



Quarter sawn (left), plain sawn (middle) and crosscut (right), source: Centrum Hout, Houtvademecum 2017

# PAKOELI

*Platonia guianensis*, *P. insignis*

## Houtvademecum and ATIBT

Bacuri

### Tree and wood description

The trees become 20-40 m in height and 40-80 (-120) cm in diameter. The stem is cylindrical and straight and covers 18-21 meter in length. The brown yellow heartwood is clearly recognizable from the 3-9 cm wide white-yellowish till brown yellow sap-wood. Due to the variety in lighter and darker tissue, the wood is striped and flamed. The wood is easy to process and can be worked smoothly.

### Weight and sustainability

Relative resistance against fungi: Heartwood: high (based on literature).

Relative resistance against animal organisms: Heartwood: drywood borers high, termites high, marine borers unknown.

Volume weight: (700-)850(-1050) kg/m<sup>3</sup> at a moisture content of 12%, fresh wood around 1100 kg/m<sup>3</sup> (moisture content around 45%).

Janka hardness: Longitudinal plane 5700 N.

Strength class: unknown

### Common uses

Used in construction, carpentry, furniture, floors, parquet (preferably quarter cuts), vessels, turnery, veneer and plywood. Possibly suited for marine construction in fresh water.

**Source: Centrum Hout, Houtvademecum 2017**

More information: <http://www.lesserknowntimberspecies.com/species/item/90/bacuri--pakan>

## Lesser Known Timber Species Suriname

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