TEAK (Plantation)

Tectona grandis

Plantation Teak offers a legally verified and sustainable alternative to Burmese Teak. Plantation Teak is responsibly cultivated in managed forestry operations throughout tropical regions of Asia, Latin America, and Africa. Harvested at a younger age than old-growth teak, plantation-grown timber typically features a lighter golden-yellow appearance, more pronounced grain lines, and a greater proportion of pale sapwood. Although it generally has slightly lower density and natural oil content than mature, old-growth teak, it continues to offer excellent resistance to moisture, decay, and insects. Its attractive appearance and ease of machining make it a versatile and cost-effective choice for outdoor furniture, interior flooring and paneling, as well as cabinetry and turned goods.



Surfaced



Surfaced and clear coat

Harvested In:
South America and Southeast Asia

Family:
LAMIACEAE (angiosperm)

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

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PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*3.4 lbs/bf*
Specific Gravity:	*0.50*
Janka Hardness (lbs):	*950*
Volumetric Shrinkage:	*7.0%*
Total Tangential Shrinkage (TS):	*4.0%*
Total Radial Shrinkage (RS):	*2.0%*
TS/RS Ratio:	*1.8*

Fiber Saturation Point:	*22%*
Crushing Strength:	*5,801 lbf/in²*
Static Bending Strength:	*15,374 lbf/in²*
Modulus of Elasticity:	*1,595,000 lbf/in²*
Stability:	*Stable*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Not recommended*

Slicing:	*Good*
Nailing / Screwing:	*Good*
Gluing:	*Good*



