



JACAREUBA

Source

FSC Jacareuba is available in the forests of Precious Woods, located in the Amazon region in Brazil. The trees attain diameters till 1,5 m and heights up to 50 m. The sapwood is a few cm wide. The trunk has a straight shape. It is possible to produce larger dimensions in sawn wood.

Appearance

The heartwood is pinkish beige with small dark veins. The sapwood is easy to distinguish. The grain is curved and often interlocked. The texture is medium coarse. Jacareuba – also known as SantaMaria – is mentioned in the list for certified joinery in the Netherlands (KOMO).

Processing properties

Machining can be done easily, resulting in a rather smooth surface (also interlocked grain). Finishing and gluing are reported to be good. As a result of the approval for certified joinery, the gluing and finishing are extensively tested. Pre-drilling is recommended. Jacareuba has a tension to split. Drying must be done with care to avoid checking and deformation.

Application

Jacareuba is used for applications like cladding, window frames and doors. It is also used for exterior furniture like park benches.

Technical properties

Green density	circa 850 kg/m ³
Density (at 12%)	630 kg/m ³
Shrinkage green – oven dry	5,5% radial; 8,1% tangential
Equilibrium Moisture Content (EMC)	12% (at 65% RH)
Fibre Saturation Point (FSP)	28%
Durability according to literature	Heartwood class 2-3
Bending strength, MOR (defect free samples)	94 N/mm ²
Modulus of elasticity, MOE (defect free samples)	14.840 N/mm ²
Shear strength (defect free samples)	10,8 N/mm ²
Janka hardness	circa 4.000 N
The figures in this table are mainly indicative, unless a specific standard is mentioned, which provides exact figures.	

References

This information is based on research (mainly independent) and experience of Precious Woods, (semi-) scientific literature and the (Dutch) Houtvademecum (10th edition 2010).