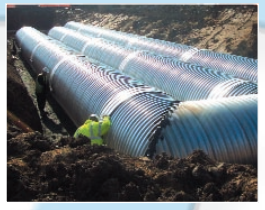
STORMWATER ATTENUATION TANKS





TUBOSIDER
GRUPPO RUSCALLA
UNITED KINGDOM LTD



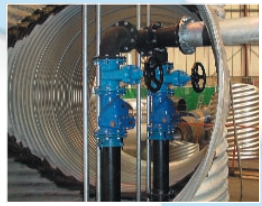
INSTALLATION OF MULTI-LEG TANK



H125 PIPE COUPLING BAND



DESPATCH OF TRENCHCOATED TANK



PUMPS FITTED INTO TANK

INTRODUCTION

TUBOSIDER Stormwater Attenuation Tanks are fabricated from Helibore pipe which is a fully BBA Certified product.

TUBOSIDER tanks offer the most cost effective and flexible underground storage solution on the market.

TUBOSIDER have supplied, on average, over 100 tanks per year since 1987.

FEATUES & BENEFITS

- Concrete chambers or cellular type systems are limited by size and shape whereas **TUBOSIDER** fabricated tanks can be fabricated to an infinite variety of layouts using pipes from 0.3m diameter to 3.6m.
- **TUBOSIDER** tanks are accessible for routine inspection. This is now a fundamental requirement with many authorities and is impossible using “cellular” or “crate” systems.
- Load bearing strength. Designed structurally to Highways Agency Standard BD12, **TUBOSIDER** tanks will carry full motorway live loads if required.
- Fully pre-fabricated. Tanks include access shafts, ladders, inlet and outlet connections, all factory fabricated. There is no concrete work or fabrication work on-site. Tanks are assembled from components using standard gasketed joints. The fastest system there is to install.
- **TUBOSIDER** can supply and factory fit Flow Regulators to restrict discharge to the specified rate. This eliminates the need for expensive regulator chambers, which are required with “crate” type systems.
- **TUBOSIDER** gasketed joints are fully tested and WRc approved to “Sewers for Adoption” standards of watertightness.



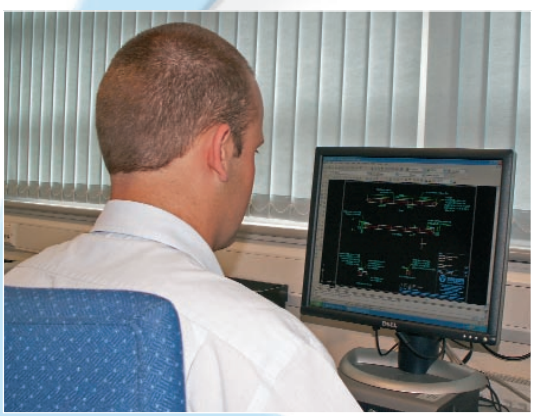
DESIGN

TUBOSIDER can assist at every stage of your attenuation project. Working from a capacity calculated by others we can develop a tank layout to fit the particular location or, given:-

- Return Period
- Permissible Discharge Rate
- Site Dimensions

We will provide free;

- Outline design and drawing
- Flow regulation requirement
- Installation instructions
- Cost estimate



DURABILITY

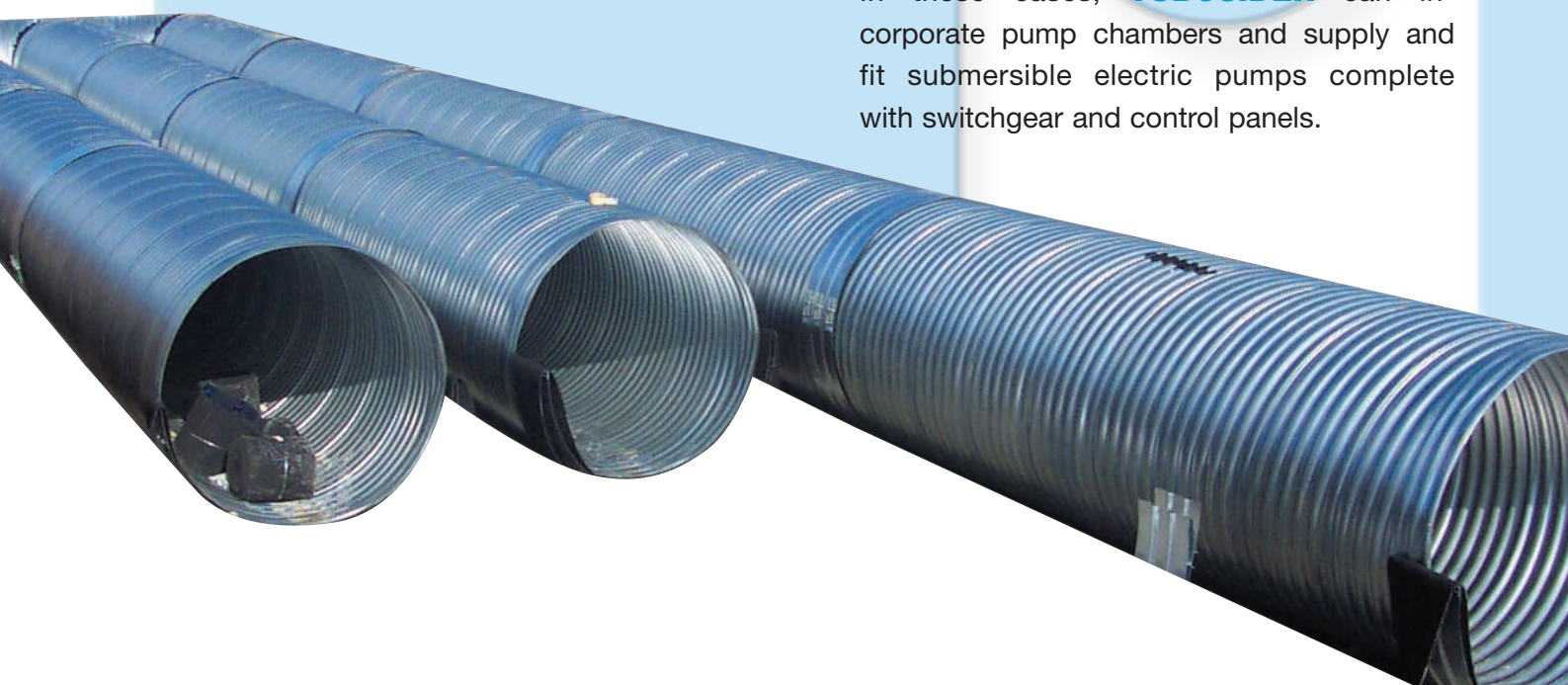
All pipe is manufactured from high quality pre-galvanised coil to BS EN 10143 with 305gms/m^2 zinc coating on each surface. This is normally adequate to provide a design life of 50 - 60 years in non-aggressive environments.



PUMPED SYSTEMS

For aggressive environments or combined sewer applications, Trenchcoat Polymer secondary coating is utilised giving a BBA Certified add on life of 50 years in an aggressive environment.

Increasingly, storage volumes cannot be achieved with conventional gravity systems. In these cases, **TUBOSIDER** can in-corporate pump chambers and supply and fit submersible electric pumps complete with switchgear and control panels.





INSTALLATION OF STORMWATER ATTENUATION TANK

TUBOSIDER
GRUPPO RUSCALLA
UNITED KINGDOM LTD

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