

## Flexible Veneers Application Recommendations.

- Store Flexies in a dry area without large temperature and moisture variations.
  - Acclimatise substrate and Flexies for 48 hours at the installation site. Lay the sheets out allowing them to 'relax', boards may be used to flatten sheets showing any curl.
  - Most PVAC or Contact glues can be used to bond Flexies to the substrate. Solvent based contact adhesives are recommended rather than water based adhesives which risk moisture change in the veneer.
  - Ensure that all surfaces are clean and free of dust, grease, oil or dirt
  - Ensure surface substrate is suitable for laminating ie. a rough surface not smooth, glossy or polished
  - Apply adhesive as recommended by manufacturers instructions. A roller/spreader should be used, spray-guns are not recommended.
  - Onsite temperature should be between 15-25°C
  - For proper bonding the adhesive coating must have a complete and even coverage. Coat both surfaces (substrate and paper) 100% with adhesive. Adhesive coverage is the key element in the successful application of Flexies
  - Porous substrates may require a second coat of adhesive
- After the required glue drying time apply Flexies to the substrate from the centre not the edges. Use waxed release or Kraft paper strips either side of the centre. Slowly remove the waxed release or Kraft paper and press down the veneer using a scraper tool to exclude the air and bond the two adhesive surfaces. Scrape along the grain working steadily in one direction from the middle outwards. Apply with all the pressure possible for better results.
- Wait for the adhesive to cure, we recommend 24 hours.
  - Inspect using a good light for Bubbles or Ridges
1. Bubbles – make a little cut in the veneer along the grain, scrape down forcing the trapped air out, reactivate the glue with a hot iron being careful to protect the veneer from direct heat
  2. Ridges – these are a result of inadequate adhesive coverage or failure to comply with the adhesive manufacturers required drying time. Try to remove the Flexies from the substrate.
- After a final inspection the surface can be finely sanded. Flexies are already very thin and excessive sanding may result in sand through.
  - Finishing Flexies - Most finishing materials can be used on flexies but it is

important that they are tested first for the appropriate results. Do not use a spray-gun as the veneer can become over-saturated.

Flexies can be stained – apply sparingly and wipe off immediately with a dry cloth. Do not saturate with stain. Flexies are sensitive to moisture variation  
Flexies can be oiled – use a quick drying oil and wipe off immediately with a dry and clean cloth. Do not saturate with oil or use linseed oil. Flexies are sensitive to moisture variation

Flexies can be lacquered – The use of a sealer may be required. Water based lacquer is recommended but may cause the veneer to expand. Do not saturate. Flexies are sensitive to moisture variation