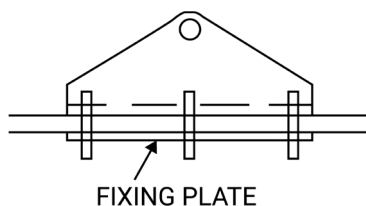


metal, except titanium, with maximum dimensions of 60 mm x 25 mm x 3 mm. If the fixing plate is not used a washer for each bolt can be used.



3.2.7

Bouyancy

3.2.7.1

The hull shall be fitted with three buoyancy units in the form of inflated air bags made of strong fibre-reinforced material. Each unit shall be 45 litres +/- 5 litres. Each unit shall be equipped with a fill valve that positively prevents the accidental release of air (i.e.- Nonreturn valves and threaded valves with screw-on caps). The minimum weight of each unit shall be 200 grams.

3.2.7.2

One unit shall be placed along the whole width of the aft transom and one unit shall be placed along each side between the midship frame and the mast thwart bulkhead.

3.2.7.3

Buoyancy units shall be securely fastened to the hull by three straps. Each strap shall be 45 mm +/- 6mm wide and shall be regularly checked. 1 backing plate in GRP boats of metal 50 +/- 10 mm x 20 +/- 5 mm x 2 +/- 1 mm and 1 fixing plate, 50 +/- 10 mm x 20 +/- 5 mm x 2 +/- 1 mm if metal or 50 +/- 10 mm x 20 +/- 5 mm x 7 mm +/- 3 mm if plastic, shall be used for fastening of each strap. At the aft transom centre strap a bigger plate 50 +/- 10 mm x 50 +/- 10 mm x 2 +/- 1 mm if metal or 50 +/- 10 mm x 50 +/- 10 mm x 7 mm +/- 3 mm if plastic for combined use with the toe-strap shall be used. Alternatively an eye may be used for attachment of the aft end of the toe straps at the centre buoyancy bag attachment point.

3.2.7.4

The owner is responsible at all times for the buoyancy and for ensuring that at intervals of not more than 12 months, the buoyancy is tested and the measurement certificate endorsed by a measurer or a responsible club officer. The measurement certificate shall not be valid until so endorsed.

3.2.7.5

The measurer shall witness a buoyancy test as follows:

The boat shall be swamped with water and with iron weights of not less than 60 kg placed aft of and within 100 mm of the midship frame, it shall float with the gunwales clear of the water. The measurer shall make sure that the buoyancy and its fastening are sound, and that inflatable buoyancy shows no visible signs of deflation, deterioration or damage.

As an alternative, the measurer shall have the buoyancy bags removed from the hull, fully inflated, and then check for deflation, deterioration or damage.