

# Pilularis Blackbutt

Botanical Name: *Eucalyptus pilularis*z  
Origin: Southeastern Australia

## General

Certification: PEFC™

**Working Qualities:** Care needs to be taken when drying as blackbutt is prone to surface checking on the tangential surface. Blackbutt should not be re-conditioned as this will widen any surface checks. Blackbutt can be stained, painted or polished but there can be issues with painting because of its tendency to surface check. The high extractives of mature wood can cause problems with some adhesives, but this is much less of an issue with young regrowth wood. These extractives can also cause staining on painted surfaces after exposure to the weather. Blackbutt machines well but is only fair for steam bending.

**Uses:** Engineering. As sawn or round timber in wharf and bridge construction, railway sleepers, cross-arms, poles, piles, mining timbers. Not recommended for poles in-ground in pole frame house construction. Construction. As unseasoned, sawn timber in general house framing, fascia and barge boards and as seasoned dressed cladding, internal and external flooring, lining and joinery. Also in fencing, landscaping and retaining walls. Decorative. Internal quality furniture, outdoor furniture, turnery, parquetry. Others. Boat building (keel and framing components planking, decking), coach, vehicle and carriage building, agricultural machinery, structural plywood, hardboard.

Price (I-10): 5



## Availability

Stocked: Yes

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## Basic Info

Durability In Ground: Moderately Durable  
Durability Above Ground: Very Durable  
Density Air Dry: 900 kg/m<sup>3</sup>  
Density Green: 1100 kg/m<sup>3</sup>  
Shrinkage Radial: 7.30 %  
Shrinkage Tangential: 4.30 %

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## Mechanical Properties

Janka Hardness: 9.1 kN  
Modulus of Rupture: 144 MPa  
Modulus of Elasticity: 19 GPa  
Max Crush Strength: 77 MPa  
Strength Group unseasoned: S2  
Strength Group Seasoned: SD2

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## Fire

NZAS Ignitability: 13  
NZAS Flame Spread: 7  
NZAS Heat Evolved: 3  
NZAS Smoke Developed: <750

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