

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



Legendary Performance™



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KAYU® Hardwood is Proudly Distributed by

Kayu® International, Inc. was founded in 1994 and is one of the world's largest serving Direct Importers of the finest Tropical Hardwood for the U.S. and Canadian markets; providing decades of High Quality Hardwood, Dependable Service at Affordable Prices.

Fundamental Guidelines

We've outlined some fundamental guidelines to assist you with the process of installing your siding, being mindful that many construction / installation details often vary from build to build.

All wood is subject to expansion and contraction as the moisture in the environment surrounding the wood changes. KAYU® hardwood is skillfully kiln-dried, board to board, resulting in highly consistent moisture content. Shrinkage is very limited, unlike air-dried boards.

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**KAYU®-BOARD & BATTEN SIDING™
INSTALLATION FUNDAMENTALS**

**The Look of a New Generation, The Feel of Tradition
Build with KAYU®**

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Maximum Allowable Siding Spans for Exterior Siding:

KAYU®-Exterior Siding™	
Nominal Size	100 PSF on Center
1 x 4	16" on center
1 x 6	16" on center
5/4 x 4	24" on center
5/4 x 6	24" on center

We recommend narrower spans, for a sturdier Hardwood siding.

DISCLAIMER

KAYU® hardwood products are carefully selected species and manufactured to ensure the finest quality. However, all natural wood is subject to some minor expansion and contraction as the moisture in the environment surrounding the wood changes through the seasons. Careful attention to our installation instructions will be important to long term performance and enjoyment.

STORAGE AND HANDLING

- Before installation and finishing, keep your KAYU® hardwood boards clean, dry and out of direct sunlight. Acclimate to your project site by dry-storing 2 weeks prior to installation. Do not store siding directly on the ground. Be sure the bottom boards are well ventilated by placing the boards at least 12" off the ground and on top of blocks. Do not cover Kayu® material with plastic or tarp during the acclimation period, this will trap moisture and cause stability issues. Place a sheet of plywood on the top of the boards to protect against water. Do not store the wood in an enclosed area (this includes warehouses & garages). Keep material dry until installation.
- Do not cut Metal anywhere near KAYU® Hardwood during the installation process, avoiding MPCC (Metallic Particle Corrosion Contamination).

SEALING /FINISHING

- Prior to installation, seal siding with a high-quality penetrating oil sealer on all four sides. 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 board, a periodic cleaning and a new coat of finish will be necessary. Once a year is the standard guideline for maintenance. The rate at which maintenance is needed, depends largely on; the degree of exposure to direct sunlight, climatic conditions, preference of deck color and the frequency at which any preservative treatments are applied.
- Similar to other exterior wood products, with time, KAYU® Hardwoods will gradually fade to a silver-gray patina color. In this state, maintenance on your deck will be as low as any other siding product on the market.

KAYU® DRYING

- KAYU® decking is skillfully kiln-dried for consistent application, board to board, using a highly sophisticated process of computer and operator controlled heat and humidity to adjust and regulate the drying of the boards. Excessive moisture will cause the boards to expand slightly. Unlike air dried boards, shrinkage is very limited. Please refer to our website resource pdf. about why kiln drying is far superior to air-dried.
- KAYU® decking does not shrink or expand end to end (unlike composite decking), therefore neatly trim ends and butt together.

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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 siding installation.
- Allowing adequate ventilation is extremely important for proper air flow to reduce the potential for cupping and surface checking. In high moisture areas, it is imperative to leave an expansion space; allowing the wood to expand and contract. In high moisture areas do not install the siding too tight, leave a 1/16" expansion gap between each board.
- **For maximum long term siding stability:**
 - **Vapor barrier / house wrap** is a water-resistant synthetic material that protects the structure of your home from moisture damage. Using a breathable building paper, apply wrap to the wall as per specifications. wrapping stops moisture from getting into the framing or insulation; damaging the internal linings, or seeping lower into the building.
 - **Furring Strips:** attach 3/4" furring strips 16" apart on center.

FASTENING

- Board-and-Batten is a vertical pattern created using Kayu hardwood boards and battens of various widths for a wide range of appearances.
- For 6 inch boards spaced 1/2 inch apart, battens should overlap by at least 1/2 inch. With wider boards, increase batten overlap proportionately. While there are no set widths for board and batten siding, an attractive combination is 1x3 battens with 1x10 boards.
- Siding boards should be nailed to furring strips.
- Boards up to 6 inches wide should be fixed with one nail per bearing driven through the center of the board. The overlying batten covering the gap between boards should be attached with one nail per bearing, the shank passing between the edges of the under boards. Use two nails per bearing on boards 8 inches and wider placing the nails 2-1/2 to 3 inches apart.

Kayu® Hardwood Siding up to 6" Wide

Kayu® Hardwood Siding 8" & Wider



SAFETY

- Safety should be one of your main concerns when installing siding. We recommend wearing protective eye-wear, 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.