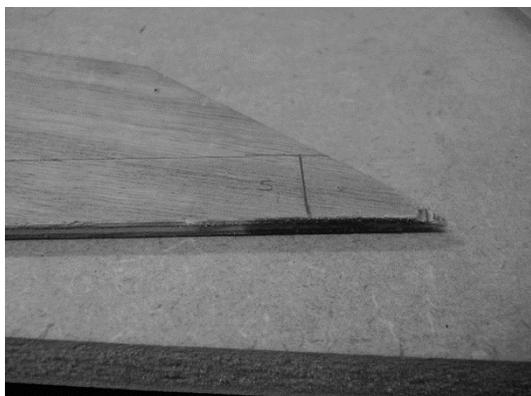
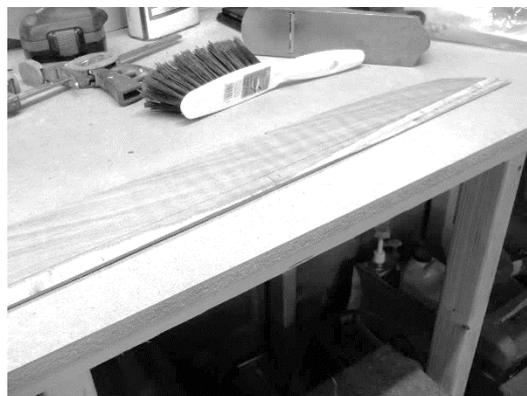


Before planing consider sticking masking tape along the pencil line, this makes it less likely you will overrun the line during planing. Make sure the plane blade is very sharp and carefully plane down to the required thickness. Where there is a requirement to plane the full thickness, actually you need to plane down to about 0.5-1.0mm, otherwise as you approach zero the edge of the plywood will break away. The plies can be a useful guide to ensuring the bevel is even. It is difficult to achieve a perfect bevel, but this is not a problem as the gap filling properties of thickened epoxy will hide any imperfections.



Stem bevel is full thickness of plank. Less 0.5 to 1mm.



Bevelled edge, note full bevel at stem (right) tapering to zero bevel at bulkhead 1, to 2mm bevel at bulkhead 2 and so on



Before gluing the plank in place, take some time to carry out a dry run. You need to know exactly where clamps, screw pads and props will be positioned to hold the plank in place while the glue sets. The 2 photos above show timber props gently pushing the plank against the bulkheads, clamps and at the stem 2 screw pads. These screw pads consist of a small piece of plywood wrapped in parcel tape so it doesn't stick to the boat. The number and position of supports/clamps will vary from boat to boat, plank to plank and even the same plank each side will need different supports, try as few supports as necessary with as little force as possible so that you do not distort the shape of the plank. Any screw holes can be filled in later.

In some locations it is necessary to screw a short length of batten to a bulkhead, so that you may screw through the plank into the batten to pull the plank into position against the bulkhead. Remember to wrap the batten in parcel tape and when fixing it to the bulkhead put the screw in such a position that you can remove it once the plank glue has set, before moving onto the next plank.

Remember not to glue planks to non-permanent bulkheads. Use parcel tape to cover their edges both for practicality and as a useful reminder.

Once everything looks good you can glue the plank in place, adding glue fillets as necessary to permanent bulkheads. Once everything is in place double check the run of the plank is a fair curve, if necessary adjust the position of clamps. Repeat the process for the other side.