

Common name: Garapa

Botanical name: *Apuleia mollaris*

WHY USE GARAPA?

It is a very durable timber that resists rot, decay and fire. The timber is lustrous and does not bleed. It has a high silica content and is scratch resistant. Primarily used as a kiln-dried decking timber.

APPEARANCE AND DESCRIPTION:

Garapa is a light yellow to honey-brown colour and its interlocked grain has a fine texture.

PERFORMANCE CHARACTERISTICS

Durability:

Garapa is a hard and strong timber with high bending and crushing strengths.

Mechanical properties:

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| Density at 12% moisture content | 900 kg/m ³ |
| Modulus of elasticity | 14 GPa |
| Modulus of rupture | 89 MPa |
| Side Hardness | 7.4 kN |
| Tangential shrinkage – green to 12% MC | 6.5% |
| Radial Shrinkage – green to 12% MC | 3.5% |

Machining:

Garapa saws, nails and screws well with only slight blunting effect. Garapa is also scratch resistant.

Gluing and coating considerations:

Garapa glues well.

SUSTAINABILITY:

- Garapa carries independent FSC 100% certification it is sourced from legal and well-managed resources.