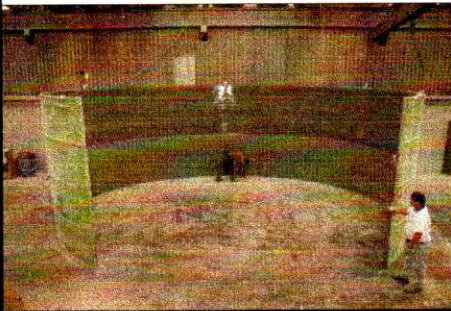




FIBERLOCTANK

Large capacity storage tanks which are too big to be transported are usually made in sections and assembled on site using thousands of bolts and miles of gaskets, all of which are prone to leakage and failure. Camplas 'Fiberloc Tanks' won the DTI Smart Award (Small firms Merit Award for Research and Technology) are made by a patented helical winding system which won the Queens Award for Technological Achievement. The winding system gives the GRP a tensile strength twice that of steel and is up to 5 times stronger than other forms of plastic. Originally developed for the Ministry of Defence to test sonar equipment - which could not tolerate any metal components - the tanks come in one piece and require no bolts. The Camplas 'Fiberloc Tank' is now available for a wide range of bulk liquid storage applications from fire fighting and process water to effluent treatment. They range in size from 4m to 16m in diameter, have capacities from 100m³ to 1,000m³ and can be installed in a day by a civil engineering contractor.

1. Final quality check at the factory before dispatch to the Ministry of Defence.



2. A circular, concrete base has already been prepared for the 'Fiberloc Tank', using GRP shuttering supplied in advance by Camplas.



3. The tank arrives in the morning and is easily lifted from the lorry ready for positioning.



4. The rolled up 'Fiberloc Tank' is placed on its side on the concrete base.



5. The strap positions of the crane are changed to allow the tank to be 'stood up' in the centre of the slab.



6. The tank is now ready to be un-rolled by the workmen so that it fits around the foundation.



7. Almost completely un-rolled and nearly in place the tank is starting to take shape.



8. The Fiberloc joint is placed in position and sealed. The tank is then made level and concrete is poured to lock the tank down.



9. After the outer sill has been formed and the concrete has cured the Camplas Fiberloc Tank is ready for use.

