

GENERAL APPLICATION, MAINTENANCE, AND CARE 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 maintenance and care recommendations for Lamboo products used in exterior applications.

GENERAL APPLICATIONS, MAINTENANCE, AND CARE INFORMATION:

NEW MATERIALS:

1. For new materials, it is advised to sand the surface of the materials 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/finish system.
4. The base-coat system 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.
5. Allow the stain to dry 12 hours prior to applying the top-coat system.
6. Scuff sand the surface of the material with a 120 grit sandpaper.
 - a. It is recommended that this is done by hand.
 - b. If using an orbital sander, light down pressure is required to avoid sanding away the stain/finish.
7. Apply 1-coat 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 system 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 with stain/finish being used for the project before installation.**
12. All exterior applications of Lamboo products should be monitored on an **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, an approved local technical finish specialist, contractor or architect.
13. In some extreme geographical locations, it may be required for Lamboo products to be refinished on an annual basis to maintain desired aesthetic.
14. Maintenance processes usually occur every 2 to 3 years, or earlier dependent upon geographical conditions/locations and in accordance to stain/finish manufacturers' recommendations. Reference the stain/finish manufacturer application process via manufacturer website and/or hard copy documents.
15. 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.
16. Some systems may not require sanding or stain/finish-removal processes. A maintenance coat may be applied directly over the existing finish. However, it is always recommended to clean and recondition the substrate to allow the maintenance coat to properly bond to the substrate per the stain/finish manufacturer's recommendation(s).

REFINISHING WEATHERED MATERIALS

1. For materials that are ready to be refinished, it is important to determine the level of surface preparation required in order for the refinishing process to be successful.
2. **Annual Maintenance:**
 - a. Washing 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 touch or handling the materials.
3. **Severe Maintenance:**
 - a. If the finish is at a point where it is peeling, flaking or has failed, it will be required to sand the materials down to raw material and use the steps above under “New Materials” in order to refinish the 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.

Note: All finishes recommended by Lamboo are **not** warranted or guaranteed by Lamboo. Lamboo can provide guidance in regards to application and use of stains on Lamboo materials, but again are not warranted or guaranteed by Lamboo. Lamboo does not present any implied warranties as part of this document and will not be held accountable based on the information as presented in this document. This document is for reference only.