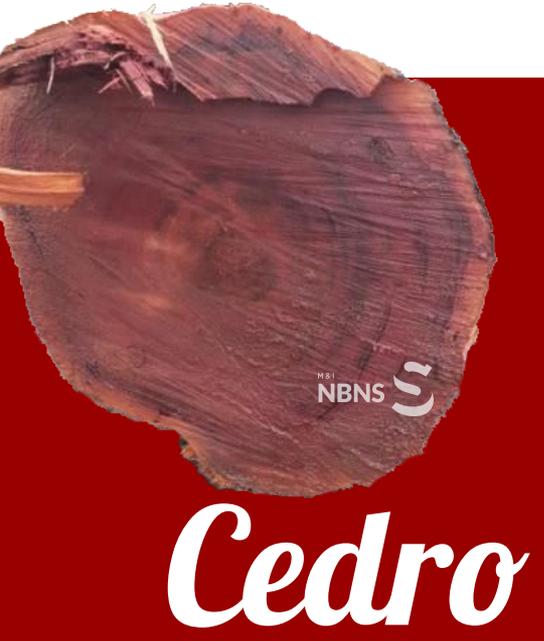


# WOOD

CATALOGUE



# CEDRO ROSA



**Name** **Cedro Rosa Serrado**

**Mass Density** Apparent at 15%

**Humidity** 530 kg/m<sup>3</sup>

**Basic** 440 kg/m<sup>3</sup>

**Shrinkage** Radial: 4.0% / Tangential 6.2% / Volumetric 11.6%

**Color** Heartwood and sapwood differentiated by color, pink-beige heartwood

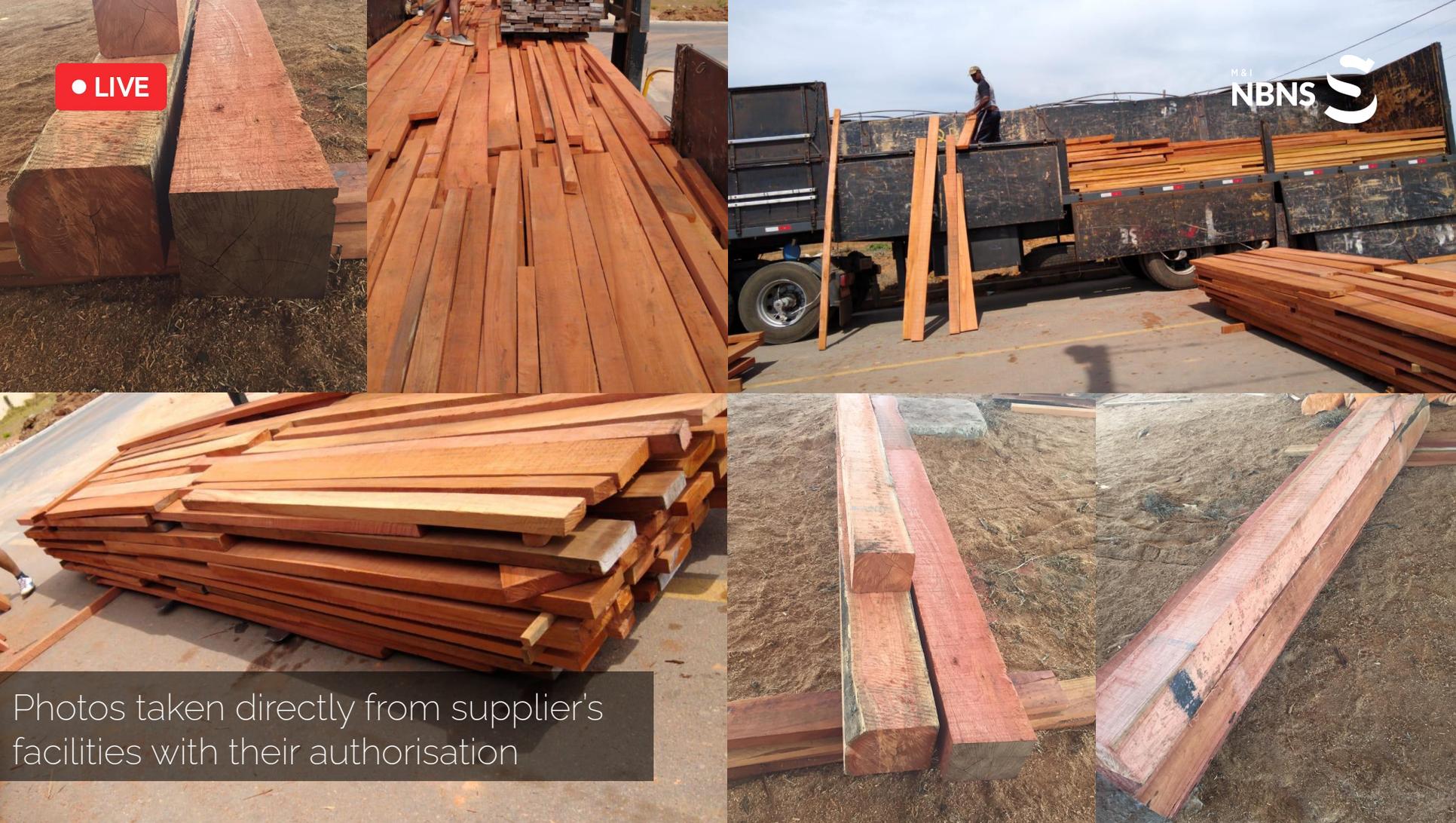
**Surface** Glossy

**Texture** Medium to thick

Workability: cedro-rosa wood is easy to plan, serrate, sand, sanding, brading, gluing and turning. It has a good finish, in some cases resin exudation may occur. Drying: air-drying is fast with little occurrence of defects. Drying in oven is easy, with no warpage or cracking occurring.

