

SECTIONAL TANKS

Brimar tank products are manufactured from non-corrosive materials and as a consequence require little or no specific maintenance other than good housekeeping.

The basic tank construction comprises moulded GRP panels bolted together to form the tank size required. The inner surface of these panels in contact with the contents has a high gloss, smooth finish which does not readily attract or retain dirt.

Any internal support or fastener in contact with the water is A4 316 grade stainless steel.

Externally (unless otherwise requested) the fasteners are zinc plated mild steel with heavy duty galvanised mild steel reinforcement to BS EN ISO 1461:2009.

Once a sectional tank has been successfully commissioned, it should remain full at all times other than when it is being cleaned and sterilised. Where a tank has a division, both sides should remain full at all times other than when it is being cleaned and sterilised.

For either tank design, the tank or each compartment should not be left empty for more than 5 days. Ensure that prior to its first use after testing that the tank is sterilised to current regulations.

ANNUAL INSPECTION

Where water tanks are fitted in commercial, industrial buildings and institutions for potable or wholesome water provision, the owner of the building has a duty of care to ensure that the tanks are regularly inspected, cleaned and sterilised to ensure that the water stored is of wholesome quality. Brimar would recommend as a minimum that inspection and sterilisation take place once every 12 months.

The tank should be inspected for:

- I. Damp or wet patches around the bolts, joints and the base of the tank. Check for condensation.
- II. Inspect all tank connections for leaks.
- III. Inspect and ascertain the effectiveness and operation of the float valve.
- IV. Inspect the condition of the inner and outer surfaces of the tank.
- V. Check if the inside of the tank is clean and free from debris and/or silt.
- VI. Check panel bolt tightness.
- VII. Has the tank a close-fitting fixed lid and hatch.
- VIII. Inspect the division if one is fitted.
- IX. Are the air vent, screened warning pipe overflow (and screened spill weirs, where fitted) to the appropriate size and located appropriately to provide the required protection and are clean and unobstructed.
- X. Check that the warning pipe and overflow are connected to an adequate drainage point and that the plantroom has adequate drainage to cope with any potential overflow from the overflow units or the spill weirs.
- XI. Check all access ladders are securely fixed.
- XII. Ensure that after inspection the tank is sterilised to current regulations.