

- C. Detailed drawing shall be mentioned with, capacity, tank type, mass, all dimensions including size of reinforcing ribs joineries and accessories fitted with.
- D. Cylindrical / Cubical tanks are applicable with vertically placed and flat supporting base.
- E. The tank shall be one-piece moulded body has no joints, strong, durable and designed to be for easy handling and installation.
- F. Tank shall be suitable for 100% humidity and > 50°C temperature, corrosion proof, UV stabilized, non-toxic, non-staining, smooth inner lining, algae resistant.
- G. Thermal insulator layer shall be provided to the over all shell structure of the tank.
- H. Colour of tank shell / body and protective wrapping / coating, shall be white as such to reduce the heat absorption.
- I. All domestic water tanks used shall be protected from excessive heat, direct sun and UV rays.
- J. Tank exterior pipe fittings, fasteners, supports, etc shall be protected against weather conditions.
- K. Tanks shall either be installed indoors or under a weather resistant protective structural shed from top and sides.
- L. Tank should be opaque to help reduce evaporation of disinfectant and inhibit algae growth. Maximum measured light transmission value inside a closure cover state tank shall not exceed 0.1%.
- M. Tank shall be erected above ground with a clear access of not less than 60cm all around.
- N. Flexible connectors (e.g., Flanged Rubber Below) shall be used to avoid stress & vibration transfer to the water tanks.
- O. Tank shall be fitted with all instruments required for the intended usage purposes (e.g., Irrigation, potable).
- P. All bolts, nuts and washers must be stainless steel, graded to 316 or A4.