

PENTARCH FOREST PRODUCTS



PENTARCH Plantation Hardwood



Australasia's Leading Roundwood Exporter



PENTARCH
FOREST PRODUCTS

Pentarch hardwood is harvested from Australian owned Eucalypt hardwood plantations. Grown and managed within a sustainable and environmental structure.

Eucalyptus nitens is a light pink species of Eucalypt with a range of feature characteristics, it machines and saws well and readily accepts a variety of finishes including wax, solvent and water based lacquers and glues.

It is strong and will remain straight making it ideal for a range of construction applications.

Eucalypt plantation timber offers a number of features and benefits:

- ✓ Viable alternative to native forest logging
- ✓ Plantation Eucalypt requires less bleaching and chemicals
- ✓ Eucalypts absorb calcium from fertilisers aiding water quality
- ✓ Eucalypt plantations address salinity and erosion issues
- ✓ Preferred for woodchip production due to high fibre yield and low colour



Eucalyptus nitens

PRODUCT



GRADES

NL20
(nitens long length)
16cm diameter
and over 6m length

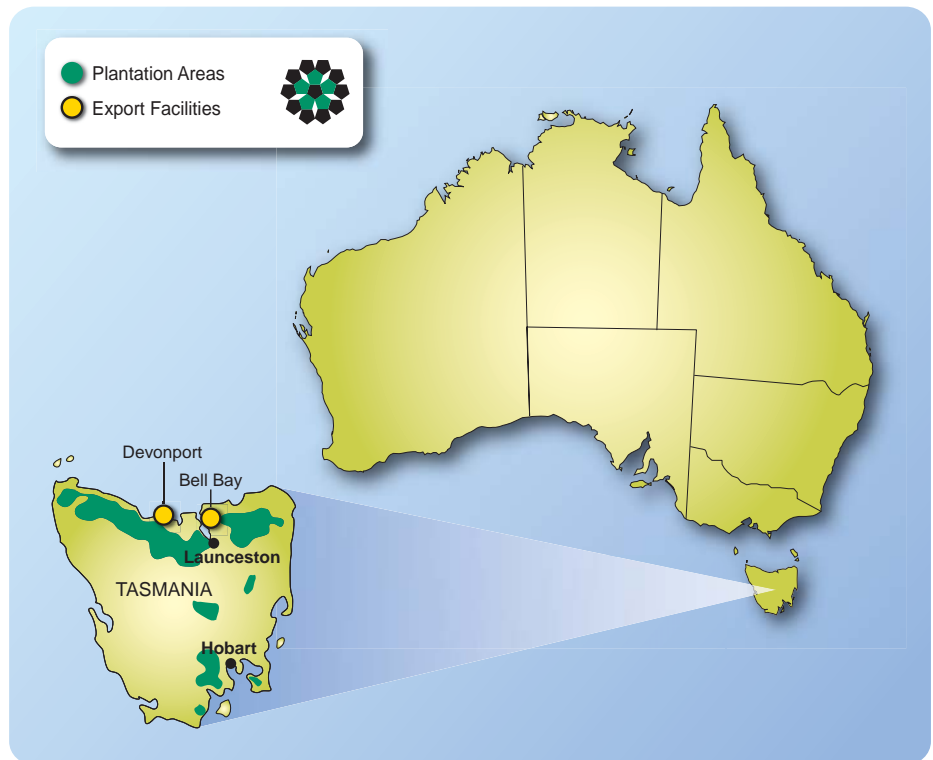
NS20
(nitens short length)
20cm diameter
and under 6m length

APPLICATION

- Woodchips / pulp
- Veneers / plywood
- Green lumber
- Kiln drying
- Furniture
- Construction
 - flooring
 - joists & beams
 - studs & plates

CHARACTERISTIC PROPERTIES

Bending f'b (MPa)	40
Tension f't (MPa)	17
Shear f's (MPa)	4.1
Compression f'c (MPa)	40
Stiffness E (MPa)	10,500
Janka Hardness (kN)	4.7
Joint Group	JD3





Nitens lumber



Nitens flitch



Nitens flooring

PENTARCH PLANTATION HARDWOOD



Nitens small wood processing



Woodchips



Nitens flooring



Construction



Nitens veneer



Nitens export lumber

**PENTARCH
FOREST
PRODUCTS**
an integrated approach

- ▶ harvesting
- ▶ haulage
- ▶ log yard management
- ▶ marshalling
- ▶ shipping



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