

MERBAU



APPLICATIONS

FURNITURE JOINERY FLOORING DECKING & CLADDING

DENSITY

830

REGION

ASIA PACIFIC

Sapwood is well defined and pale yellow in colour. Heartwood is yellowish to orange brown when fresh, weathering to brown or dark red brown. Grain is interlocked. Texture is coarse but even. Growth rings are distinct. Vessels are often filled with a yellow or a white deposit, which is conspicuous on surface. The dark brown gummy substance readily leaches out in water. Also known as Kwila.

PROPERTIES

DENSITY

830

HARDNESS (JANKA) (KN)

9.0

MACHINING

GOOD

GLUING

GOOD

MODULUS OF ELASTICITY (GPA DRY)

18

AVAILABILITY

AVAILABLE

MODULUS OF RUPTURE (MPA DRY)

147

FINISH

GOOD

SCREWING SPLIT RESISTANCE

GOOD

GROWING REGION

ASIA PACIFIC

TANGENTIAL SHRINKAGE

2.5%

SAPWOOD LYCTID SUSCEPTIBLE

YES

RADIAL SHRINKAGE

1.5%

DURABILITY

DURABLE

NAILING SPLIT RESISTANCE

FAIR

SPECIFIC GRAVITY

0.83

STABILITY

GOOD

BAL

29.0