

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 and put into use there is virtually no requirement to attend to its structure. With the Brimar method of panel jointing, once an effective joint is made, it will remain water tight unless disturbed.

ANNUAL INSPECTION

It is recommended that water storage tanks should have an annual inspection to:

- i. Inspect and ascertain the effectiveness and operation of the Ball Valve.
- ii. Inspect and ascertain the cleanliness of the tank. If the supply is not filtered, sediment will be drawn in via the inlet main and will collect within the tank. This should be removed by using the washout facility or, in cases of heavy deposition,

thorough washing down. If the latter course requires to be adopted, then the tank must be rechlorinated prior to recommissioning.

- iii. Inspect the tank externally for any sign of dampness around its base which may be the result of:

- a. leaking tank connections
- b. condensation
- c. slackened fasteners

Particularly with regard to 'c' above, if the operation of the tank is lively i.e. there are large and frequent variations in water level within the tank, it would be prudent to check on bolt tightness as a precautionary measure even though no leakage is evident at time of inspection.

- iv. Inspect the tank fittings to ensure that:
 - a. air vent, overflow and warning pipe filter screens are clean and unobstructed.
 - b. man access and inspection hatches are secure and sealed.
 - c. all access ladders are securely fixed.