



F.D. STERRITT LUMBER CO.

FSC Tropical Decking Technical Information

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Specie	Mayan Mahogany	Garapa	Ipe	Santa Maria
Origin	Central America	Central & Latin America	Central & Latin America	Central & Latin America
Description	The heartwood is highly colored yellowish brown to reddish brown with occasional lighter stripes. Lighter pieces tend to darken over time. The Sapwood is very distinct and is white to yellowish in color and usually not present in finished lumber	A fine-grained timber that is light yellow to a warm golden hue. Garapa is an exotic hardwood that is naturally resistant to rot, decay and insect attack. Garapa is naturally scratch resistant which allows the surface to remain smooth for many years.	The heartwood is olive brown to blackish with lighter and/or darker streaks. The wood is often reported to be covered in a yellow powder. The sapwood is clearly distinct yellowish white and is not usually present in finished lumber.	The heartwood varies in color from yellowish pink to a rich reddish brown. Often there are fine dark veins present. The sapwood is lighter in color and not always easy to differentiate from the heartwood.
Grain & Texture	Straight to irregular & interlocked with open pores.	Fine in texture and usually interlocked.	Fine and straight, but often uneven and interlocked.	Medium and fairly uniform, but generally interlocked.
Natural Durability	The heartwood is highly resistant to decay and insects and is moderately resistant to marine borers.	The heartwood is moderately resistant to decay and insects, and is resistant to marine borers.	The heartwood is highly resistant to decay and termites, and resistant to other dry wood insects, but susceptible to marine borers.	The heartwood is moderately resistant to decay and termites, but can be vulnerable to other dry wood insects and marine borers.
Workability	Works well with both hand and power tools. Planing requires some care especially where there is interlocked grain, but can usually be finished to a smooth finish without issue. Pre-drilling for nailing and screwing is recommended. Glues satisfactorily.	This wood glues easily and once glued is very stabile. It saws, nails and screws well with little to no blunting effect on tools..	Moderately difficult to work with hand tools. Carbide tip blades and drill bits are required. Smooth finish can usually be attained with reduced cutting angles. Pre-drilling for nailing and screwing is required. Surface treatments are required before gluing.	Fairly easy to work and straight grain wood yields a smooth finish easily. The wood has a tendency to split, therefore pre-drilling near edges and ends is recommended. Nail and screw holding properties are good and no gluing issues.
Hardness (lbs)	2,700	1,210	3,680	1,150 to 1,225
Bending Strength (psi)	25,000	12,900	25,200	14,371 to 14640
Specific Gravity	0.62 to 0.73	0.58 to .62	0.85 to 0.97	0.51
Weight (lbs/cu ft)	48	54	80	40
Other Comments		Very durable and naturally resistant to rot, decay, splinters and fire without any chemical treatments.	The yellow powder commonly found on the wood and sawdust from this wood can be an irritant. This specie holds a Class A Fire rating.	
FSC Certified Stock	In Stock & Readily Available	In Stock - Limited Availability	In Stock – Limited Availability	In Stock – Limited Availability
Non Certified Stock	NA	In Stock – Readily Available	In Stock – Readily Available	NA