

Itauba

Durability class	Class 1.
Specific gravity	Fresh 1050-1100 kg/m3. At 12% moisture content 850-950 kg/m3.
Colour	Yellow-green-brown.
Applications	Louro itauba is a medium-weight hardwood species that is suitable for more constructive applications (construction wood, beams) as well as for applications such as street furniture, facade clothing, wooden terraces and parquet.
Strength class	D40.
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Hardness	5700-5800 N Janka.
Grain	Straight to irregular.
Timber texture	Moderately coarse.
Stability	Little to medium.
Drying	Itauba dries very slowly, with a tendency to form a crust when hardening, as well as superficial cracks and potential deformation.
Workability	Good, dry wood has a blunting effect on cutting tools.
Details	This wood species has many properties of teak wood. It feels slightly greasy, while smell and taste are mild and not noticeable in dry wood. Itauba hardwood contains tannic acids and can (if the wood is wet) sometimes give black spots in contact with iron. These black spots usually gray to a lighter shade over time.
Screwing/nailing	Pre-drilling is recommended when using Itauba wood.
Finishing of surface	Good.
Botanical name	Mezilaurus itauba
Origin area	Amazon and Guyanas.
Other names	Louro itauba, itaúba amarela, itaúba grande.
Background information	The tree can reach a height of 40 meters; the diameter is around 75 cm.
Quality requirements	Itaúba is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering works and other construction applications.
Family	Lauraceae
Projects	Playground Snowworld.