HARDWOOD PRODUCT SERIES

CRANE BLOCKS & MATS

African hardwood timber for project-specific ground support, lifting operations and site works.



HARDWOOD. CUT TO YOUR REQUIREMENTS.

CRANE OPERATIONS

CONSTRUCTION

LANDSCAPING

01 / CRANE APPLICATIONS

Timber for the support arrangement.

Sisanda Agric supplies African hardwood sleepers and project-cut timber for uses beyond rail. Crane blocks and mat components are specified around the equipment, the ground and the lift plan.



Mobile cranes

Timber blocks may form part of an outrigger support arrangement where the lifting design specifies them.

Crawler cranes

Timber mats or platforms may be required beneath tracks or along planned travel routes. The complete arrangement must be designed for the site.

Specify the system before the timber.

Provide equipment reactions, ground bearing information and the proposed support layout. Crane tonnage alone does not establish a timber support rating.

02 / OTHER APPLICATIONS

Other applications

Hardwood timber for project requirements outside railway use, with dimensions and treatment selected for the intended application.





Construction

Temporary access, ground protection and selected civil works. Timber sections and any assembled mat system must suit site and equipment requirements.

Landscaping

Edging, steps, raised beds and landscape features. Confirm timber treatment and suitability for the location and expected contact conditions.

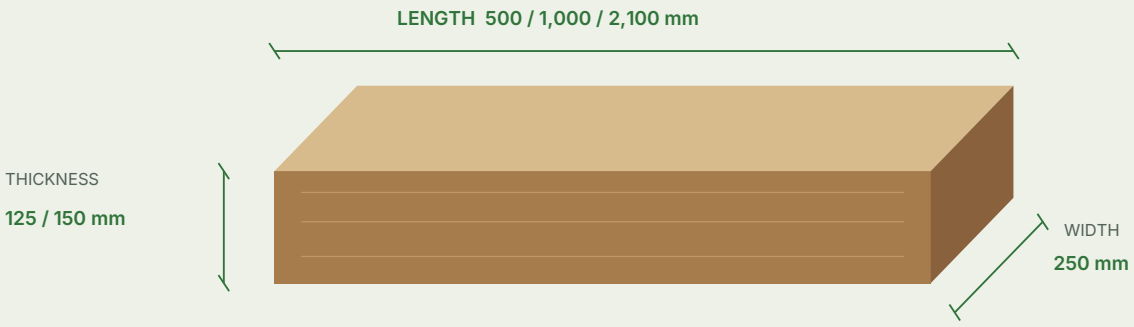
DISCUSS YOUR APPLICATION WITH THE SISANDA TEAM.

03 / DIMENSIONS

Profiles & sizes

Preliminary dimensions supplied for product selection and enquiry. Confirm final sizes, tolerances and availability when ordering.

SOLID TIMBER PROFILE



ILLUSTRATIVE PROFILE / NOT TO SCALE

SUPPLIED PROFILE	THICKNESS	WIDTH	LENGTH
Standard timber	125 / 150 mm	250 mm	1 / 2.1 m
Crane-cut block	125 / 150 mm	250 mm	500 mm

Blocks and mat assemblies

These dimensions describe individual timber pieces. Assembled mat dimensions, connections and load ratings are project-specific and remain to be confirmed.

04 / TECHNICAL SPECIFICATIONS

Material & test data

The supplied product sheet identifies the timber as Messasa (Brachystegia spiciformis). Measured performance and certification will be added when the supporting documents are received.

PROPERTY	PRELIMINARY INFORMATION / STATUS
Timber species	Messasa - Brachystegia spiciformis
Treatment options	CCA / creosote; confirm for the application
Density (kg/m³)	Awaiting test data
Hardness (N/mm²)	Awaiting test data
Compressive strength (N/mm²)	Awaiting test data
Bending strength (N/mm²)	Awaiting test data
Modulus of elasticity (N/mm²)	Awaiting test data
Durability / fungi / termite resistance	Awaiting supporting results
SABS documentation	Certificate and results awaited

SABS results pending

This preliminary brochure does not declare SABS certification or a rated crane load capacity. Final material properties, treatment details and the scope of any certificate must be checked against the issued documents.

05 / PROJECT ENQUIRIES

Tell us what the site needs.

Share the intended application and your timber requirements. Sisanda Agric can review the requested profile, quantity and delivery location with you.



01 Application

Crane support, construction or landscaping.

02 Specification

Section size, length, treatment and quantity.

03 Delivery

Site address, access requirements and timing.

For crane enquiries

Include the crane model, maximum outrigger or track reactions, ground assessment and support layout from the project team.

Images are illustrative, including generated scenes. They do not represent supplied products, completed Sisanda projects or approved lifting arrangements.

Discuss your timber requirements.

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