



## IZOMBÉ

### Source

FSC Izombé is available in the forests of Precious Woods, located in the Congo Basin of Gabon. The tree attains heights up to 30-36 m and diameters normally between 70 and 90 cm (sometimes 120 cm). The trunks are straight and cylindrical and have high buttress root boards.

### Appearance

Freshly sawn Izombé has an ocher yellow to pinkish yellow brown color. Sometimes the heartwood has curved veins on the wood surface. The 30-50 mm thick sapwood has pinkish yellow to yellow color and is difficult to distinguish. The wood structure is straight to irregular and sometimes interlocked. The texture is fine.

### Processing properties

The machining of Izombé can be done easily. Pre-drilling is recommended. The gluing and finishing properties are good. It dries moderately quickly till quickly. Plain sawn timber has a rather high risk of cracking.

### Application

Izombé can be used for cladding, garden timber, door and window frames, doors, windows, furniture, parquet and flooring.

### Technical properties

Green density	900-1.050 kg/m <sup>3</sup>
Density (at 12%)	730 kg/m <sup>3</sup>
Shrinkage green – oven dry	4,0% radial; 7,5% tangential
Fibre Saturation Point (FSP)	25%
Durability according to EN 350:2016	Heartwood class 2-3 (in-ground tested) Heartwood class 1 (without ground tested)
Bending strength, MOR (defect free samples)	120 N/mm <sup>2</sup>
Modulus of elasticity, MOE (defect free samples)	9.500 N/mm <sup>2</sup>
The figures in this table are mainly indicative, unless a specific standard is mentioned, which provides exact figures.	

### References

This information is based on research (mainly independent) and experience of Precious Woods, (semi-) scientific literature and the (Dutch) Houtvademecum (10<sup>th</sup> edition 2010).