

CUMARU

BRAZILIAN TEAK
TONKA BEAN
CHAMPAGNE

FACT SHEET

SPECIES IN A NUTSHELL

SCIENTIFIC NAME

Dipteryx odorata

JANKA HARDNESS

3,330 lbf (14,800 N)

WEIGHT (DRIED)

1050kg/M3

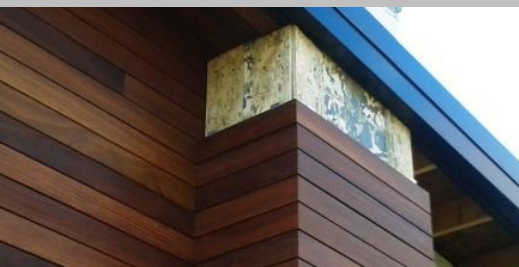
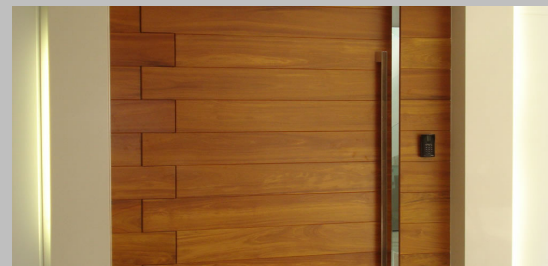
COMMON USES

Furniture / Flooring
/ Decking / Tool
Handles, Cladding

USUALLY

**AVAILABLE
AS**

Rough Sawn Lumber
1" to 4" x 4" & up x 6' & up
Pre-cut sizes for flooring
manufacturing
S4S KD
20mm X100mm/130mm x
450/600/750/900mm
Decking
Flooring



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CUMARU

BRAZILIAN TEAK
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Scientific Name: Dipteryx Odorata

Description:

Fresh heartwood is reddish brown or purplish brown with light yellowish-brown or purplish streaks; upon exposure gradually becomes uniform light brown or yellowish brown. Luster rather low to medium. The species has an irregular, slightly interlocked grain and is coarse and wavy in texture. Waxy or oily feel.

Workability

Tends to be difficult to work on account of its density and interlocked grain. If the grain is not too interlocked, Cumaru can be surface-planed to a smooth finish. However, the wood contains silica and will have a moderate blunting effect on tool cutters. Due to its high oil content and density, Cumaru can present difficulties in gluing, and pre-boring is necessary when screwing or nailing the wood.

Comments

Wood of the species *Dipteryx odorata* is most commonly called Cumaru among most woodworkers, though it is sometimes referred to as Brazilian Teak as well: primarily when used as hardwood flooring. (Brazilian Teak is not related to the wood that is most commonly called Teak, *Tectona grandis*.)

Cumaru is also called by the name Tonka Bean, and the tree is commonly cultivated for its vanilla-cinnamon scented seed—the tonka bean—which contains a chemical compound called coumarin.

Cumaru lumber is extremely stiff, strong, and hard, lending itself well to a variety of applications. It is sometimes used in place of the much more scarce *Lignum Vitae*. The heartwood fluoresces under a blacklight, which can help distinguish it from Ipe.

FULL DESCRIPTION

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