

Mandioqueira

Durability class	Without ground contact 1, with ground contact 2
Strength class	Unknown
Applications	Mandioqueira is widely used for outdoor applications such as fencing, decking, wall cladding and panelling. This hardwood is also suitable for wooden constructions under a roof and indoors as parquet.
Specific gravity	Fresh 850-1000 kg/m ³ , at 12% moisture content 650-750 kg/m ³ .
Colour	Pinkish brown to reddish brown. Without treatment, Sucupira Amarela in the open air becomes gray to a silver gray quite quickly.
Details	The heartwood has a moderate gloss and no noticeable odour when dry. When Mandioqueira is freshly sawn, however, an unpleasant odour can be released.
Grain	Straight or irregular or cross-thread.
Timber texture	Medium coarse to coarse.
Stability	Average.
Drying	Mandioqueira wood dries fairly quickly to very quickly, with a risk of deformation.
Hardness	6100-9100 N Janka.
Workability	Mandioqueira wood is moderately easy to saw, good to moderately good to edit, like planing, sanding and turning. Indentations can occur in wood with cross-threads. Some species give a woolly surface and some types contain some pebbles which can dull cutting tools quickly.
Screwing/nailing	Good, but pre-drilling is recommended.
Finishing of surface	Sucupira Amarela can probably be well used for indoor applications.
Botanical name	Qualea spec. div.
Origin area	Red mandioqueira hardwood grows in Surinam, French Guyana, Brazil and Peru.
Other names	Sucupira amarela, Qualea paraensis Ducke, Mandioqueira escamosa, Mandioqueira lisa, Gronfoeloe, Mandio
Remarks	The trees reach a height up to 60 m, with a maximum diameter of 100 cm. The trunk is straight and cilindric. It is possible to produce larger dimensions.
Family	Vochysiaceae
Projects	Blok 54 , Bruidsdreef , Gallery , Cladding Nieuw Hydepark