

Curv2Ply Veneer Information and Specs

Technical Specifications

- 4' x 8' Curv2Ply sheet.
- Thickness nominal .032 to .035 +/- .005
- Machine surface sanded, 150 grit.
- Nominal Packaging 1-5 pcs / 6-10 pcs in box.
- Nominal Weight 4x8 sheet wood-on-wood 3.94 lbs.
- Nominal bending Radius - flexibility 5" (varies by specie).
- Recommended Glue: Solvent based contact (flexible glue line).

Storage

- Store in climate controlled environment (70-80 degrees year round).
- Relative humidity of 35% is best.
- Avoid exposure to sunlight.

Color & Grain Appearance

- Variation can be expected from sheet to sheet and lot to lot.
- Standard order filling is running match within sheet, NOT sheet to sheet.
- We do our best to fill orders without up-charge when possible.
- Sequence matching, depending on specie, usually available with up-charge, Inquire.

General Application Considerations & Information

- Inspect material before lamination.
- All veneer should acclimated before application.
- Ideal temperature for application is 70 -80 degrees.
- Ideal humidity is 35%.
- Surface must be Clean, dry & smooth (free of dust, grease, oil, wax) to ensure a good bond.
- Do NOT apply direct to drywall or sheetrock.
- Use of solvent based adhesive is recommended. Water based adhesive is NOT recommended.
- Suitability of surface to apply Curv2Ply Veneer is purchaser responsibility.
- Tool - Veneer Scrapers are recommended for HAND application to allow for maximum pressure. "J" rollers are NOT recommended.
- Adhesive should be allowed to cure for 48 hours before applying any Finish.
- Curv2Ply wood veneer is NOT Fire rated.

NOTE: Purchaser is responsible for inspection of shipment for any freight damage, and if any found, purchaser must file damage claim with freight carrier, usually FedX or UPS.

- ALL veneer goes through manufacturing quality control and inspection before shipped.
- No Returns without authorization & RGA #. Any other not honored & at your risk.
- For accepted returns with RGA#, material must be boxed & prepaid shipping by you. Collect freight is refused. Material not defective must be re-salable, no damage, otherwise no credit. WE do NOT accept return requests because of overage. Max return is 1 (one) sheet of veneer. Possible defective veneer requires Photos and reason material believed defective or unusable. Email photos & reason to us.
- **Inquire about Restock Fee for your order.**
- **Production orders are NOT accepted for returns.**

NOTE:

Since WE have NO control over the end use of Curv2Ply Veneer, the substrate, the job site conditions, the skill of the installer or woodworker, and the quality of finishing, therefore, NO Warranty is expressed or implied.

General Application Considerations / Guidelines for Curv2Ply Veneer

- Please Review before ordering.
- Curv2Ply Veneer NOT recommended for direct use on sheetrock or drywall.
- A skilled woodworker should only apply this product.
- The suitability of substrate to apply Natural WoodEdge (wood-on-wood) Veneer is purchaser responsibility.
- BEWARE: This is NOT a RETAIL product, not a DIY product, No instructions.

Preparation

Veneer material should be climate conditioned before used. The standard recommendation is both the veneer material and the substrate be in same climate controlled environment for 5 days to assure moisture content is in equilibrium. Extreme temperature / humidity fluctuations will affect both the veneer and substrate. High humidity levels will cause veneer to expand / buckle, while extremely dry conditions will cause veneer to shrink. Both the veneer and substrate must be free of paint, grease, dirt, dust, oil, for any other foreign matter. Substrate surfaces must be sanded with 80 grit sandpaper and entire area dusted clean. Good bonds depend. Upon smooth, clean, dry surface.

Glues / Adhesives

Solvent based adhesives work best with Curv2Ply veneer products. Water based products should be avoided when possible. The adhesive should be applied uniformly to both the substrate and veneer backer. 100% glue coverage is recommended. This is especially critical to the edges and areas where veneer sheets butt together. Any areas void of glue adhesive can bubble. If the substrate is porous and absorbs adhesive, a second coat is required. The veneer back should be coated also.

Follow the glue manufacturer's recommendation on the open time before bonding the veneer to the substrate.

Keep in mind the open time is affected by humidity and temperature. Adhesives which contain higher solid contents perform better. Adhesives should always be stirred or agitated before use. This is particularly necessary with large containers. **See manufacturer's recommendations.**

The Only Exception to the non-use of water-base glues is with **DuraBack resin-backed** veneer, which is recommended for use with both water and solvent-based adhesives.

Potential Trouble Areas

- Using water based products immediately raises moisture and can cause delamination.
- Too little, too much, or uneven distribution of glue can cause delamination.
- Bonding before adhesive solvent has evaporated or after open time has expired can cause delamination.
- Curv2Ply Veneer not recommended for direct use on sheet rock or drywall.

Bonding

To ensure intimate contact necessary for an adequate bond, sufficient pressure should be applied over the entire area using as much pressure as possible without damaging the veneer. Platten presses and bag presses work well. If these options are not available use a fiber knife or veneer scraper, and start in the center of the veneer sheet working out. Always work in the same direction as the grain of the veneer. The edges should always be scraped twice. A standard 'J' roller is NOT recommended due to the low pressure exerted with them.

Finishing

The adhesive should dry a minimum of 48 hours before finishing. High grade petroleum based urethanes and acrylic based lacquers reduce the risk of veneer checking. These finishes provide a good moisture barrier. Always seal the back of panels if raw or unsealed. Follow the recommendations of the finish manufacturer. **NOTE:** Seller warrants merchandise to be free from defects in material and workmanship. Customer / Purchaser assumes all responsibility and liability for use and results of material purchased. Production material is noncancelable and nonreturnable.

Questions or Quotes. Email sales@wiusa.com V: 800.527.9014
Office Hours: M - Thur. 9 - 4 CST. Closed Fridays. www.wiusa.com

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