Geronggang

Atibt
Gerongang; NEN-EN 13556: geronggang (GB), geronggang (F), Geronggang (D), Code CWXX

Other names
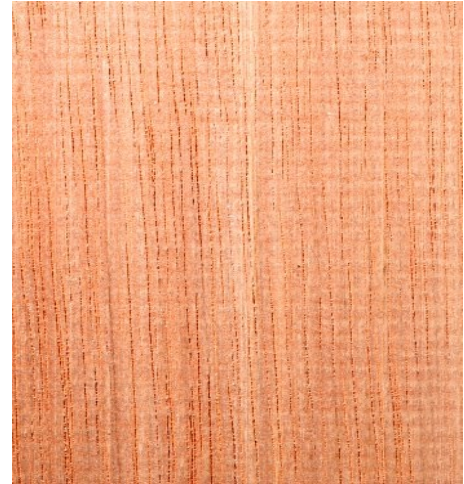Gerunggang (Indonesië), serugan (Sabah), gonging, gerungang (Maleisië).

Botanic name
Cratoxylum arborescent (Vahl Blume, Cratoxylum spp..

Family
Hypericaceae (= Guttiferae)

Growth area
Indonesia and Malaysia.

Tree Description	Height averages 18(-50) m. The sometimes irregularly grown trunks are 0.45-0.65m in diameter. In Sabah, geronggang sometimes has a diameter of 2.1m, maximum 3.6m.
Supply	Sawn lumber and semi-finished products.
Wood Description	Gerongang heartwood is fresh dull pink to light brick red in color. Exposed to light, the heartwood darkens a bit, but it retains its red tint. Sometimes dark-veined wood occurs. The sapwood, up to 50mm wide, is yellowish to pale pink in color. In general, geronggang resembles red meranti, but the color is more pink.
Wood Recognition	Reddish-brown in color, on head surface two types of vessels: larger single ones and smaller ones in radial groups.
Grain	Straight.
Texture	Moderately coarse.
Voluminous mass	(350-)555(-710) kg/m3 at 12% moisture content, fresh 700-750 kg/m (moisture content about 45%)
Shrinkage	Radial 2,4% and tangential 4,4%.
Drying	Fast, with no tendency to distortion.
Hardness	Longitudinal plane 1750 N.

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Machinability	Good. However, the gravel has a dulling effect on the tool
Nailing & Screwing	Good.
Adhesives	Good.
Bend	Not known
Surface finish	Good.
Impregnability	Heartwood 1, sapwood not known.
Applications	Indoors for all kinds of carpentry work. In regions of origin, geronggang is also used for simple furniture and plywood. It is also used for packaging wood and all kinds of wood products.
Strength class	Not known.

Sustainability

Relative resistance to mold
Heartwood class 4-5 (literature).

Relative resistance to animal organisms
Heartwood: drywood borers not known, termites S and marine borers not known.

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