APITONG / KERUING

Dipterocarpus spp.

Apitong/Keruing is an extremely durable hardwood from South-east Asia. Heartwood varies from light to dark reddish-brown and has a coarse texture and straight or slightly interlocked grain. Known for an exceptional strength-to-weight ratio and high durability, Apitong resists shock loads very well. It is widely considered the premier material for heavy-duty truck and trailer flooring.

Harvested In:
Southeast Asia

Family:
DIPTEROCARPACEAE (angiosperm)



Surfaced



Surfaced and clear coat

WOOD DESCRIPTION

Color:	*Red brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Coarse*
Grain:	*Straight or Interlocked*

CHARACTERISTICS

- Easy to Work
- Moderately Durable
- Susceptible to termites

COMMON USES

- Trailer flooring
- Tie-slats
- Scuff boards
- Boxes and crates
- Container flooring
- Heavy carpentry
- Industrial flooring

AVAILABILITY

- Air Dried, Kiln Dried
- Rough, Blanks, Shiplap
- Various dimensions

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight	*3.83 lbs/bf*
Specific Gravity:	*0.79*
Janka Hardness (lbs):	*1,390*
Volumetric Shrinkage:	*16.3%*
Total Tangential Shrinkage (TS):	*10%*
Total Radial Shrinkage (RS):	*5.4%*
TS/RS Ratio:	*1.9*

Fiber Saturation Point:	*34%*
Crushing Strength:	*9,427 lbf/in²*
Static Bending Strength:	*16,679 lbf/in²*
Modulus of Elasticity:	*2,409,076 lbf/in²*
Stability:	Moderate to poor

** Based on 12% Moisture Content*

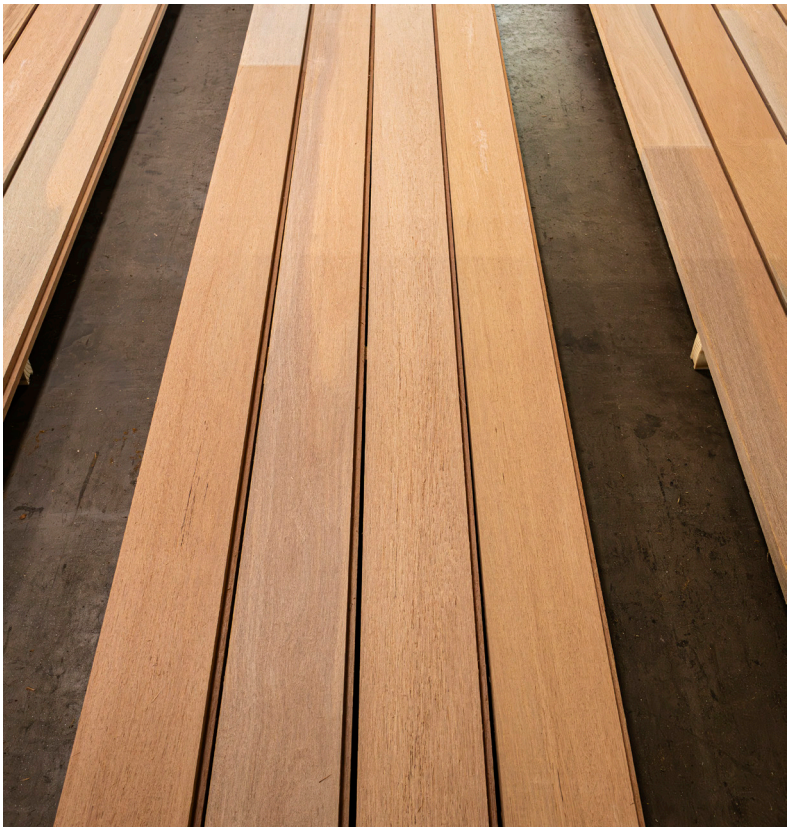
WORKING / FINISHING PROPERTIES

Blunting Effect:	*High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Good*

Note: Variable silica content. Some species are very resinous and tend to clog tools. Occasional tearing on quarter sawn.

Slicing:	*Not recommended*
Nailing / screwing:	*Good*
Gluing:	*Good*

Note: Gluing must be done carefully as wood may be easily stained.





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