

Veneer D4 for 3D

Furwa Veneer Equipments for extreme adhesive requirements and extreme deformations

Furwa has developed a veneer backing based on a 50 g fleece, which fulfils the technical requirements of the automotive industry. It also fulfils the requirements for wrapping aluminium parts and plastic parts, especially if **resistance to boiling water** or **long-term UV resistance** is desired.

Fleece P50 Automotive strengthens veneer correspondingly strongly and has a considerably better tensile strength longitudinally too, and especially diagonally to the fibre.

The flexibility of the veneer is determined by different sanding thicknesses (0.3 - 0.5 mm) or additionally even by flexing, depending on the desired deformation.

As a crowd puller at the show in Cologne (Interzum), such veneers were washed several times at 60°C (140°F) in a washing machine and ironed smoothly afterwards – no problem!

For the gluing process the most different methods can be applied; however, you should discuss these methods with us or have them tested.

Common adhesives: PVAc glues, urea resin wet, urea resin films, PUR dispersions, PUR hot melts, solvent adhesives, ...

The **purposes of use** in the field of 2D and 3D veneer deformations can be simply explained by their finished products:

- **Car:**
 - **steering wheels**
 - **dash boards**
 - **ash tray lids**
 - **gear sticks**
- **Plastic Injection Moulded Parts:**
 - **cases for cell phones**
 - **light switch units, ...**
- **Plastic and Aluminium Profiles**
 - **window profiles**
 - **front door profiles**
 - **cover profiles**

Plywood preformed parts with small deformation radii

Textile processing and wickert work products, ...

Whenever the requirements go beyond a normal veneer processing, you should talk to us. Furwa has solutions for many veneer problems.

Bamboo veneer is extremely hard and extremely brittle. You have a Furwa solution in your hands.