



Build a GRP 125

The Victorian cooperative shows
how easy it can be!

Prepare the mould

- Preparing the mould with a layer of wax ensures easy removal at the end of the lay up process.



Lay up the hull and Vacuum bag



- Once the layers of undercoat, glass, resin and foam are in place, a special vacuum is used to ensure an even bond occurs between the laminates.

Popped out of the mould



- Once the resin has cured, the hull is removed from mould, inspected return to the mould to add the internal tanks.

Panels are laid up and cut out

- Panels are accurately measured from templates, laminated with glass then cut to size.



Adding the internals, not the cat

- The main bulkhead is fitted, and this forms the basis of all the other measurements, and placement of internal supports.



Pins and glue

- Internal supports are glued and pinned into place.



Timber...I thought this was a GRP!



- Timber panels were laminated in to the foam prior to glassing to provide a good fixing point for fittings.

Keep it smooth and clean

- All panels are filleted with a mixture of epoxy and microballoons to ensure a good bond and rounded corners.



Ready to add the deck top

- With the support and sides of the tanks in place, the top of the deck can be added



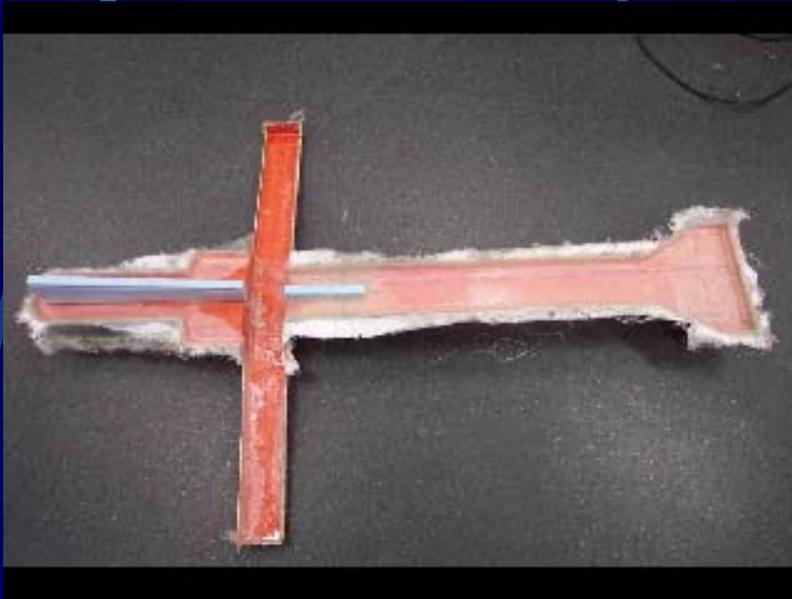
More glue

- The tank tops are glued in place with epoxy, and pinned until set.



Centre case

- The mould for the centre case cowling is carefully prepared in the same way as the hull mould.



Centre case cowling

- Again, timber is used to add strength and rigidity. You do not want movement here.





- The centre case slot is cut into the boat, in preparation for fitting the centre case.

Adding the centre case to the boat.

- The centre case is fitted, then the cowling is fitted and glued into place.



Bow cover.

- The bow cover is fitted and faired.



Nearly completed 125



Final touches

- Scuppers are cut into the transom.



125 ready to paint!

- Almost ready to take home, the final finishing and fairing is completed before the inside is painted.



The Victorian 125 co-operative

- Provides an opportunity for low cost entry into sailing.
- Technical assistance, for those who wish to build your own boat.
- Networking with association members, so you can feel part of the 125 family.
- Contact vicoatbuild@125assoc.com