

• TIMBER SPECIES DATASHEET •

MERANTI

(Shorea spp)



★ Wood Type	Hardwood
★ Durability	Class 2 - Durable
★ Average Service Life	15-25 years (without treatment)
★ Treatability	Moderately easy
★ Moisture Movement	Moderate
★ Density (mean, Kg/m³)	450-690
★ Texture	Fine and even
★ Use(s)	Doors, Windows, Furniture, Cabinetry, Plywood, Millwork
★ Colour(s)	Light pink to reddish-brown

Environmental

Meranti wood, also known as Shorea spp., is not typically listed on the IUCN Red List. It is often available from responsibly managed sources. However, it is essential to verify the certification with suppliers to ensure sustainable harvesting.

The Tree

Meranti trees are large, reaching heights of up to 40 to 60 meters. They have straight, cylindrical trunks with a light brown to reddish-brown bark. The tree produces simple, alternate leaves and is primarily used for its timber.

Drying

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

Working Qualities

Meranti wood is relatively easy to work with due to its straight grain and even texture. It machines, cuts, and planes smoothly, making it popular among woodworkers. Meranti takes stains, finishes, and paints well, showcasing its attractive appearance.

Distribution

Meranti wood primarily comes from Southeast Asia, with significant sources in countries such as Malaysia, Indonesia, and the Philippines. Meranti is highly valued for its timber and is a common hardwood in the region.

The Timber

Meranti wood is known for its light pink to reddish-brown color with a fine, even texture. The wood typically has a straight grain, making it versatile and sought after for its consistent appearance. Meranti is moderately heavy and durable.

Strength

Meranti wood is appreciated for its strength and durability. It is a robust and stable wood that is suitable for a wide range of applications, particularly in construction and joinery.