

Timber framed Pontoons

GENERAL

1. Read all assembly drawings and pontoon drawings carefully.
2. If in doubt, ask

Framing

1. Select timber with the best appearance for use as the outside frame.
2. Cut timber frame to size. (consideration may need to be given to the timber thickness for certain cuts)
3. Use clamps to position brackets in the required locations. Use the bracket as a guide to drill the holes through the timber.
4. All bolts fastening the outside frame are to be recessed into the timber by counter boring $\varnothing 28\text{mm}$ & approx 10mm deep as per the drawing.
5. Drill all 3/8" bolt holes with $\varnothing 13/32$ " drill bit.
6. Always fasten with the bolt head in the counter bore. Not the nut. (As per Drawing)
7. For high corrosion environments, the optional Nylon washers can be used to separate the stainless steel washer and the aluminium brackets.
8. Prior to fastening ensure that the Stainless Steel Bolt thread is coated with Anti-Seize compound, to prevent "pick up" or seizing while tightening.
9. Counter boring is not required for the inside framework.
10. With sawn timber, Chamfer the bottom edge of the outside frame with a router or plane.
11. Raw timber should be treated with a suitable preservative. Creosote, Decking oil, Lanotec etc. Paint is not recommended, as it tends to trap moisture.

Decking.

1. Always put the Heart of the timber down
2. Pre drill screw holes to the depth of the screw with a 3/16" Drill bit.
3. Touch the drilled hole with a counter sink, so the screws will recess flush.
4. Dip screw thread in Lanotec grease or petroleum jelly prior to fastening
5. Drive the screw with an electric screwdriver. Set the torque to ensure the screw is not over-tightened.
6. Use good down pressure while driving.
7. Screw head should finish just under the top of the timber surface
8. Don't over tighten, as the screw may snap or you may strip the head of the screw.
9. Wipe away excess grease/ petroleum jelly.
10. Replace any damaged screws.
11. Always fasten the end boards first. Note the required overhang on the drawings (if required)
12. All other boards to be evenly spaced in between.
13. All boards to be spaced a minimum of 3mm apart but 4-8mm preferably. Gaps are to be balanced throughout the pontoon. Note- Kiln Dried hardwood may expand and not shrink like unseasoned timber.
14. Timber of different colour should be evenly spaced amongst the other timber- ie don't have the different colour timber all together on one section of the pontoon.
15. Chamfer the top edge of the decking down the length of the pontoon with a router or plane, after completion.
16. Raw timber to be re-treated with a preservative.
17. Fit all other items as per the drawings.