

Timber Species Information Sheet



Premium Pine

Pinus Radiata

DESCRIPTION

Porta Premium Pine is a high-grade pine that is generally free from knots and resin pockets. It offers excellent versatility, suitable for painting, staining, colour washing, waxing, or leaving in its natural state. Porta Premium Pine carries FSC® Mix certification.

VISUAL FEATURES

Premium pine is positioned between Clear and Standard and Better grades, maintaining the same general visual characteristics as Porta's clear grade pine but with an allowance for minimal natural feature such as knots and gum vein. Its open grain structure readily accepts preservative treatments which can enable it to be used in selective outdoor applications. Timber is a natural product. It is susceptible to movement and climatic issues. This includes level of moisture, humidity and seasonal changes.

COMMON APPLICATIONS

- Joinery
- Decorative mouldings
- Framing
- Interior panelling

AVAILABILITY

Premium pine is available in a range of DAR sizes. Contact Customer Service for information and availability.

TECHNICAL INFORMATION

Radiata Pine is a soft and low density timber, making it easy to work. It holds nails and screws satisfactorily, stains well and can be glued with common adhesives. It should be protected against moisture.



Density kg/m ³ dry	550
Specific gravity	0.51
Hardness (janka) kn	3.1
Modulus of rupture mpa dry	81
Modulus of elasticity gpa dry	10
Radial shrinkage %	3
Tangential shrinkage %	5
Durability in ground	0-5 years
Durability above ground	0-7 years
Susceptible to lyctid borer	No
Termite resistance	Not Resistant

Spread of flame	7
Smoke development rate	<750
BAL Rating	12.5 and 19
Resistance to split (nailing)	Satisfactory
Resistance to split (screwing)	Satisfactory
Gluing	Satisfactory
Machining	Satisfactory
Finish	Satisfactory
Stability	Satisfactory
Growing region	New Zealand

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