

FINISHING, MAINTENANCE AND CARE GUIDELINES FOR EXTERIOR PRODUCTS

PRODUCT LINES:

1. LAMBOO® ELEMENTS™
2. LAMBOO® RAINSCREEN™
3. LAMBOO® STRUCTURE™
4. LAMBOO® VUE™

PURPOSE: The purpose of this document is to provide general finishing, maintenance and care guidelines for Lamboo products used in exterior applications.

FINISHING NEW MATERIALS:

1. Before finishing new materials, the surface of the materials should be sanded with 120-grit sandpaper. This can be done by hand or using an orbital sander.
2. Once sanded, all surfaces should be blown off with compressed air and wiped down with acetone prior to application of stain and/or finish.
3. Lamboo currently uses a 2-part finish system comprised of a base-coat and top-coat stain.
4. The base-coat should be applied to all faces, sides, and ends of the board. The effective wet-mill film thickness (WFT) should be between 3 and 4 mils thick. Only one coat of finish is to be applied in this step.
5. Allow the base-coat to dry 12 hours prior to applying the top-coat system.
6. Scuff the surface of the base-coated material with a 120-grit sandpaper.
 - a. It is recommended that this is done by hand.
 - b. If using an orbital sander, light pressure is required to avoid sanding away the base-coat.
7. Apply two coats of the top-coat system using a soft to medium bristle brush or foam pad.
 - a. The recommended WFT is 2 to 3 mils.
8. Allow the first coat of the top-coat system 12 to 14 hours to dry prior to application of the second coat.
9. Apply the final top-coat using a soft to medium bristle brush or foam pad.
10. Allow 24 hours to dry before touching or handling the finished materials.
11. It is always recommended to follow all application processes as stated on the stain/finish manufacturer's technical data sheets or instructions stated on the stain/finish container.
 - a. **NOTE: All field cuts, drill holes, or other types of surface penetration MUST be coated/sealed with stain/finish being used for the project before installation. Even a small unfinished surface can become the entry point for unwanted moisture in your material.**

MAINTENANCE OF FINISH:

1. All exterior applications of Lamboo products should be monitored on a **bi-annual** basis to ensure each stain/finish system(s) is properly maintained per stain/finish manufacturer's recommendations. This monitoring can be performed visually by the customer, installing contractor, or an approved local technical finish specialist.
2. Maintenance of the finish is typically required every 2 to 3 years, and sometimes earlier depending on moisture, sunlight and weather conditions. Always reference the stain/finish manufacturer's recommended maintenance and application procedures.
3. In some extreme geographical locations (i.e., coastal locations, locations near the equator, and high UV/moisture exposure), it may be required for Lamboo products to be refinished more frequently than on an annual basis to maintain desired aesthetic.
4. Dependent upon the type of stain/finish system and per the recommendation of the stain/finish manufacturer, the materials may need to be sanded down to raw material, removing all stain/finish and visual defects, and a new stain/finish will be applied to the product(s) per the manufacturers' recommended application procedure.
5. Most systems require sanding for stain/finish-removal processes. A maintenance coat may then be applied directly over the existing finish. However, it is always recommended to clean and recondition

(sand) the substrate to allow the maintenance coat to properly bond to the substrate per the stain/finish manufacturer's recommendation(s).

WEATHERED MATERIALS

1. Light Weathering:
 - a. Wash the materials with a light soap/detergent mix to remove dirt and other foreign materials on the surface of the materials. Allow materials 24 hours to dry.
 - i. If sanding is required, use a high grit sandpaper (180 grit to 220 grit) to lightly scuff sand the surface of the materials to allow the new stain a bonding surface.
 - b. Apply 1-coat of either the stained top-coat system or the clear maintenance system to the finished materials.
 - i. The finish should be applied at a WFT of 2 to 3 mils.
 - c. Allow 24 hours for the finish to dry before touching or handling the materials.
2. Severe Weathering:
 - a. If the finish is at a point where it is peeling, flaking or has failed (i.e., materials start showing gray or black spots under the finish), the materials must be sanded down to raw material and then refinished using the steps above under "Finishing New Materials."

IMPORTANT: If finishing or refinishing materials outside, be sure to finish materials that have at least 5 to 7 days of dry-time to allow finish to cure. It is not recommended to finish materials outside if inclement weather is possible.

It is important to follow all stain/finish manufacturer's application and refinishing processes. Most application information can be found on the stain/finish container or the manufacturer's website. Lamboo can also provide links to the manufacturer's website or physical copies of the technical data sheets upon request. Please send all requests to admin@lamboo.us

CARE AND MAINTENANCE UPDATES: Lamboo occasionally makes important updates to its care and maintenance procedures. Please refer to Lamboo's website at www.lamboo.us to ensure you are referencing the most recent version of this document at the time of purchase.

LIMITED WARRANTY ON PRE-FINISHED MATERIALS: For details regarding Lamboo's (1) year limited warranty on finishes applied by Lamboo, please refer to the applicable product warranty document on Lamboo's website at www.lamboo.us/warranties.

Other than this specific limited warranty on pre-finished materials, Lamboo makes no warranties regarding its recommended finishing systems and cannot guarantee how long a finish will last before maintenance is required.