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

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/m3 dry	550	**Durability in ground**	0-5 years	**Resistance to Split (Nailing)**	Satisfactory
Specific Gravity	0.51	**Durability above ground**	0-7 years	**Resistance to Split (Screwing)**	Satisfactory
Hardness (Janka) kN	3.1	**Susceptible to Lyctid Borer**	No	**Gluing**	Satisfactory
Modulus of Rupture Mpa dry	81	**Termite Resistance**	Not Resistant	**Machining**	Satisfactory
Modulus of Elasticity GPa dry	10	**Spread of Flame**	7	**Finish**	Satisfactory
Radial Shrinkage %	3	**Smoke Development Index**	3	**Stability**	Satisfactory
Tangential Shrinkage %	5	**BAL Rating**	12.5 and 19	**Growing Region**	New Zealand

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AVAILABILITY

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

@portatimber @porta_timber **1300 650 787** sales@porta.com.au porta.com.au

References: Wood Solutions. Wood Database. AS 5604-2005 Timber - Natural durability ratings.