



Kayu® International, Inc. is the global leader in tropical hardwood decking. A Direct Importer of the finest Tropical Hardwoods for the U.S. and Canadian markets, founded in 1994; providing decades of High Quality Hardwood, Dependable Service at Affordable Prices. Our warehouses are stocked year round and are strategically located on the West Coast, Mid-West, South-West and East Coast.

Fundamental Guidelines

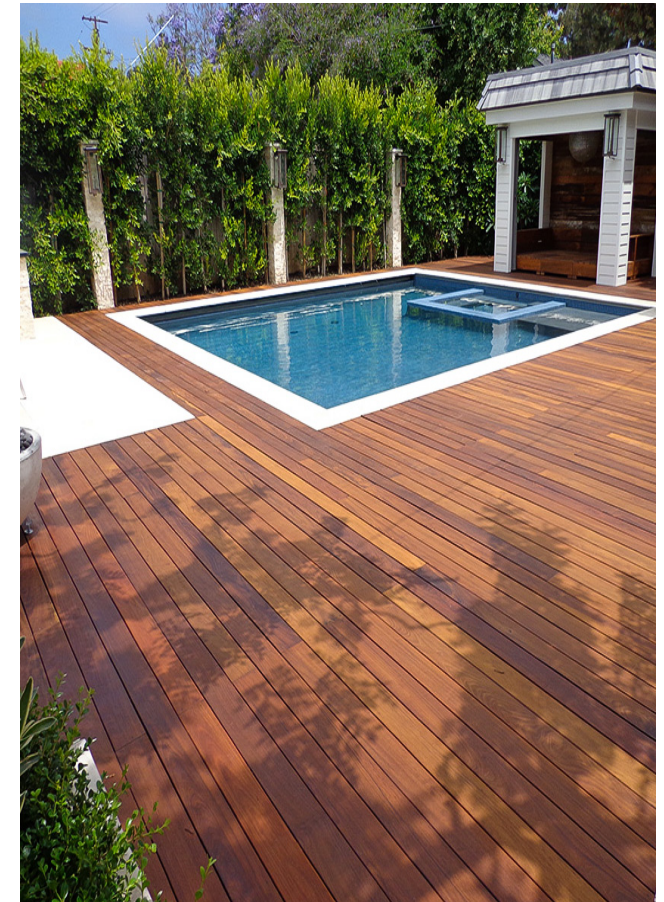
We've outlined some fundamental guidelines to assist you with the process of installing your decking, being mindful that each project is unique and the details vary from build to build. Please consult with a professional deck installer in your area.

All wood is subject to expansion and contraction as the moisture in the environment surrounding the wood changes. KAYU® boards are skillfully kiln-dried, board to board, resulting in highly consistent results. Unlike air-dried boards, shrinkage is very limited with kiln-dried boards.



INTERNATIONAL, INC.
 Legendary Performance™

KAYU® Hardwood Decking Installation Fundamentals



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Start Living Your Dream, Build with KAYU®



Storage and Handling:

- ❑ Before installation and finishing, keep your KAYU® hardwood deck boards clean, dry and out of direct sunlight. Acclimate wood to your project site by dry storing 2 weeks prior to installation (for indoor applications only).
- ❑ Do not cut Metal anywhere near KAYU® Hardwood during the installation process, avoiding MPCC (Metallic Particle Corrosion Contamination).



