



Quarter sawn (left), plain sawn (middle) and crosscut (right)¹

GINDYA UDU

Buchenavia tetraphylla

Houtvademecum and ATIBT

Tanimbuca

Tree and wood description

The trees become 20-50 meter in height and 60-80 (-130 cm) in diameter. The stem is cylindrical and covers 12 meters in length. The brown heartwood is clearly recognizable from the 2-4 cm wide sap-wood. The heartwood contains bright shadings, creating streaks on the quartered wood and an irregular flaming pattern on the plain wood. Relatively hard to saw as a result of the blunting effect it has on the tools¹.

Weight and durability

Relative resistance against fungi: heartwood information varies between class 2-3¹. Research on two stems from Suriname show promising results with a high durability of 83% of the samples in durability class 1, with some variation (11% in class 3 and 6% in class 4). To confirm this further research is needed on at least one more stem².

Relative resistance against animal organisms of heartwood: drywood borers high, termites moderate, marine borers poor¹.

Volume weight: (750-)930(-1050) kg/m³ at a moisture content of 12%, fresh wood around 1080 kg/m³ (moisture content around 30%)¹.

Shrinkage radial / tangential is total 5.4% and 7.8%; wet to moisture content of 12%, 2.7% and 4.1%².

Common uses

Used in constructions, shipbuilding (construction, planking, decking), floors (also industrial floors), interior and exterior carpentry, furniture, sliced veneer¹. It could have potential for ground and water constructions².

Lesser Known Timber Species Suriname

The LKTS Suriname project is funded by the by participating Dutch and Surinamese companies and:



the Centre for the Promotion of Imports from developing countries (CBI) and the Dutch Embassy in Paramaribo, Suriname

Reference project



Tanimbuca decking in a fresh water Marina established in 2009. Picture of 2018. Expo duurzame waterbouw Akkrum, Netherlands

Source: Mark van Benthem, Probos



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Sources:

¹ Klaassen, R., 2018. *Houtvademecum*, Zwolle: vakbladen.com & smartwave.

² Klaassen, R.K.W.M., J.G.M. Creemers, 2019. *Some properties of lesser known timber species from Suriname*, Wageningen, SHR.

More information:

<https://www.lesserknowntimberspecies.com/species/tanimbuca>

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