

**Synonym** : *Nectandra rubra* (Mez.) Allen

**Family** : Lauraceae

**Vernacular names**

Suriname : Wane / Teteroma

Guyana : Determa / Teteruma / Wanu

French Guiana : Grignon franc / Grignon rouge / Laurier

Brazil : Louro vermelho / Louro camela / Canela

**International trade name** : Determa, Louro vermelho

**Occurrence** : Suriname, Guianas, Brazil

**Tree description**

Bole length : bole 15 - 25 m; tree height 25 - 50 m

Diameter : 0.50 – 1.50 m

Log shape : cylindrical, tapered bole; tree base sometimes with thick buttresses

**Wood description**

Sapwood : distinct, not always sharply, dirty yellow to grayish brown

Heartwood : pinkish red to reddish brown

Grain : generally straight, sometimes irregular or highly interlocked

Texture : medium to very coarse

**Technological characteristics**

**Physical properties**

Green density (g/cm<sup>3</sup>): 0.98

Air dry density at 12% MC (g/cm<sup>3</sup>): 0.66

Basic specific gravity : 0.56

Tot. tangential shrinkage (%) : 8.7

Tot. radial shrinkage (%) : 4.0

Tot. volumetric shrinkage (%) : 13.2

**Mechanical properties**

Bending strength at 12% MC (N/mm<sup>2</sup>): 102

Modulus of elasticity (MOE) at 12% MC (N/mm<sup>2</sup>): 11600

Crushing strength at 12% MC (N/mm<sup>2</sup>): 49

## Processing

Sawing	: easy; blunting effect: very slight
Drying	: very difficult, slow and carefully. US kiln schedule T6 – D2 for 25-38 mm and T3 – D1 50 mm stock
Machining	: easy
Gluing	: with special care
Nailing	: medium to good
Finishing	: good; filler recommended
Veneering	: peels and slices well

## Natural durability

Decay fungi	: good to very good
Termites	: moderate
Marine borers	: good

**Treatability (heartwood)** : poor

**End uses** : interior and exterior joinery, cabinetwork, carpentry, moulding, panelling, glued laminated beams, plywood.



Log shape

**Wana** - *Ocotea rubra* Mez