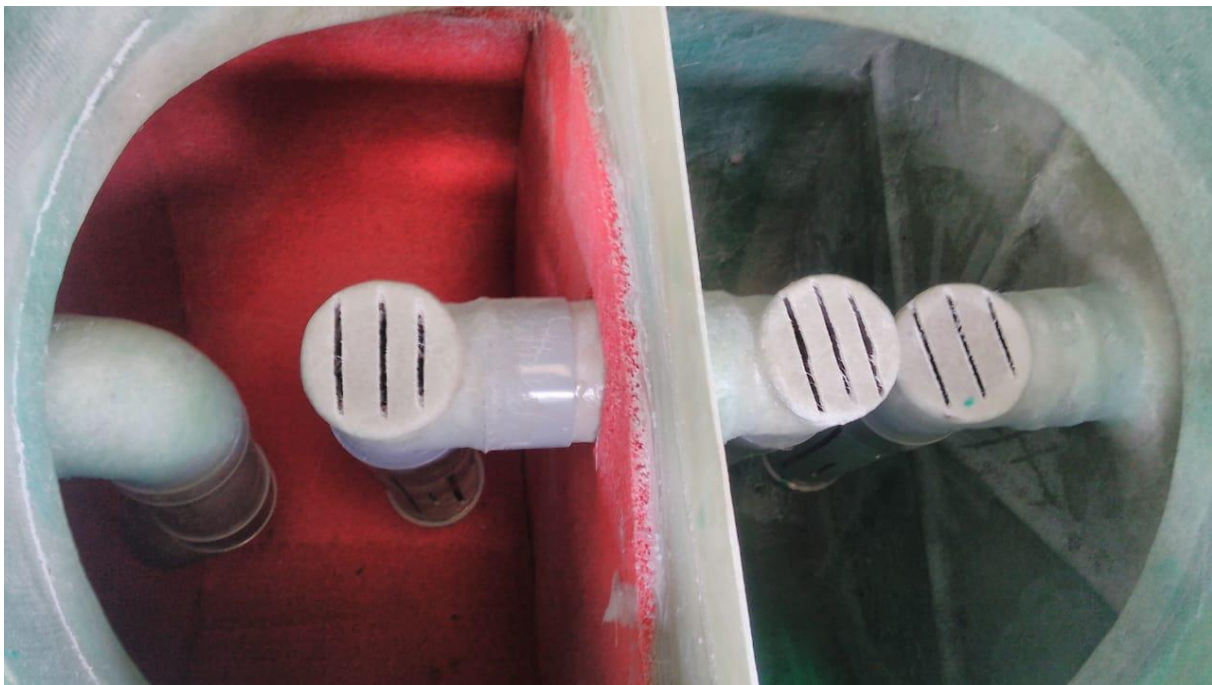


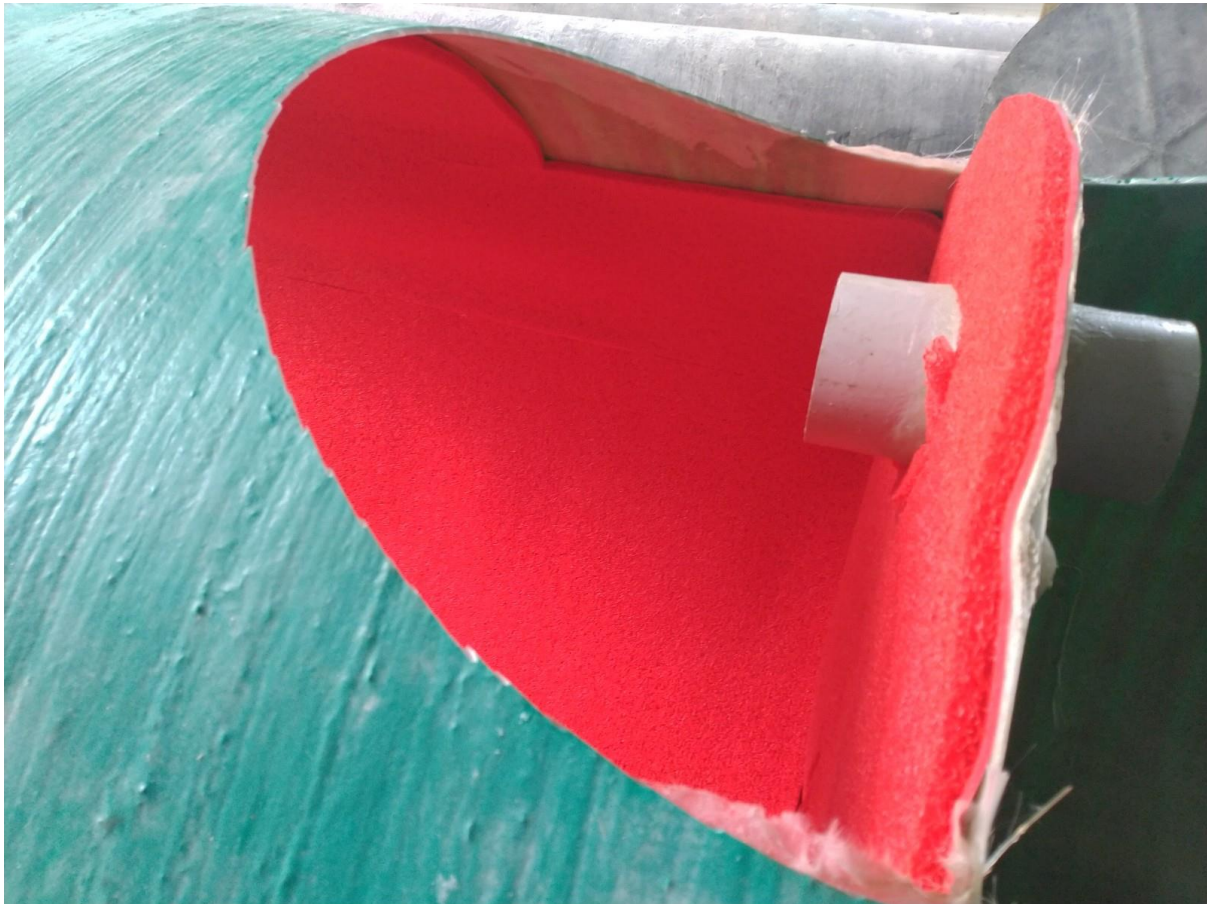
Bio-Septic Tank

- The Bio-Septic tank will have Three Compartments (Two Partitions), with interconnecting pipes. A common 600 mm Manhole is provided for the First & Second Compartment.
- Inoculum to digest the human waste is added before using the bio-septic tank.
- Poly-grass lining is provided in the First Compartment to provide large surface area and for anchoring anaerobic bacteria in the inoculum
- Bio-Media (400 sq.m./cu.m.) is filled up to 50% volume in the Second Compartment to increase the surface area and serves as growth medium for the bacteria.