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JATOVÁ



# Jatobá

**Scientific name** **Jatobá**

**Mass Density** Apparent at 15%

**Humidity** 960 kg/m<sup>3</sup>

**Basic** 800 kg/m<sup>3</sup>

**Shrinkage** Radial: 3.1% / Tangential 7.2% / Volumetric 10.7%

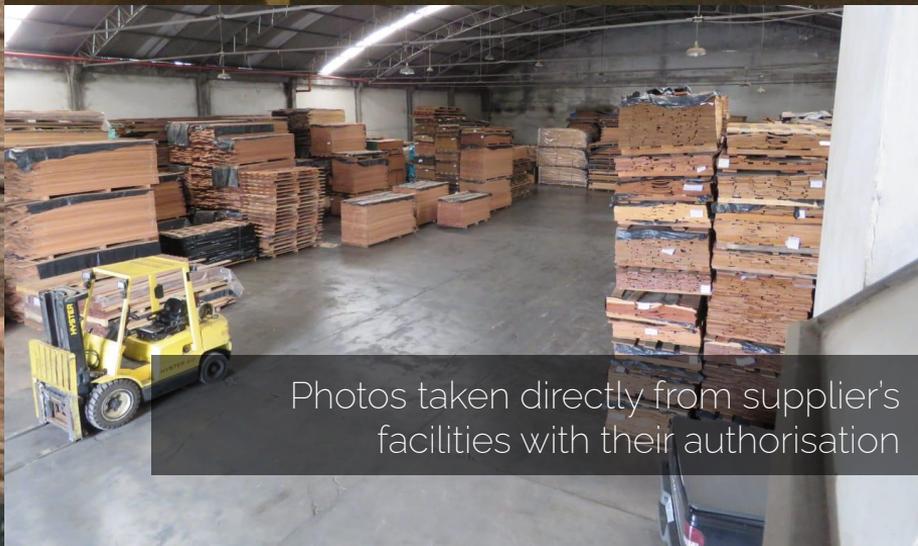
**Color** Heartwood ranging from yellowish brown to reddish brown, yellowish-white sapwood

**Surface** Slightly Glossy

**Texture** Medium

Workability: Jatoba wood is moderately easy to work, it can be planed, glued, screwed and braded without problems. It shows resistance to turning and to slice. The finish is good. It accepts paint, varnish and burnish.

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# ANGELIN



# Angelin

**Name** Angelin

**Mass Density** Apparent at 12%

**Humidity** 710 kg/m<sup>3</sup>

**Basic** 590 kg/m<sup>3</sup>

**Shrinkage** Radial: 4.1% / Tangential 6.3% / Volumetric 10.1%

**Color** Light brown or dark reddish brown, with brown spots darker due to resin oil, pale brown sapwood

**Density** Medium

**Appearance** Fibrous

**Workability:** The wood of angelim-pedra is easy to work with. Finishing from regular to good in planer, turn and drill. It is moderately easy to saw and flatten; it is easy to nail, to screw and allow satisfactory finishing.

**Drying:** Drying is very fast in oven, showing little tendency to twist and bow. Outdoor drying is somewhat difficult.

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# IPÊ CERRADO



# Ipê Cerrado

**Name** Ipê-Do-Cerrado

**Mass Density** Apparent at 15%

**Humidity** 1010 kg/m<sup>3</sup>

**Basic** 840 kg/m<sup>3</sup>

**Shrinkage** Radial: 4.0% / Tangential 5.9% / Volumetric 10.9%

**Color** Heartwood brown or brown-kernel with yellowish or greenish reflections

**Surface** Non Glossy

**Texture** Fine

Natural durability: Ipe wood, in laboratory tests, has been shown to be highly resistant to attack by xylophagous organisms (fungi and termites).

Workability: wood ipe is easy planing, sawing, sanding, drilling, nailing, collar and turning. Presents good finish in some cases there may be oozing resin.

Drying: Air-drying is medium to fast and has small cracking and warping problems. Artificial drying using oven can aggravate the incidence of defects.

# PAU DE Balsa



# *Pau de Balsa*

**Name** Pau de Balsa

**Specific weight** 0.13 to 0.20 g/cm<sup>3</sup>

**Sapwood color** Off-white beige

**Heartwood** Dark beige

**Grain** Regular

**Texture** Fine

**Pores** Visible to the unarmad eye, small to medium, few, solitary or clustered, empty

**Vascular lines** Clearly visible, high

The wood is soft and easy to work with. Due to its characteristics, it is ideal for the construction of rafts, rafts, lifeguards, buoys and toys. The balsa stick can also be used in the construction of models, light boxes, handicrafts and can replace cork. It is also suitable for the manufacture of paper and cellulose; since its fibers are long and produce a high quality type of cellulose.

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