



**T-PAC LUMBER PTY LTD**

**MANILKARA**

*Botanical Name: Manilkara Kanosiensis*



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Heartwood colour ranges from a light red or brown to a darker brick red; tends to darken with exposure to light. Thin sapwood is a pale yellow to pink. Grain tends to be interlocked or wavy with a medium to coarse texture. Some boards can contain gum pockets or streaks as a naturally-occurring defect. Jarrah can also exhibit a curly figure.

Manilkara is rated as very durable regarding decay resistance, and it is also quite resistant to insect attack.

Manilkara tends to be difficult to machine on account of its high density and interlocked grain. It also has a moderate blunting effect on cutting edges. Manilkara turns, glues, and finishes well and commonly used in flooring, heavy construction, veneer, cabinetry, outdoor furniture, and turned objects.

Because of its great durability and common occurrence, Manilkara is a useful timber for exterior projects in Australia. Its vibrant red color, and high density add to its marketability for use as a flooring material.

### TECHNICAL PROPERTIES

**Density.** 1030 kg/m<sup>3</sup> at 12% Moisture Content

**Shrinkage to 12% MC.** 6.2% (tangential); 3.1% (radial).

**Durability Above-ground.** Class 1 – Life expectancy more than 15 years.

**Durability In-ground.** Class 1 – Life expectancy more than 15 years.

**Lyctine Susceptibility.** Does not need to be treated.

**Termite Resistance.** Resistant.

**Hardness.** Janka Hardness Rating 12.6

**Machining.** The timber is exceptionally hard, heavy, strong and tough. It must be dried slowly and with care to minimise down grade. Moderately difficult to work, but finishes smoothly.

**Fixing.** Pre-boring is necessary for nailing and screwing. It will take both natural finishes and paints well

**Gluing.** Requires some care in gluing.

**Finishing** Will readily accept, paint, stain and polish.

**Uses.** Manilkara is suitable for window reveals, doorjambes, interior joinery, furniture, mouldings, doors and door sills, paneling, cabinetwork, decking, gazebos, balustrades, handles, ladders, mine timber, posts and poles, boat building, and wharf members (out of contact with salt water).

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