

# Hoop Pine

Hoop Pine is an indigenous timber to Queensland.

<b>Common name</b>	Hoop Pine
<b>Look &amp; features</b>	Very fine and even textured wood with a straight grain
<b>Botanical name</b>	<i>Araucaria cunninghamii</i>
<b>Colour</b>	Pale cream to light yellow brown
<b>Common uses</b>	A wide range of internal applications, including cladding, flooring, and bespoke joinery

Much of the early Queensland-style houses were constructed with Hoop Pine, from the roof timbers to the internal wall and floor lining, as well as joinery items such as doors, windows, kitchens, and furniture. It was a prized species by the early Queensland sawmillers for its easy milling, consistent grain, and flexible uses.

Nowadays, Hoop Pine is available as either a recycled or plantation-grown species. The plantations in parts of Southeast and North Queensland were developed by the Queensland government to replace the logging of the native Hoop Pine.

The timber ranges from pale cream to light yellow-brown with little difference between heartwood and sapwood, though the heartwood is a little darker. It is a very fine and evenly textured wood with a straight grain.

It is generally used for internal fit-outs, joinery, flooring, lining, and furniture. It is a very popular species in plywood because of its consistent pale cream colourings.

Hoop Pine machines and turns well, but is not suitable for steam bending. It can be polished, painted, and stained with ease and works well with fittings and fastenings.

## Properties

### Density (kg/m<sup>3</sup>)

GD	680
ADD	550

### Hardness kN (Janka)

Green	3.0
Dry	3.4

**Strength group** S6/SD5

**Joint group** J4/JD4

### Shrinkage

Radial % (approx.)	2-3
Tangential % (approx.)	3.8

### Structural grades

Unseasoned	F4/F5/F7/F8
Seasoned	F7/F8/F11/F14/F17

### Early fire hazard indices

Ignitability	14
Spread of flame	7
Smoke development	3

**Termite resistant** No

### Lyctid-susceptible sapwood

Not susceptible to lyctid borer

