



Quarter sawn (left), plain sawn (middle) and crosscut (right)<sup>1</sup>

# KIMBOTO

*Pradosia ptychandra* (Eyma) T.D.Penn., *Pradosia surinamensis* (Eyma) T.D.Penn., *Pradosia schomburgkiana* (A.DC.) Cronquist, *Pradosia cochlearia* (Lecomte) T.D.Penn.

## Houtvademecum and ATIBT

Casca

### Tree and wood description

The trees become 25-40 m in height with a cylindrical stem of 35-100 cm in diameter. The wood has a yellow colour and there is no visible difference between the heartwood and sapwood. Because of the high pebble content and hardness, the workability of this wood is difficult<sup>1</sup>.

### Weight and durability

Relative resistance against fungi: heartwood low and blue stained<sup>1</sup>. Durability is variable (60% of samples in class 1, 20% in class 3, 20% in class 4). The durability findings are based on research of one stem of Surinam Kimboto. Further research on at least two additional stems is needed to confirm the outcome<sup>2</sup>.

Relative resistance against animal organisms: heartwood drywood borers unknown, termites limited, marine borers unknown<sup>1</sup>.

Volume weight: (620-)890(-1080) kg/m<sup>3</sup> at a moisture content of 12%, fresh wood around 1150 kg/m<sup>3</sup> (moisture content around 45%)<sup>1</sup>.

Shrinkage: is large radial / tangential is total 6.2% and 11.5%; wet to moisture content of 12.7%, 3.3% and 7.5%<sup>2</sup>.

### Common uses

Interior carpentry, (industrial, truck) floors, (agricultural) tools, furniture, chopsticks, handles<sup>1</sup>, inside heavy construction, house framing<sup>2</sup>.

#### Sources:

<sup>1</sup> Klaassen, R., 2018. *Houtvademecum*, Zwolle: vakbladen.com & smartwave.

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

## Lesser Known Timber Species Suriname

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