



DURATANK[®] SINGLE-SKIN FLEXIBLE WATER TANKS AND COMPARTMENT LINERS

Single-Skin Flexible Water Tanks

A flexible water tank is a cost-effective method of providing water storage. The single skin provides water storage capacity in any compartment capable of supporting the tank and its contents. The tanks and liners are tough and durable, offering many years of reliable life and feature high quality materials and fittings in heavily reinforced fitting locations. Each tank is individually pressure tested and inspected. A single skin tank or liner offers the ideal solution for the owner who needs to maximise the use of space or needs to replace or re-line an existing tank, particularly if the access is difficult. In addition they are significantly lighter and cheaper than rigid tanks and are corrosion-free. The concept is particularly popular for bow tanks on narrow boats.



Construction

The single skin tank consists of a 1mm thick unreinforced polyurethane skin, which is fully welded. Being highly elastic, these tanks require the support of a surrounding structure to maintain their shape. This is usually a compartment of some sort with a substantial lid.



Custom Manufacture

The tanks are made to the customer's requirements and dimensions. The material can stretch safely up to twice its length, so exact dimensions are not necessary. They are supplied with fittings (for inlet, outlet, vents etc.) already installed. These are generally designed to take flexible hose, although threaded fittings can be supplied if required. Customers can specify the location of the fittings to suit the application. Fittings are available in straight or elbow configuration allowing a variety of installation schemes.

Flexible tanks are made to the customer's specification. We recommend that you discuss your application with us to allow you to make best use of the tank and to make the installation straightforward.