

• TIMBER SPECIES DATASHEET •

PADAUK

(Pterocarpus)



★ Wood Type	Hardwood
★ Durability	Class 1 - Very durable
★ Average Service Life	25+ years (without treatment)
★ Treatability	Moderately difficult
★ Moisture Movement	Low
★ Density (mean, Kg/m³)	640-880
★ Texture	Moderately fine
★ Use(s)	Fine Furniture, Cabinetry, Flooring, Veneer, Decorative Items
★ Colour(s)	Striking reddish with a beautiful grain pattern

Environmental

Padauk wood (*Pterocarpus* spp.) is not typically listed on the IUCN Red List, but responsible sourcing and certification are important to ensure sustainable harvesting. Some *Pterocarpus* species may face conservation concerns in certain regions.

The Tree

Padauk trees are medium to large, reaching heights of up to 25-35 meters. They have straight, cylindrical trunks with a reddish bark and produce pinnate leaves. Padauk trees are known for their valuable timber, which is highly regarded for its color and durability.

Drying

Padauk wood dries well, with minimal risk of defects when properly managed. It is important to control the drying process to prevent issues like warping or checking.

Working Qualities

Padauk wood is relatively easy to work with due to its straight grain and fine texture. It machines, cuts, and planes smoothly, making it popular among woodworkers. Padauk takes stains, finishes, and polishes well, showcasing its vibrant and lustrous appearance.

Distribution

Padauk wood is native to various parts of the world, primarily in Africa, Asia, and Central America. It is valued for its high-quality timber, and different species are found in these regions.

The Timber

Padauk wood is famous for its striking reddish to deep orange color, often with a beautiful grain pattern. It has a moderately fine texture and typically features a straight to interlocked grain. The wood is moderately heavy and highly durable.

Strength

Padauk wood is appreciated for its exceptional strength and durability. It is a robust and stable wood that can withstand various stressors, making it suitable for high-end applications.