



Ayan

BOTANICAL NAMES

Distemonanthus benthamianus Baill.

It belongs to the Leguminosae cesai piniaceae family.

TRADE NAMES

The wood is known everywhere by the name movingui, except in Great Britain it is commonly called ayan.

Barre - Ivory Coast

Bonsamdua, dubai - Ghana

Anyaran, edo - Nigeria

GROWTH AREA

The tree grows in the humid rainforests that extend in West Africa along the equatorial belt.

TECHNOLOGICAL FEATURES

Sapwood and heartwood are differentiated. Sapwood is not usable and is characterized by a grayish-yellow color, while the heartwood is lemon-yellow and tends to darken with time and exposure to light. The texture is quite fine while the grain is often crossed and wavy. This characteristic gives it a decorative aspect, especially in veneers obtained by quartersawing. It is moderately durable, particularly as regards insect attacks.

DRYING METHOD

This wood does not show an excessive tendency to deform or split, but it is better to proceed with a slow and careful drying.

SPECIFIC WEIGHT

When seasoned in the air it has a specific weight ranging between 690 and 800 Kg/m³.

MAIN USES AND WORKING

Ayan is easy to work with. The only drawback it has is the high silica content, which tends to wear out the tools used. It is easily worked, although because of its silica content, tools wear out quickly. Joints with nails and screws are effective, but difficult to penetrate. It is generally used in carpentry, especially for making floorboards, vehicle bottoms. Due to the elasticity of this wood, it can be used for curved-shaped objects. Since it is resistant to chemical agents, it is also used to make containers for industries. Normally used as a decorative veneer, thanks to its yellow color it is also in great demand among inlayers.

ZANUSOlegno

"Details make perfection
and perfection is not a
detail."