

Australian Blackwood

Botanical Name: *Acacia melanoxylon*
Other Names: Australian Blackwood
Origin: Australia

General

Certification: PEFC™

Seasoning: Dries fairly easily and without undue degrade, although there is some tendency to cupping.

Working Qualities: The timber works fairly easily but cutting edges must be kept sharpened for end grain working. A reduction of cutting angle to 20° is usually beneficial in planning and moulding, particularly when curly grain is present. It can be screwed and nailed well but gluing properties are often variable. It finishes well and takes an excellent stain and polish.

Uses: Fine furniture, shop fitting, cabinets, gun stocks, musical instruments and decorative veneer.

Price (I-10): 7



Availability

Stocked: Yes

Basic Info

Durability In Ground: Perishable/Non Durable
Durability Above Ground: Moderately Durable
Density Air Dry: 650 kg/m³
Density Green: 1050 kg/m³
Shrinkage Radial: 4 %
Shrinkage Tangential: 5 %
Stability Kiln Dry: Very Stable
Stability Green: Stable

Mechanical Properties

Janka Hardness: 5.18 kN
Modulus of Rupture: 129 MPa
Modulus of Elasticity: 14 GPa
Max Crush Strength: 14 MPa
Strength Group unseasoned: S4
Strength Group Seasoned: SD4

Fire

NZAS Ignitability: 13
NZAS Flame Spread: 9
NZAS Heat Evolved: 5
NZAS Smoke Developed: 3
