

## **Kayu Hardwood Decking Installation Guide**

### **Prior to Installation:**

Prior to installation please store the hardwood in a dry, shaded area. Ensure properly stacked.

- Pre-oil all four sides with Messmer's UV Plus for Hardwoods, or Hemp Shield Exterior Oil. This ensures equal moisture transfer and reduces the likelihood of cupping.
  - Coverage ranges from 200 sq. ft. – 400 sq. ft. depending on finishing product.

**Note:** Do not apply if precipitation is expected within 24 - 48 hours. Surface temperature must be between 8°C to 32°C

- Messmer's cleanup with paint thinner or mineral spirits. Hemp clean up with soap and water.

As with any oil based products there is **DANGER**: rags, pads, steel wool, or waste soaked with these products may self-ignite and catch fire if improperly discarded. Immediately after use place rags, pads, steel wool or waste in a sealed water filled metal container for proper disposal.

### **Installation:**

For top screwing appearance, only use stainless steel fasteners or the Pro Plug System. For no screw appearance **only** use the Kreg Deck Jig Hidden Deck Fastening System, with exterior constructive adhesive.

- Pre-drill screw holes with Kreg Deck Jig on both sides of the boards.
- For faster installation just use the Kreg Deck Jig to pre-drill screw holes.
- Joist spacing 24" on center for 5/4 decking material
- For the best hold glue down decking material with exterior grade construction adhesive then fasten down the decking on both sides.
  - Especially at any butt joints, ensure you have glued down decking to underlying joists with either PL Premium, or Titebond Fast Set Polyurethane.
  - It is also good building practice to install solid blocks to double up the joist to have the screws farther away from butt joints to prevent cracking.
- Use KREG Protec-Kote ACQ Deck Screws or Stainless Steel screws. Anything else is not recommended as it may react with the hardwood.
- **DO NOT** use hidden clip fasteners (due to expansion and contraction)
- Leave a 1/4" or 5/16" gap between 5/4 x 6 deck boards to allow for expansion in moist conditions.
- Leave a 3/16" gap between 5/4 x 4 boards to allow for expansion in moist conditions
- Trim ends neatly and butt together tightly. Lengthwise expansion is nil.

**IMPORTANT:** Use 5/4 x 4 decking boards when installing 18" or lower from ground, and ensure proper ventilation and airflow beneath deck.

If you wish to use the 5/4 x 6 decking close to the ground or low ventilation areas (rooftops) we insist on installing a hardwood strip on top of the joists, fastening hardwood to hardwood will prevent any cupping that could occur in a low ventilation, high moisture environment.

Please ensure that there is proper ventilation on all four sides under the decking material to provide proper airflow and drying.

### **Maintenance:**

- Apply the Messmer's UV Plus for Hardwoods or the Hemp Shield Exterior Oil to well cleaned and dry deck once a year for first few years then as needed to maintain appearance.
  - Once the oil is applied any product that is not absorbed into the wood within 10 - 20 minutes must be back brushed to prevent surface sheen and puddling.

**Please Note: These are just guidelines if you have any questions  
Please Call Toll Free (1-877) 666-5298 (KAYU) to talk to an expert.**