cupping of decking by always laying the best face up. If a smooth face is required up, order dressed all round (DAR) and not grooved.
- Reseal all cut ends with a suitable in-can wood preservative.

Fixings

- Always confirm requirements with your local council and the NZ Building Code (NZS 3604:2011 section 7.4).
- Where timber is treated with copper preservatives (e.g., copper azole [code 58] or ACQ [code 90]):
  - » Use a minimum of 304 stainless steel fixings.
- Where timber is CCA treated (code 01 or 02):
  - » In exposure zones B or C, hot-dip galvanised fixings may be used if coating weight is >320 g/m².
  - » In exposure zone D, or where the product is used structurally, use 304 stainless steel fixings.
- Best practice: Use stainless steel fixings for all H3.2-treated timber.
- Refer to the Recommended Fixings table on page 1 for more information.

Finishing

- Decks are often built in sunny areas, where heat and UV can cause cracking and distortion over time.
- Protect decking by applying a stain or oil, following the manufacturer's instructions for application and re-coating schedules.

Maintenance

- Sweep regularly to prevent dirt and debris.
- For moss or lichen growth, use a moss and mould treatment and rinse thoroughly before reapplying stain or oil.
- Recoat timber with oil or stain regularly to preserve and protect.

This information is provided in good faith and aligns with recognised codes of practice and current building standards.
Pine Products NZ Ltd accepts no liability for losses incurred. Builders are responsible for ensuring best practice installation.