

Timber Species Information Sheet

Radiata Pine – Clear Grade

Pinus radiata



DESCRIPTION

Porta Radiata Pine is a plantation softwood timber grown in New Zealand. It is a versatile timber that is easy to work and suitable for a wide range of applications. It is a light coloured timber with a grain that is usually straight. Whilst knots are common with the species this grade of Pine is a Clear Grade (as per AS4785.2).

VISUAL FEATURES

A knot-free Pine product which is easier to work than knotty Pine. It can be successfully stained, painted, waxed or colour-washed. 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
- Flooring
- Toys

AVAILABILITY

An extensive range of DAR sizes, Dowels and Mouldings available in various sizes and set lengths. Contact Customer Service for information and availability.

TECHNICAL INFORMATION

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



Density kg/m ³ dry	550	Spread of flame	7
Specific gravity	0.51	Smoke development rate	<750
Hardness (janka) kn	3.1	BAL rating	12.5 and 19
Modulus of rupture mpa dry	81	Resistance to split (nailing)	Satisfactory
Modulus of elasticity gpa dry	10	Resistance to split (screwing)	Satisfactory
Radial shrinkage %	3	Gluing	Satisfactory
Tangential shrinkage %	5	Machining	Satisfactory
Durability in ground	0-5 years	Finish	Satisfactory
Durability above ground	0-7 years	Stability	Satisfactory
Susceptible to lyctid borer	No	Growing region	New Zealand
Termite resistance	Not Resistant		

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