APITONG / KERUING

Dipterocarpus spp.

Harvested In:
Southeast Asia

Family:
DIPTEROCARPACEAE (angiosperm)

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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*lbs/bf*	Fiber Saturation Point:	*34%*
Specific Gravity:	*0.79*	Crushing Strength:	*9,427 lbf*
Janka Hardness (lbs):	*1,390*	Static Bending Strength:	*16,679 lbf*
Volumetric Shrinkage:	*16.3%*	Modulus of Elasticity:	*2,409,076 lbf*
Total Tangential Shrinkage (TS):	*10%*	Stability:	Moderate to poor
Total Radial Shrinkage (RS):	*5.4%*		
TS/RS Ratio:	*1.9*		

WORKING PROPERTIES

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

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

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

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