

TEAK (Plantation)

Tectona grandis



WOOD DESCRIPTION

Color: *Yellow brown*
Sapwood: *Clearly Demarcated*
Texture: *Coarse*
Grain: *Straight*

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Sliced veneer
- Paneling (interior / exterior)
- Furniture and Furniture components
- Rolling shutters
- Stairs (interior / exterior)
- Light carpentry
- Turned goods

AVAILABILITY

- FEQ
- Mixed Grain
- 4/4, 6/4, 8/4 Thicknesses

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	3.4 lbs/bf	Fiber Saturation Point:	24%
Specific Gravity:	0.66	Crushing Strength:	8,122 lbf
Janka Hardness (lbs):	1,070	Static Bending Strength:	14,213 lbf
Volumetric Shrinkage:	7.2%	Modulus of Elasticity:	1,992,818 lbf
Total Tangential Shrinkage (TS):	4.7%	Stability:	Stable
Total Radial Shrinkage (RS):	2.6%		
TS/RS Ratio:	1.8		

WORKING PROPERTIES

Blunting Effect:	<i>High</i>	Slicing:	<i>Good</i>
Sawteeth Recommended:	<i>Stellite-tipped</i>	Nailing / screwing:	<i>Good</i>
Cutting Tools:	<i>Tungsten carbide</i>	Gluing:	<i>Good</i>
Peeling:	<i>Not recommended</i>		

