

MARIPOSA HARDWOOD TIMBER FLOORING DATA SHEET – Hevea

Family: Euphorbiaceae.

After about 25 years of producing latex for the rubber industry, the rubber trees' production declines and they are culled from the plantations and replaced with seedlings. These culled trees then get a new life as solid-wood Hevea flooring.

The Tree: In the wild may reach heights of 30 to 40M with large cylindrical trunks with or without buttresses. Cultivated the tree reaches a diameter of about 500mm., usually with a short bole, and with pronounced taper.

General Characteristics: Heartwood whitish when freshly cut, becoming light brown with a pink tinge on exposure; not distinct from sapwood. Texture moderately coarse and even; grain straight; has a characteristic sour smell; luster low.

Density: Basic specific gravity (oven dry weight/green volume) 0.48; air-dry density 915 kg/M3.

Mechanical Properties: (50mm standard)

TEST	GREEN	KILN DRIED & CONDITIONED
Moisture Content	34%	8-12%
Bending Strength	740 kg/cm ²	1070 kg/cm ²
Modules of Elasticity	133,620 kg/cm ²	168,590 kg/cm ²
Maximum Crushing Strength	450 kg/cm ²	750 kg/m ²
Janka	6.20 kN	8.50 kN

Drying and Shrinkage: The drying shrinkage of Hevea is relatively low compared to most hardwood with same density and this makes Hevea more dimensionally stable than most other timber species used for timber flooring.

Working Properties: Hevea is a medium density hardwood with a hardness similar to Oak and Teak. This makes Hevea relatively harder than most other plantation timber species.

Durability: Rated as slightly or nonresistant to heartwood decay.

Preservation: Moderately resistant to penetration with preservatives.

Uses: Flooring, furniture, pallets, boxes and crates, shoe lasts, handles, woodenware, novelties.

Product Code	Available Range	Dimensions
TW013	Trendwood Classic – Hevea	10mm x70mm x 600mm
TWH13	Trendwood Herringbone – Hevea	10mm x 70mm x 280mm
TW213	Scotia – Hevea	19mm
TW313	Nosing Classic – Hevea	20mm x 70mm
TW413	Reducer – Hevea	10mm x 2mm x 70mm
TW513	Skirting - Hevea	10mm x 70mm

How to specify your Mariposa Hardwood Floor:

1. **Product Code - Species – Range** eg: TW013 – Hevea – Trendwood Plus
2. **Number of Square metres – allow up to 5% wastage**
3. **Accessories – Nosing for any stairs, scotia or skirting for perimeter**

A large range of other products can also be manufactured in Hevea on request. Included are unfinished strip flooring, inlays, borders, & medallions. Minimum order quantities apply.

Please consult your local Mariposa Hardwood Flooring expert for assistance in converting your design requirements to a beautiful solid timber floor by Mariposa.

Mariposa Group Pty Ltd

Head Office: PO Box 1575, Brisbane, Australia, 4001 Email: floors@mariposagroup.com.au Web: www.mariposagroup.com.au

