

**Synonym** : *Piptadenia suaveolens* Miq.

**Family** : Leguminosae (Mimosoideae)

### Vernacular names

Suriname : Leki-pikinmisiki / Korobali  
 Guyana : Manariballi / Shirimai  
 French Guiana : Alimmao  
 Brazil : Fava folha fina / Parica-branco / Timborana  
 Venezuela : Carabali / Carbonero  
 Columbia : Hediondo / Bocachico

**International trade name** : Timborana

**Occurrence** : Suriname, Guianas, Brazil

### Tree description

Bole length : bole 10 - 15 m; tree height 20 - 25 m  
 Diameter : 0.50 - 0.65 m  
 Log shape : straight, cylindrical; tree base buttressed

### Wood description

Sapwood : indistinct, greyish white  
 Heartwood : brown to reddish brown  
 Grain : straight to interlocked  
 Texture : fine to medium

### Technological characteristics

#### Physical properties

Green density	(g/cm <sup>3</sup> ):	1.10
Air dry density at 12% MC	(g/cm <sup>3</sup> ):	0.76
Tot. tangential shrinkage	(%) :	7.0
Tot. radial shrinkage	(%) :	4.7
Tot. volumetric shrinkage	(%) :	11.2

#### Mechanical properties

Bending strength at 12% MC	(N/mm <sup>2</sup> ):	123
Modulus of elasticity (MOE) at 12% MC	(N/mm <sup>2</sup> ):	13140
Crushing strength at 12% MC	(N/mm <sup>2</sup> ):	68

## Processing

Sawing	: difficult; blunting effect: moderate
Drying	: slow and careful; prone to severe checking, case hardening
Machining	: easy to moderate, tends to tear
Gluing	: good
Nailing	: good
Finishing	: good
Veneering	: slices well

## Natural durability

Decay fungi	: poor
Termites	: poor
Marine borers	: poor

**Treatability (heartwood)** : fair to good

**End uses** : exterior joinery (treated), flooring, turnery, posts, cross-ties.



Log shape

**Pikinmisiki** - *Newtonia suaveolens* (Miq.) Brenan