MERANTI - SERAYA

Shorea pauciflora

Meranti Seraya is a versatile hardwood native to Southeast Asia, valued for its dependable performance and excellent workability. Its heartwood ranges from pale pink and golden-brown to warm reddish-brown, often displaying a straight to slightly interlocked grain. Lightweight yet durable, Meranti Seraya machines easily and accepts glues, stain, paint, and finishes with excellent results. Meranti Seraya is commonly used for fine furniture, cabinetry, doors, windows, architectural millwork, paneling, flooring, and decorative veneers. Considered a medium grade among the other Merantis.



Surfaced



Surfaced and clear coat

Harvested In:
Southeast Asia

Family:
MELIACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Dark red*
Sapwood:	*Clearly Demarcated*
Texture:	*Medium to coarse*
Grain:	*Straight or interlocked*

CHARACTERISTICS

- Easy to work
- Durable
- Moderately resistant to termites

COMMON USES

- Sliced veneer
- Furniture and furniture components
- Paneling (interior / exterior)
- Flooring
- Turned goods
- Cabinetwork
- Joinery (interior / exterior)
- Boatbuilding

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4, 5/4, 6/4, 8/4, 10/4, 12/4 Thicknesses

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*2.9 lbs/bf*
Specific Gravity:	*0.68*
Janka Hardness (lbs):	*780*
Volumetric Shrinkage:	*12.5%*
Total Tangential Shrinkage (TS):	*6.8%*
Total Radial Shrinkage (RS):	*3.4%*
TS/RS Ratio:	*2.0*

Fiber Saturation Point:	*26%*
Crushing Strength:	*7,541 lbf/in²*
Static Bending Strength:	*13,343 lbf/in²*
Modulus of Elasticity:	*1,888,391 lbf/in²*
Stability:	*Stable*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

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

Note: Some risks of tearing in presence of interlocked grain. Ribbon-like aspect. Wood may be siliceous.

Slicing:	*Good*
Nailing / screwing:	*Good*
Gluing:	*Good*

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



