

Veneering Notes

November 10, 2012

Commercial Veneer Thickness

- Pre 1996 -- 1/28 (.035)
- Post 1996 -- 1/40 (.025) ----1/60 (.017)

Flattening Veneer

- Glue Sizing –
 - 1 part hide glue, 5-8 parts water. Heat to 140 degrees before use. Use hot or cold. Dispose after 5 days or refrigerate or freeze.
 - 1 part PVA glue (white or Titebond 1), 10 parts water
- Flattening Solution
 - 6 parts water, 3 parts isopropyl alcohol, 1 part glycerin
 - Borden's GF-20

Hide Glue Notes

- Use ground hide glue.
- 250 gram is best for general woodworking. Use 200 (194) gram for veneering.
- Pre wet glue first, cover dry glue with water, stir mixture let set for ½ to an hour before heating.
- Working glue temperature is 140 – 145 degrees F, ambient 68 degrees F
- Viscosity like pancake syrup, continuous stream for 6 – 12 inches. Add dry glue or water to get proper viscosity.
- Finger test before use
- Extend open time
 - Apply sizing to veneer and substrate
 - Heat substrate
 - Use thinner viscosity glue
- Dispose after 5 days – refrigerate or use freezing technique
- Demonstration glue pot used – Sunbeam “Hot Pot Express” @ Target or Meijer, \$13

PVA Notes

- Wait at least 1 hour after applying glue to veneer and substrate or tack free before heating. **Recommend veneering soon after glue dries**
- White Glue
 - No time limit from glue application till heating
 - Iron Setting: 180 deg – Delicate setting
- Yellow Glue (Titebond 1)
 - Use within one week after glue application

- Iron Setting: 250 deg – Between Delicate and Wool setting
- Yellow Glue (Titebond 2, Waterproof)
 - Use within three days after glue application
 - Iron Setting: 350 deg - Wool to Cotton
- “Heat Lock specialty glue – minimize veneer creep
- **Recommend checking iron temperatures with a thermometer rather than using fabric settings.**