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Sarena One-Piece Tanks: Specification Clauses

One-Piece Cold Water Storage Tanks for Storing Wholesome Water

SARENA One-Piece cold water storage tank shall be manufactured from glass reinforced plastic compliant with BS EN 13280:2001, using isophthalic gel coat and polyester resin with a minimum glass to resin ratio of 2.5/1.

As Manufactured by: Sarena Manufacturing

The tanks shall be taken from the standard "P" range. It shall be to **W16-4** specification fully compliant with the requirements of Water Regulations Schedule 2 Section 16 Clause 4. In that it shall be insulated in the factory with 25mm thick low-density polyurethane water based foam fully encapsulated within the laminate and shall include an insulated rigidly bolted fully sealed tank lid.

The tank lids shall incorporate a factory fitted screened air vent with a maximum mesh size opening of 0.65mm. Tanks exceeding 1000 litres capacity shall include a sealed man-access hatch.

The tanks shall be supplied with a Combiscreen overflow (Sarena Manufacturing Supply) and screened warning pipe for tanks exceeding 1000 litres.

Tanks exceeding 1000 litres of stored water shall incorporate an access hatch.

The tank shall be supplied with purpose made connections as supplied and factory fitted by the manufacturer. Outlet connections below 67mm shall be of a brass compression or bsp female thread type, connections exceeding 67mm shall be upvc NP16 flanged connections with galvanised steel backing rings.

The insulation shall be factory prepared using trimming rings to prevent moisture absorption for all connections including the overflow, inlet valve and outlets.

The tanks shall be installed in accordance with BS EN 13280:2001 on a continuous rigid support such as WBP/Marine grade plywood on bearers or concrete plinth. The support size shall exceed the base size of the tank.

SARENA Data sheet CP08 gives health and safety details of SARENA water tanks on site.

