

A Great Support  
**AND A STRAIGHT PARTNER**

TECHNICAL SPECIFICATION SHEET



## Construction **Lumber**

Radiata Pine lumber is known for its dimensional consistency and its low level of deformation and warping. Suitable for temporary use in construction.



## Construction Lumber

Radiata Pine lumber is obtained from the central portion of logs. Products can be green or kiln-dried. Available in a wide range of dimensions.

### Product Features

- Wide range of dimensions
- Moisture Content: Green (average 40%) or kiln-dried (average 12%, max. 19%)
- Sourced from certified and sustainable plantation grown pine
- Good retention of nails and screws
- Uniform dimensions and precise cuts

### Grade

- Blue stain levels are restricted
- Pith and Knots are permitted, if they do not compromise the integrity of the piece
- Pencil wane accepted occasionally

### Applications

- Temporary use in construction
- Scaffolding and ladders
- Concrete forming

### DIMENSIONED LUMBER

Ideal for temporary use in construction projects due to its dimensional stability.



## CONSTRUCTION LUMBER - TECHNICAL INFORMATION

Products	Sizes					Tolerance**					
	Thickness*		Width*		Length*	Thickness		Width		Length	
	Green	Kiln Dried	Green	Kiln Dried		Green	Kiln Dried	Green	Kiln Dried	Green	Kiln Dried
	(nominal mm)		(nominal mm)		(nominal mm)	(mm)		(mm)		(mm)	
Standard Lumber	18 to 110	18 to 98	48 to 300	45 to 245	2,000 to 4,880	-0.5/+2	-0/+2	-0/+3	-0/+3	-0/+20	-0/+20
Millrun	18 to 110	18 to 98	48 to 300	45 to 245	2,000 to 4,880	-0/+2	-0.5/+3	-0/+3	-0.5/+4	-0/+10	-0.5/+10

Notes: \* Measurements subject to confirmation. / \*\* At least 90% of products meet these tolerances.

### Our Radiata Pine

- Harvest cycle of 23 years
- Heartwood has an even light brown to chestnut brown color and the sapwood has a creamy white color
- Moderate growth ring figure in flat sawn timber
- Moderately even and fine texture
- Straight grain

Characteristics	Unit	Green	KD (12% MC)
Density	kg/m <sup>3</sup>	800 - 850	410 - 460
Bending - Modulus of rupture (MOR)	Mpa	35 - 38	64.4 - 85
Bending - Modulus of elasticity (MOR)	Gpa	5.5 - 6.4	8.1 - 10.8
Compression strength parallel to the grain	Mpa	11 - 14.6	26 - 41.7
Compression strength perpendicular to the grain	Mpa	3	6.4 - 13.2
Hardness parallel to the grain	N	1.7 - 2.3	3.7 - 4.8
Hardness perpendicular to the grain	N	1.5 - 2.3	2 - 3.6
Shear strength	Mpa	5 - 5.2	7.5 - 11.7
Wood Type	Sawn Softwood		

### CERTIFICATIONS

ISO 14001

OHSAS 18001

FSC® (FSC®-C119538)

PEFC™ (PEFC/ 24-31-200)

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