

# Itauba

<b>Durability class</b>	Class 1.
<b>Specific gravity</b>	Fresh 1050-1100 kg/m <sup>3</sup> . At 12% moisture content 850-950 kg/m <sup>3</sup> .
<b>Colour</b>	Yellow-green-brown.
<b>Applications</b>	Louro itauba is a medium-weight hardwood species that is suitable for more constructive applications (construction wood, <a href="#">beams</a> ) as well as for applications such as <a href="#">street furniture</a> , facade clothing, <a href="#">wooden terraces</a> and parquet.
<b>Strength class</b>	D40.
<b>Brandklasse gevel</b>	D
<b>Hardness</b>	5700-5800 N Janka.
<b>Grain</b>	Straight to irregular.
<b>Timber texture</b>	Moderately coarse.
<b>Stability</b>	Little to medium.
<b>Drying</b>	Itauba dries very slowly, with a tendency to form a crust when hardening, as well as superficial cracks and potential deformation.
<b>Workability</b>	Good, dry wood has a blunting effect on cutting tools.
<b>Details</b>	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.
<b>Screwing/nailing</b>	Pre-drilling is recommended when using Itauba wood.
<b>Finishing of surface</b>	Good.
<b>Botanical name</b>	Mezilaurus itauba
<b>Origin area</b>	Amazon and Guyanas.
<b>Other names</b>	Louro itauba, itaúba amarela, itaúba grande.
<b>Background information</b>	The tree can reach a height of 40 meters; the diameter is around 75 cm.
<b>Quality requirements</b>	Itaúba is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering works and other construction applications.
<b>Family</b>	Lauraceae
<b>Projects</b>	<a href="#">Playground Snowworld</a> .