



## Veneer Purpleheart 0.56 mm

Item No. 01-000023



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## Description

A plain texture and a splendid purple to violet colour are the main characteristics of amaranth. The alternating twisted growth makes the fibre course appear irregular, thus growth zones are hardly recognisable. The pores are light, mostly white filled and scattered on a darker ground. The structure of this decorative and unusual wood species is striped, finely needle-cracked and wavy.

### Trade names and other names

Abbreviation DIN EN 13556: PGXX

Botanical name: *Peltogyne venosa*

German: Amarant, Amaranth, Violettholz

English: Purpleheart, Amaranth, Violetwood

French: Amarante, Bois violet, Bois pourpre

Italian: Amarant

Spanish: Amarante, Morado

Portuguese: Pau roxo, Roxinho, Guarabu, Ipe roxo

Dutch: Purperhart

### Technical wood properties

Weight fresh/green: 1'100 - 1'300 kg/m<sup>3</sup>

Density air dry (12-15% u): 800 - 950 kg/m<sup>3</sup>

Tensile strength: 2.8 - 4.5 N/mm<sup>2</sup>

Compressive strength: 73 - 85 N/mm<sup>2</sup>

Flexural strength: 135 - 163 N/mm<sup>2</sup>

Shear strength: 15 - 17 N/mm<sup>2</sup>

Hardness according to Brinell BI: 92 N/mm<sup>2</sup>

Hardness according to Brinell: 49 N/mm<sup>2</sup>

Differential shrinkage (radial): 0.40 - 0.58%.

Differential shrinkage (tangential): 0.40 - 0.58%

Natural durability (DIN-EN 350-2): 2-3, durable to moderately durable

Values of the technical properties of a wood species refer to a wood moisture content of u 12% to 15%. Data without guarantee.

## Occurrence

Amaranth is native to tropical South and Central America.

## Trunk and bark

Amaranth is between 30 and 50m high and has a diameter of 80 to 120 cm.

## Characteristics and wood colour

The pores of amaranth are light and scattered on a darker ground, often filled with a white substance. Structure very straight grained and dense. The annual rings are hardly visible in amaranth. The wood of amaranth has a splendid purple to violet colour. Sapwood whitish.

## Substitute woods

Bubinga, Tineo, East Indian Rosewood

## Literature

- *Wood Atlas | 6th edition in 2006 | Rudi Wagenführ*
- *Wood science volume 1-3 | 1982 | Hans Heinrich Bosshard*
- *Properties and core sizes of wood species | 1989 | Jürgen Sell / Lignum Switzerland*

# Specifications

Category	Veneers
Product group	Veneers sliced
Thicknesses	0.56 mm
Weight kg/m <sup>2</sup>	0.440
Specie	Purpleheart
Botanical name	Peltogyne venosa
Wood type	Hardwood
Main occurrence	South America
Wood origin	Brazil
Manufacturing/origin	Germany
Certification	not certified
Colour	red
Hue	medium colour
Use	furniture   musical instrument   Boat and ship building   construction wood
Customs tariff number	44083900
Packaging	in bundle, approx. 24-32 sheets
Items on stock	yes
Date of delivery	approx. 3 - 6 working days
Postal shipping	nein

# Documents



Prospekt Furniere & Massivholz



Produktblatt Furnier-Imager



Produktblatt mtextur



Holzdeklaration

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