- The Third Compartment can be used for disinfecting the treated effluent by solar powered electro-chlorination.
- The tanks is 100% Leak Proof & easy to maintain.
- They can be buried underground and can withstand vehicle load over them.
- No Sludge Formation due to complete digestion of waste - hence periodic cleaning is eliminated.
- The system is available from 1,200 litres to 50,000 litres and usage member based design.





Internal Piping

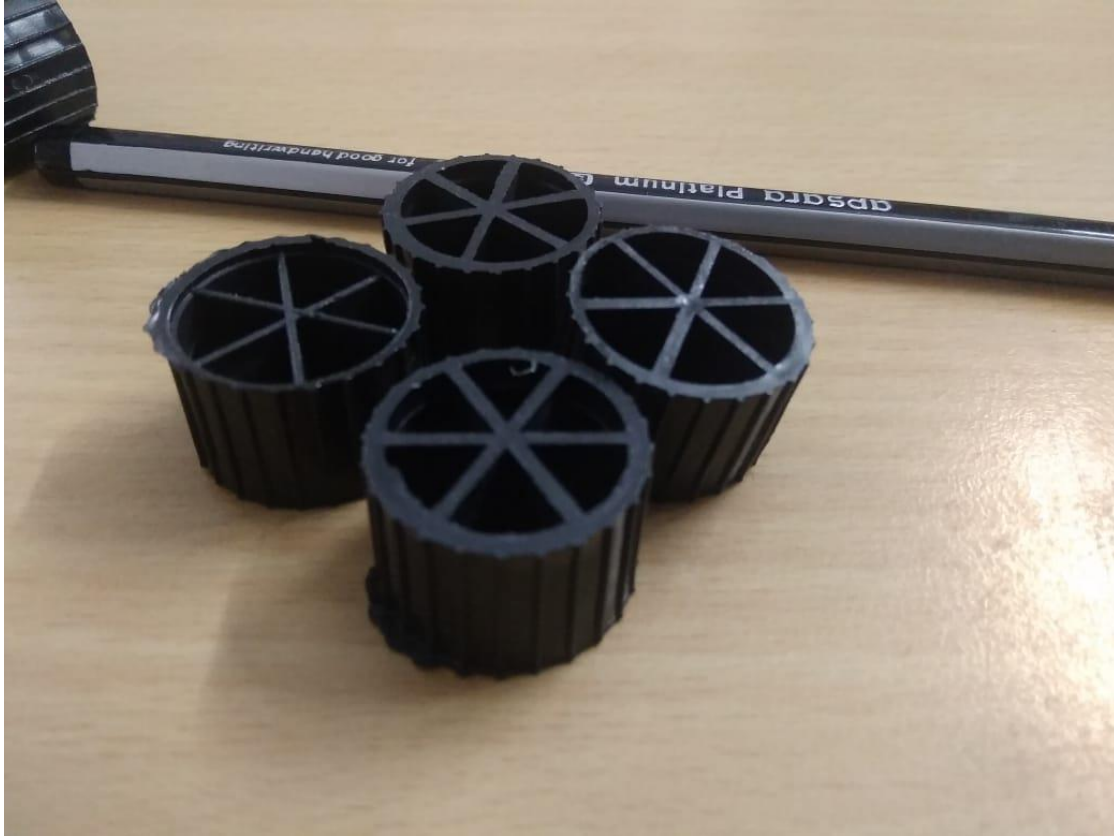


First Compartment of the Bio-septic Tank with Poly-grass Lining



Assembling of 4 KL Bio-septic tank





BIO-MEDIA for second compartment