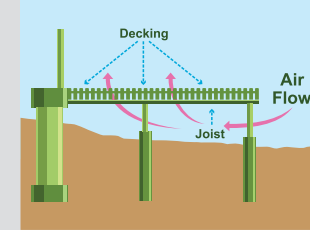
Finishing:

- ❑ Prior to installation, seal decking with a high quality penetrating oil sealer on all four sides. The initial sealing will penetrate into the wood and put a barrier from water going in or out of the wood. Sealing only one side will create uneven moisture flow which increases the likelihood of cupping.
- ❑ In order to bring back the original color of the deck, a periodic cleaning and a new coat of finish will be necessary. The rate at which maintenance is needed, depends largely on the degree of exposure to direct sunlight, the climatic conditions, preference of deck color and the frequency at which any preservative treatments are applied. Once a year is the standard guideline for deck maintenance.
- ❑ Similar to other exterior wood products, with time, KAYU® Hardwoods will gradually fade to a silver-gray patina color. After the initial seal/stain, if this is preferred, leave unfinished and allow to weather naturally. In this state of condition, maintenance on your deck will be as low as any other deck product on the market.



Ventilation and Air Flow:

- ❑ Building codes are constantly changing and they can vary by state, county, city, town, and/or district. Contact your local Building Inspection Department to ensure compliance of decking installation.
- ❑ Allowing adequate ventilation is extremely important for proper air-flow to reduce the potential for cupping and surface checking (see diagram).



- ❑ For maximum long-term stability, install the deck with a minimum ground clearance of 18", ensuring at least two sides of the deck are open. Also it is very important to have at least 50% unrestricted air-flow at all times.

- ❑ Create a slope for drainage posing no chance of standing water.
- ❑ If a minimum ground clearance of 18" is not obtainable, we recommend installing 5/4 X 4 decking.

Maximum Allowable Decking Spans:

KAYU®-Batu™, KAYU®-DRM™ Decking

Nominal Size	100 PSF on Center
1X4	16" on center
1X6	16" on center
5/4X4	24" on center
5/4X6	24" on center

KAYU®-Borneo Mahogany™ Decking

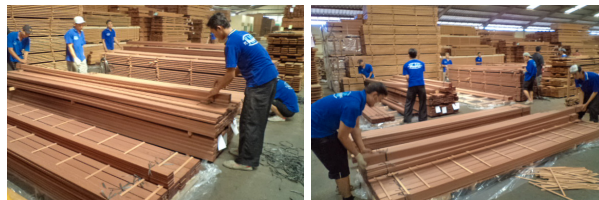
Nominal Size	100 PSF on Center
1X4	16" on center
1X6	16" on center
5/4X4	18" on center
5/4X6	18" on center

We recommend narrower spans, for a sturdier Hardwood deck.



Spacing:

- ❑ KAYU® decking is skillfully kiln-dried for consistency, board to board, using a highly sophisticated process of computer and operator controlled heat and humidity to adjust and regulate the drying of the lumber. Excessive moisture will cause the boards to expand slightly. Unlike air dried boards, shrinkage is very limited. Please refer to our website pdf document on informing you, why kiln drying is far superior to air-dried.
- ❑ Install 6" (5-1/2" net) decking with a minimum gap of 1/4" between each deck board. 4" (3-1/2" net) decking should have a minimum gap of 3/16" between each board. In addition, allow 1/4" from any structures such as foundations or rail posts.
- ❑ In more demanding applications, such as boat docks, decks built closer to the ground and decks with less airflow, a minimum gap of 5/16" for 6" decking and a minimum of 1/4" for 4" is necessary.
- ❑ KAYU® decking does not shrink or expand end to end (unlike composite decking), therefore neatly trim ends and butt together.



Fastening:

- ❑ Pre-drill pilot holes and countersink for all screws, using high quality #10 (or greater) stainless steel screws, with a minimum screw penetration into joist of 1-1/2".
- ❑ Face screwing or edge screwing are the most effective methods of installation. Edge Screwing for a minimum of 5/4 decking. It is important that every joist, is fastened through the face of the board. **Do not use hidden clip fasteners or nails!**



Safety:

- ❑ Safety should be one of your main concerns when installing decking and/or flooring. We recommend wearing protective eyewear, dust masks and gloves during installation. When using a saw, always cut away from your body. Check with your local department of Building and Safety before you start a project and/or have safety concerns.

**100% NATURAL BEAUTY
JUST AS NATURE INTENDED**

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