

# RADIATA PINE

Botanical Name: Pinus Radiata

Other Names: Monterey Pine, Insignis Pine

Origin: Native to central and southern coastal California



## General

**Certification:** FSC®

**Seasoning:** It is easily dried and treated. Radiata Pine takes coating and stains well.

**Working Qualities:** Radiata Pine is easy to work for joinery, furniture and stairs. It is good with machines and nails satisfactorily.

**Uses:** Commonly used for construction lumber, Cladding, Veneer and Plywood

**Price (I-10):** 3

**Grade:** Clears 1&2

**Coatings:** We recommend.....

Check Resene and Dulux for colours ([www.resene.co.nz](http://www.resene.co.nz), [www.dulux.co.nz](http://www.dulux.co.nz))

## Availability

Stocked: Radiata Pine is stocked as cladding..... as well as run to custom profiles as requested

Grade Description: Grade is Clear 2 & better.

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## Basic Info

Density Air Dry: 448 kg/m<sup>3</sup>

Density Green: 500 kg/m<sup>3</sup>

Shrinkage Radial: 3.4 %

Shrinkage Tangential: 6.7 %

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## Mechanical Properties

Janka Hardness: 3.3 kN

Modulus of Rupture: dry 81 MPa

Modulus of Elasticity: 8.23 GPa

Max Crush Strength: dry 42 MPa

Comp Strength Parallel to Grain: 36.8 MPa

Shear Strength Parallel to Grain 11.6 MPa

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