

# Red Angelim

## Most important characteristics

<b>Durability class</b>	Class 1
<b>Specific gravity</b>	Fresh 1350-1450 kg/m <sup>3</sup> . At 12% moisture content 950-1050 kg/m <sup>3</sup> .
<b>Colour</b>	Angelim Vermelho hardwood has a red-brown colour.
<b>Applications</b>	Angelim Vermelho wood can be used for civil engineering construction work, <a href="#">sheet piling</a> , bridge decks, verandas and as garden wood. Angelim Vermelho posts can be used for in-ground applications.
<b>Strength class</b>	D50
<b>Hardness</b>	13500 N.
<b>Grain</b>	Usually interlocked grain.
<b>Timber texture</b>	Medium to coarse
<b>Stability</b>	Little to moderately stable
<b>Drying</b>	Very slow with risk of checking. Little chance of distortion.
<b>Workability</b>	Despite its hardness, Angelim Vermelho wood is easy to machine. During planing, the interlocked grain may cause tearout, but in general the surface can be finished smoothly.
<b>Details</b>	Fresh and dry, Angelim vermelho has a striking rancid (butyric acid) odour that only disappears after a long time.
<b>Screwing/nailing</b>	Pre-drilling Angelim Vermelho is necessary. When using iron fasteners in wet wood, gray-blueish discoloration may occur.
<b>Finishing of surface</b>	Good.
<b>Botanical name</b>	Dinizia excelsa Ducke.
<b>Origin area</b>	Red Angelim wood grows in the Amazon region.
<b>Other names</b>	Angelim, Faveira grande, Faveira ferro, Red Angelim.
<b>Background information</b>	Freshly sawn heartwood is yellow-brown in colour, usually streaked and often with an orangish tinge, fading to reddish brown. The sapwood is pinkish and not always sharply defined from the heartwood.
<b>Quality requirements</b>	Angelim Vermelho wood is listed in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering projects and other constructive applications'.
<b>Remarks</b>	FSC® certified Angelim Vermelho is available in large quantities in the Amazon regions of Brazil. The 20-30 meters high tree is straight and cilindric, often with buttresses. The diameter of the trunk is up to 1,5 meter, which makes it possible to produce larger dimensions of sawnwood.
<b>Family</b>	Leguminosae (Mimosaceae).
<b>Projects</b>	Van den Berg Hardhout supplies Angelim Vermelho posts, planks and beams. Available in standard sizes or custom made according to your wishes. <a href="#">Construction of decking</a> (Mijnsheerlyckheid) , <a href="#">Construction for terrace decking</a> , <a href="#">Leeuwenberg Wildlands Emmen</a>