

# Timber Species - Hoop Pine

## SPECIFICATION SHEET 003

### **Araucaria cunninghamii:**

Pine, Hoop Ait. ex D. Don

### **Description**

A large softwood native to the rainforests of northern New South Wales and Queensland, and also occurring in the mountain regions of Papua New Guinea.

### **Colour**

Heartwood pale yellow-brown. Sapwood, to 150 mm wide, almost white. Texture very fine and even. Grain straight. Compression wood often occurs, generally indicated by bands of darker coloured wood. Growth rings inconspicuous.

### **Weight**

*Green Density: approx 680 kg/m<sup>3</sup>*

*Air Dry Density: approx 530 kg/m<sup>3</sup>*

### **Defined Stress Rating**

Minimum F14 stress grade (no testing required). Achievable F17 & F22 (Stress testing required)

### **Workability**

Easy to work. Knots do not machine as easily as those of Pinus species. Unsuitable for steam bending. Glues well.

### **Durability**

Heart-wood not sufficiently durable for external use; variable in resistance to impregnation with preservatives. Complete enclosure by coating with paint or varnish will give protection.

### **Resource**

Mainly in Queensland.

### **Environmental**

Renewable resource. Plantations managed by Department Of Primary Industries.