



Tank Division

Specialists in water & chemical Storage

ONE PIECE TANK PRE INSULATED SPECIFICATION

GRP one piece tanks shall be manufactured to the requirements of BS EN 13280 : 2001(formally BS 7491).

The tanks shall be fully approved by WRAS for use with wholesome water.

The tank and installation shall be in full compliance with the Water Supply (Water Fittings) regulations 1999.

All internal surfaces shall be Isophthalic gel coat, fully cured to provide a surface that is resistant to bacterial growth. Resin should be orthophthalic and incorporate top quality long stranded glass reinforcement.

The resin to glass ratio shall not be less than 30%.

The insulation shall be 25 or 50 mm CFC free pu foam that is fully encapsulated into the walls and lid of the tank. Provision in the insulation for connections shall be made in the factory.

The tank shall have a rigid, fully insulated close fitting and securely fixed cover, a sealing gasket must be used to prevent the ingress of light and insects.

Tanks above 250 gallons shall have an inspection hatch for float valve inspection / maintenance.

Deflection of any strengthening rib or flange must not exceed the lesser of 10 mm or 1% of its length. The maximum deflection between the strengthening ribs must not exceed 1.5% of its length.

The tank should be installed on a flat and level fully supporting base and should be supplied with suitably sized overflow and warning pipe.

The tank and lid shall be manufactured incorporating the quality requirements of BS EN ISO 9001.2008



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