



ANGELIM RAJADO

Source

FSC Angelim rajado is available in the forests of Precious Woods, located in the Amazon region of Brazil. The trunk attains a diameter of 60 cm wide, with a few cm wide sapwood.

Appearance

The heartwood is orange yellow with darker (sometimes a little violet) stripes, like veins, which gives the timber a very decorative look. The sapwood is easy to distinguish because it doesn't have these veins. The grain is straight, sometimes interlocked. The texture is medium coarse.

Processing properties

This heavy and hard species can be worked if sufficient power is available. The final product gets a fairly smooth surface. Pre-drilling is recommended. Gluing has to be done with care because of the high density. There is less experience regarding the finishing. Drying has to be done with care to avoid checking.

Application

This decorative and durable species can be used for inside and outdoor applications:

- Interior: e.g. flooring and furniture
- Exterior: e.g. decking and garden timber

Technical properties

Green density	1.200 kg/m ³
Density (at 12%)	1.000 kg/m ³
Shrinkage green – oven dry	6,0% radial; 10,5% tangential
Fibre Saturation Point (FSP)	28%
Durability according to literature	Heartwood class 1-3
Bending strength, MOR (defect free samples)	150 N/mm ²
Modulus of elasticity, MOE (defect free samples)	27.030 N/mm ²
Shear strength (defect free samples)	14,5 N/mm ²
Janka hardness	11.320 N (transversal); 10.380 N (parallel)
<i>The figures in this table are mainly indicative, unless a specific standard is mentioned, which provides exact figures.</i>	

References

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