

SOUTHERN BLUE GUM

Eucalyptus globulus

Southern blue gum is the world's most widely planted eucalypt species. It is the preferred tree species in plantations throughout Australia. Originally forested for wood chips, pulp and paper fibre, some of the larger plantation trees have been used to produce both timber furniture and flooring material. The colour of southern blue gum timber ranges from pale straw to brown, often with blue, green or grey tinges. Regrowth material can exhibit shades of pink. Sapwood is somewhat paler than the heartwood, but not always clearly demarcated. Growth rings are prominent on end sections. Grain is often interlocked with a medium and relatively even texture. Timber produced from plantations often exhibits areas of pinhole.

Applications

Cladding - Flooring - Joinery - Screening - Lining - Pulp - Furniture - Poles

Strength Group

Unseasoned S3 (Reasonably High)
Seasoned SD2 (High)

Durability

In-Ground Class 3 (5-15 years)
Above-Ground Class 2 (15-40 + years)

Density

Unseasoned 1140 kg/m³
Seasoned 970kg/m³

Hardness

Unseasoned 7.3Kn (Janka)
Seasoned 12.0Kn (Janka)

Radial Shrinkage

6.9%

Tangential Shrinkage

14.4%

Lyctid Borer Susceptibility Termite Resistant

Susceptible
Not Resistant

EFH Spread flame Index

NA

EFH Smoke Develop Index

NA

Critical Radiance Flux

>2.2 and <4.5

Smoke Development Rate

<750

Fire Properties group number

3 (slightly combustible)

Bal Rating

Bal 19

Southern blue gum provides moderate fire resistance, and is one of many hardwood timber species that can be used in home construction in bushfire areas up to BAL 19 (provided it has a thickness greater than 18mm).

For further technical information and installation guides visit:

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