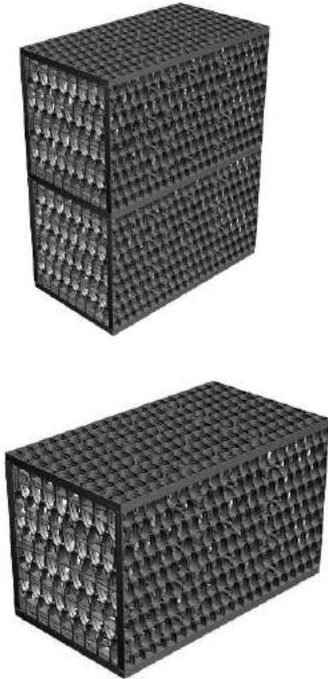


Tank Modules



Description

The Tank Modules are suited to any subsurface infiltration, retention or detention Storm water applications. Manufactured using recycled materials, the Tank Modules are lightweight, engineered design, structural component developed through research & development. It is ideally used for the construction of underground Infiltration, Reuse, Detention Tanks, Grass Swale, Subsurface interception channels, Septic Leach Drains and light weight void fillers for roof gardens and planter boxes applications.

Tank Module system supersedes traditional gravel and pipe based systems by far. The system provides a void space ratio of over 95% compared to 30% in typical gravel and pipe based systems. Consequently, the plastic geo-cellular system offers a smaller footprint for the same storage volume, significantly saving the amount of excavation, soil transport, importing clean aggregate and thus reducing earthworks related installation costs, and causes minimum site disruption.

Advantages

- The Plastic Geo-cellular – Tank Modules are available in kit form making it economical and easy to transport and handle.
- The lightweight nature of the Tank Modules also eliminates the use of heavy machinery, and makes installation quick and easy.
- The modular design and stackable structural capabilities of the Tank Modules distribute the loads evenly and allows it to be used, in Traffic and Landscaped areas with high safety factor value. The modular design also means that you can create any shape and size of the underground Storm water Structure on sites without disturbing the surrounding site conditions and maximize land use pattern.
- This Tank Module has a unique low flow design to provide a total linear access, for inspection and maintenance purpose. This system will allow keeping the debris out of the cage structures; allow flushing out and controlling any silt build-up.

System Benefits

- Onsite Storm water Management
- Environmentally friendly made from selected Recycled Polypropylene
- Recharges Groundwater Table through principle of infiltration.
- Mitigation of downstream flooding
- Site space utilization and minimum site disruption.
- Economical and Low maintenance system and reduces liability issues
- Modular Structure for design flexibility
- Heavy load carrying capacity
- Supplied in Kit form for ease in transportation
- High void surface ratio for quicker infiltration.
- Light weight hence no heavy machinery or skilled labor required

Applications

- Underground Storm-water Management
- Infiltration / Soak-way Tank
- Detention / Attenuation Tank
- Rainwater Recycling / Harvesting Tank
- Grass Swales
- Bio-retention Basins
- Sport field Drainage
- Channel Drainage
- Road Drainage
- Car Park Storm-water Tanking
- Septic & Leach Drains
- Trench Soak-way