

# **OPERATORS HANDBOOK AND WARRANTY**

VERTICAL, SLIMLINE AND STATIC ABOVE GROUND TANKS



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### HANDLING

Extreme care should be taken when unloading your tank from our delivery lorry. It should be inspected for damage before the delivery is accepted.

Contact us immediately on **01778 562810** so we can work with you to correct any problems as quickly as possible.

### Please read carefully.

While our vertical polyethylene storage tanks are manufactured to exacting standards, improper handling and installation can damage the tank and/or their fittings. Follow the guidelines listed on these pages to avoid problems.

Unload the tank onto a smooth surface devoid of rocks or any sharp objects to prevent damage. Exercise particular caution to safeguard against potential harm from forklift blades. When dealing with large tanks, it is advisable to use a crane for lifting them off the delivery lorry. Avoid damage to tank fittings and prevent the tank resting or rolling onto any fittings.

### WARNING

Images of the warning stickers affixed to the tank are shown below. It is essential these instructions are adhered to.

Tanks must only be lifted when empty.



Do not exceed vehicle manufacturers loading, towing or lifting specifications and regulations. Ensure tank is firmly secured in an appropriate manner. Use caution at all times, particuarly when driving on rough or steep terrain. Comply with chemical manufacturers safety requirements and all relevant legislation.













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### **INSTALLATION**

There is no substitute for good site preparation. Correct site preparation is essential to ensure a long and trouble-free life for your Enduramaxx tank.

It is important that tanks are installed on a surface that is smooth, level, firm and supports the tank completely. In almost all circumstances, a reinforced concrete base is the best solution. We recommend the base is fully cured for 7-10 days before positioning the new tank.

Even when a tank stand is used, the stand must be mounted on a level solid base. Tanks and stands must be secured to guard against movement that could occur from wind, seismic activity, and motion of contents or other causes.

We recommend that your reinforced tank base is a minimum of 600mm (24") larger than the dimensions of the tank and has a minimum depth of:

- 102mm (4") for tanks up to 2,500 litres
- 152mm (6") for tanks 4,000 litres to 10,000 litres
- 204mm (8") for tanks over 10,000 litres

As a rule of thumb, a 10,000L tank, when full of water, weighs 10 tonnes. Soft ground or an insufficiently deep base may cause the ground to subside under the weight of a full tank.

Consider the location of the installation and be sure you have enough room to carry out any maintenance activities. Polyethylene tanks may contract or expand due to temperature changes, atmospheric conditions and the nature of the contents, proper planning is important regarding the space in which your tank is installed.

We'RE HERE TO HELP CALL US 01778 562810

Please Note: You may void your warranty if you do not handle and install your tank properly.

### INSTALLATION

Ensure the connection between any fixed pipework and the tank (or tank outlet) allows for movement.

You should consider the work activities that will take place in the vicinity of the tank and take precaution against accidental contact with the tank. Impact with the tank, especially at low temperatures, may result in tank failure.

Certain tanks require support of the sides to avoid structural failure. Be aware of the properties of your tanks and the properties of the contents they will hold.

Your tank is not designed to support the weight of machinery, equipment or any heavy load. Do not mount item on the top of the tank or on its fittings.

If it is necessary for workers to enter the tank, great care should be taken to guard against asphyxiation or breathing of hazardous vapors and fumes.





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## FITTINGS AND ACCESSORIES

Be aware of the type of fittings used on your tank. Hand-tighten plastic bulkhead fittings. If they are over-tightened, the fittings may leak.

Ensuring the proper support for fittings, valves, pipes, and other tank accessories is crucial. Fittings and attachments on the tank should not bear any weight.

All tanks produced through rotational molding will undergo expansion and contraction during filling and emptying. The connection between fixed pipework and the tank or its outlet must accommodate this movement.

In cases where the tank is equipped with welded feet for anchoring it to the ground, the fixing method between the feet and the ground should allow for both vertical and horizontal movement.

Adequate breathers must be fitted to tanks. This is responsibility of the user.

It is essential to exercise care during the installation of accessories. Refer to the accessory's documentation, if supplied for detailed installation instructions.

### TANK USE

Use your tank only for its designated purpose. Do not subject its contents to pressure or attempt to create a vacuum.

Ensure that the materials stored in the tank are compatible with the tank's properties, fittings, gaskets, and accessories.

### **PRE-USE PRECAUTIONS**

Before putting the tank into service, conduct a water-fill test on your installation to confirm its functionality.

Thoroughly inspect the tank and its fittings to verify their integrity.

# **STANDARD 2 YEAR WARRANTY**

### Includes:

- Workmanship of tank (manufacture)
- Quality of raw materials and fittings
- Integrity and workmanship of frame/skid if purchased from Enduramaxx
- Guarantee on NEW Tank for a pro-rata period of 10 years (for original purchaser)

Does not cover:

- Tank mishandling, misuse, or faults caused by failure to follow installation advice or routine maintenance
- Unauthorised alterations or changes to tanks (including welding, cutting, or mounting)
- Damage from use of rigid/fixed outlets to pumps to the other fittings
- Damage from wear or tear
- Incorrect placing and securing of pumps or tanks
- Freight or costs associated with repairs associated with any of the above
- Costs associated with dismantling, installation or reinstallation of the tank or frame
- Contents of the tank

All Enduramaxx tanks are delivered with a 2 year warranty.

I acknowledge that if I fail to comply with the mounting, securing and supporting of my tank; I will void the explicit warranty, and could possibly incur the cost of freight to Enduramaxx for the repair of my tank; or at the least, the cost of a nominated and qualified plastic welder to repair the damage.

Please note that on occasion, we are requested to manufacture tanks for non-recommended purposes. In such instances, the customer opts to waive the 2-year warranty, as indicated on the order.

# EXTEND YOUR WARRANTY

To register your tank for extended 10 year warranty go to enduramaxx.co.uk/warranty. (exclusions may apply)





\* Terms and conditions apply

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