



# RADIATA PINE PREMIUM BOARDS



## RADIATA PINE

Radiata Pine (*Pinus Radiata*) is a versatile and beautiful species of pine. Grown in sustainable tree farms, New Zealand Radiata Pine is harvested on a 30 year rotation, giving large diameter trees with mature clearwood which can produce wide boards. These trees are also pruned to 6 meters, allowing for long length clears in wide widths. Used extensively in solid lineal mouldings for the last 20 years, Radiata's properties have been proven in the market. Due to superior workability (see Table 1), Radiata pine boards are the perfect material for hobbyists, finish carpenters and furniture makers.

## TENON® SELECT BOARDS

The availability of radiata pine so close to our manufacturing plants enable Tenon Manufacturing® to provide consistent, sustainable supply of wide clear boards in long lengths. Tenon® Select Boards are available in 19mm and 28mm thicknesses, 45mm to 290mm widths. Lengths are available in 1.2m to 4.8m long. Tenon® Select boards are all FSC-certified and exceed WWPA (Western Wood Products Association) grading standards for C & Better. With Tenon® Select Boards, you are guaranteed:

- No wane
- One clear face and two clear edges
- Near defect-free back face



## TENON MANUFACTURING®

Tenon Manufacturing's® modern manufacturing operations are located in Taupo, New Zealand. Geothermal energy is used for kiln drying which is a zero emission, cost effective alternative to burning natural gas. Tenon® Select Boards are run through high-speed moulders to ensure a superior finished surface. Located in close proximity to FSC-certified forests and international ports, Tenon Manufacturing's® facilities are well positioned to provide quality clearwood products to the world at the most cost-effective price.

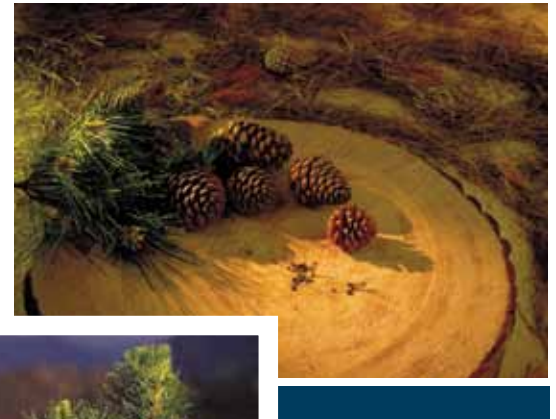


**The mark of responsible forestry**

custody certified by the FSC, demonstrating that they procure wood which meets strict environmental, social, and economic standards. Tenon Manufacturing® sources logs from radiata pine tree farms that are harvested on a renewable basis. These farms utilize responsible management techniques that meet all local environmental requirements. Tenon Manufacturing® does not source from natural or native forests.

### FSC

The Forest Stewardship Council® (“FSC”) recognizes Tenon’s strong commitment to responsible materials procurement. The FSC provides an internationally recognized environmental eco-label that is awarded to companies after an independent assessment confirms that the company is operating in an environmentally responsible and socially beneficial way. Tenon’s processing mills are chain of



**Table 1: Comparison of Machining and Related Properties - NZ Radiata Pine and North American Timbers**

Common Name	Planing	Shaping	Turning	Cross-Cutting	Boring	Mortising	Sanding	Finger-Jointing	Hardness	Nail-holding	Nail-Splitting	Stability	Staining
Radiata pine Clearwood	5	4	5	3	4	2	5	5	2	2	4	3	4
Douglas fir	4	4	4	5	3	4	4	4	2	2	4	3	3
Loblolly pine	4	1	1	2	3	3	2	3	3	2	3	-	3
Light red meranti	3	2	4	4	3	4	5	5	2	2	5	3	5
Dark red meranti	4	2	4	4	4	4	5	4	2	3	5	3	5
Parana pine	5	5	5	4	5	2	5	3	2	2	4	2	5
Mid-Swedish redwood	4	2	-	3	5	4	3	-	2	2	4	2	3
North-Swedish redwood	3	4	5	3	4	4	3	5	2	2	3	2	3
Siberian redwood	2	4	3	3	4	4	3	4	2	2	5	2	3
Swedish whitewood	2	2	2	2	4	1	3	4	2	2	4	2	4
Archangel whitewood	2	3	3	2	3	3	3	3	1	2	5	2	4
Western hemlock	4	3	1	3	3	3	4	4	2	3	3	2	3

1=Very poor, 2=Poor, 3=Average, 4=Good, 5=Excellent

Source: Young, G. 1988. Machining properties: how does radiata pine shape up? What’s New in Forest Research No 163, Forest Research Institute, Rotorua, New Zealand



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