

# Goiaboa (Brazilian Maple)



## **NAMES**

Pilot Name:

Scientific Name: *Pouteria Pachycarpa Pires*; ; *Planchonella Pachycarpa*;  
*Syzygium Pachycarpa*

Family: SAPOTACEAE

## **ORIGIN / TRADE NAMES**

Origin: Southern Brazil, Paraguay  
Central America: Abiurana Amarella  
Brazil: Goiaboa; Abiurana; Abuia Casca  
Colombia:  
Guyana:  
French Guiana:

Trade Names  
Peru:  
Surinam:  
Venezuela:  
Germany: Laubholz  
U.K.:

## **WOOD DESCRIPTION**

Not distinctive odor or taste

Grain: Straight or interlocked, texture medium to fine, luster moderate, not distinctive odor or taste

Sapwood: Not demarcated

Heartwood: Pale yellow heartwood not distinguishable from the sapwood. Figure with yellowish brown longitudinal lines caused by growth rings

## **TECHNOLOGICAL CHARACTERISTICS**

Density	955 Kgs/M3
Green weight (kg/m3):	1,190
Specific gravity at 12% (kg/m3) (heavy to very heavy)	955
Total tangential shrinkage (T%):	7.1
Total radial shrinkage (R%):	3.8
Crushing strength at 12% (N/mm2):	107
Static bending strength at 12% (N/mm2):	198
Modulus of elasticity at 12% (N/mm2):	20,870

## **PROCESSING**

Sawing: power required

Machining: difficulties due to hardness / special tools

Gluing: good

Nailing: good holding of nails / pre-boring necessary

Finishing: good

## **NATURAL DURABILITY AND AMENABILITY TO PRESERVE TREATMENT**

Natural Durability:

- |                          |                       |
|--------------------------|-----------------------|
| a) Decay:                | moderate to very good |
| b) Termites:             | moderate to very good |
| c) Insects of dry woods: | good                  |

## **USES**

Flooring                      Stairs                      Industrial Flooring  
80% HARDER THAN OAK. Aluminum oxide finish for excellent durability