

## PROJECT 2:

### BASIC LAMINATING PROJECT

Using a *simple wooden mould*

1) Seal surface, then apply Wax Release Agent, followed by a final Release Agent



2) Cut two pieces of glassfibre mat to the shape and size of the mould, allowing for an overlap all round of approx 25mm.



3) Pour some gelcoat resin into a mixing bucket. Mix in pigment paste of the required colour. Add catalyst and stir thoroughly.

4) Brush an even layer of gelcoat over the mould surface. Wait for at least an hour, until the gelcoat becomes tacky.



5) Mix Resin A (Layup Resin) and pigment, then add catalyst and stir.



6) Paint the Resin A over the gelcoat then cover with a piece of glassfibre. Push the

mat gently into the wet resin with a brush loaded with more resin. Use a stippling action, keeping the brush well-loaded, to ensure the glassfibre is thoroughly impregnated.



7) Once the mat is completely "wetted-out", use a metal laminating roller to compress the layer and to force out air bubbles.



8) Lay down the second piece of glassfibre and repeat the wetting-out and consolidating process.



9) Leave the laminate to cure. At the "green stage" (when it becomes quite firm, but is not yet hard), trim off excess material around the edges of the mould



with a Stanley knife.

10) Leave to cure fully then remove from the mould. If necessary, use wood or plastic (but not metal) wedges to prise out the moulding - be careful you do not scratch the surface of either mould or moulding.