



Red Ironbark

The strength and durability of this Australian hardwood has seen it used throughout the ages as a preferred structural timber.

Common name	Red Ironbark
Look & features	Highly durable with a medium and even texture
Botanical name	Eucalyptus sideroxylon Eucalyptus creba fibrosa
Colour	The heartwood colour is deep red, with its sapwood being very distinctive and pale yellow in colour
Common uses	A wide range of external applications, including heavy engineering, marine structures, poles, sleepers, framework, flooring, and decking

Red Ironbark is a very strong Australian hardwood that originated from Queensland and New South Wales. Today, Red Ironbark is used for all manner of building construction materials, from poles to posts and beams, and is ideal for hard-wearing areas such as flooring and decking. While being quite hard to work with due to its density and hardness, it also polishes to a high sheen and, as such, is frequently used for furniture, benchtops, bars, and even in boat-building.

The heartwood is a deep, rich dark red to red-brown in colour. The sapwood, by contrast, is a pale yellow. The timber's texture is fine with an interlocked grain.

Properties

Density (kg/m³)	
GD	1,200
ADD	1,100
Hardness kN (Janka)	
Green	N/A
Dry	11.9
Durability class	
1	
Strength group	
S2/SD3	
Joint group	
J1/JD1	
Shrinkage	
Radial % (approx.)	3.5
Tangential % (approx.)	7
Structural grades	
Unseasoned	F11/F14/F17
Seasoned	F22/F27
Toughness (Nm)	
Green	High
Dry	Medium/high
Early fire hazard indices	
Ignitability	Not available
Spread of flame	Not available
Smoke development	Not available
Termite resistant	
Yes	
Lyctid-susceptible sapwood	
Yes	

