



**Legendary Performance™**

## KAYU® 100% Kiln-Dried Hardwood

***At KAYU® International, we value high quality consistency; therefore, All of our Hardwood is 100% Kiln-Dried***

One of the most crucial fundamentals to woods strength and performance over time is to consistently dry the wood to its optimum moisture content (MC). The two methods of drying are Kiln-Dried (KD) or Air-Dried (AD).

All our KAYU® Exotic Hardwood is 100% Kiln-Dried (KD) and inspected twice by our exclusive graders, based in SE Asia, before the wood is shipped. Our Kiln-Dried lumber uses a highly sophisticated process of computer and operator controlled heat and humidity to adjust and regulate the drying of the lumber. Kiln-Dried has an enormous advantage, not only is the wood dried uniformly to a precise 12-14% MC; the wood is stable & shrinkage is done. Losing most of its water during the drying process, resulting in far less weight. With true Kiln-Dried wood, there will be no Kiln stick-marks or mold on the wood. Our KAYU® Exotic Hardwood is carefully monitored by Kiln dryers that are highly technical and have the advantages of modern-day computerized programming. Proven drying cycles that are extremely accurate and consistent; load to load and board to board, Kiln-Dried hardwood is far superior to Air-Dried with highly consistent results.

Hardwood lumber that is Air-Dried, is typically left outside to dry in inconsistent environments, spaces, conditions, weather and length of time. Air-Dried lumber typically results in large variations of moisture percentages and quality.



The problems that occur with the Air-Dried process is with the wood often times not drying evenly and at 22-35% MC; leaving some of the boards susceptible to shrinkage and some to expansion.

Because of the current high demand for Exotic Hardwood, many of the conflicting mill owners do not have the time to dry the wood properly and meet the consumer demands. This may result in higher prices and with the lumber being shipped too early, still in the "green/wet" state. This is problematic for the lumber companies when the lumber arrives moldy and sticker stained. In addition, the lumber can be grown from various areas of the region and from multiple mill owners with the risk of the wood being intermingled during the shipping and sales process, creating additional inconsistency.

Air-Dried is an outdated process that is substantially less costly than Kiln-Dried. Although an outdated process with inconsistent variations; many mill owners simply can't afford the financing for Kiln-Dried dryers and have no choice but to continue with the outdated Air-Dried process.

### **COMPARE...**

Exotic Hardwood can range from moderate to higher priced lumber, depending on the species, sizing and grade of the material. Because these Exotic Hardwood Lumber species last so long, they are considered the lowest priced material over their life-span. When choosing your Exotic hardwood material, it is important to have an understanding of the different choices you have. At Kayu® we value consistency; therefore, all of our hardwood is 100% kiln dried.



KAYU<sup>®</sup>  
INTERNATIONAL, INC.

A photograph showing three large wooden crates stacked vertically. Each crate is wrapped in clear plastic and has a white label with the word 'KAYU' in red capital letters. The crates are being loaded into a red shipping container. A person's arm is visible on the left side of the frame.

- ✓ PRIMED TRIMBOARDS
- ✓ SOFFITS & FASCIA
- ✓ TRUCK & TRAILER FLOORING
- ✓ ROUGH SAWN LUMBER

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