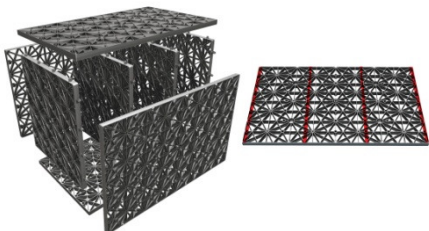




## SPORT TANK STORM WATER MANAGEMENT SYSTEM INSTALLATION GUIDELINES

1. Be sure to contact your local representative at least two weeks prior to installation. We will provide you with on-site installation support at no additional charge in order to help facilitate installation.
2. If the Sport Tank units arrive to your project in flat panels, then you will need to assemble the Sport Tank on-site. Follow the assembly instructions provided with the shipment.
3. Excavate the site to the proper depth (accounting for 3"-4" of base and cover aggregate material, as specified), length and width, allowing for adequate room to compact backfill around the perimeter (typically 6" – 12"). Place the geosynthetic, geomembrane or geotextile, in the perimeter trench prior to the installation of the base material.
4. Place the 3"-4" base material on the geosynthetic and begin installing tanks in the excavation, butting them tightly against each other. After complete placement of the tanks, bring geosynthetic up the sides and over the top of the structure, connecting joints as recommended. Fold excess fabric at corners to lay flat against the structure and secure using tape.
5. Identify locations of inlet, outlet, inspection ports, and any other penetrations. To secure pipe to system, cut X into geosynthetic, and secure to the pipe with a band clamp. If butting the pipe to the Sport Tank is not satisfactory, the exterior plate of the Sport Tank may be cut with a reciprocating saw and the pipe inserted into the tank.
6. Place backfill around Sport Tanks carefully, and use a powered mechanical compactor to compact around perimeter, care shall be taken to avoid damage to any geosynthetic material. Support pipe in trenches to prevent damage to the pipe.
7. Place a sandy gravel backfill material over wrapped tank (typically between 4"-6" for synthetic turf applications), compacting with lightweight equipment to a minimum of 90%. Take care when placing backfill on top of the structure to avoid damage to the geosynthetic and tanks.
8. Geogrids, if required, should be installed on traffic areas. The geogrid layer is preferably placed 12 inches over the top of the structure, so that it extends beyond the edge of the structure for at least 1 1/2 ft. Joints must be overlapped by a minimum of 1 ft.
9. Care shall be taken to ensure that any underlying layers are not damaged during the placement of the synthetic turf system. Low ground pressure equipment to facilitate deployment over **Sport Tank** is recommended. **Low ground pressure equipment shall have a ground pressure with less than 7 PSI.**
10. All pictures, illustrations and instructions have been included to guide you through a typical installation. The approved engineering drawings should ALWAYS take precedence over these instructions.



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