

Groundwater issues and your Aquaflex swimming pool liner

This document has been made by Aquaflex to raise awareness of the potential issues concerning groundwater, and how it may affect a PVC swimming pool liner.

Groundwater problems are caused by either high water tables, bad weather conditions, or a combination of both. When a pool is empty there are several ways a pool shell can suffer from the ingress of groundwater:

- Porous concrete.
- Wall panels which have not been sealed.
- Old cracks caused by settlement (refurbishment pools).

Our onsite lining installation teams have been trained to install reinforced pool liners successfully in pools which have groundwater issues. **This can only be done with the assistance of the main pool contractor (you).**

Aquaflex's contractual responsibilities are solely concerned with the installation of the reinforced pool liner itself, and not to deal with site conditions such as groundwater. These are the pool contractor's responsibility.

Aquaflex strives to continue to supply a high level of service and quality, and has made the decision to supply **only 1** Aquaflex Easitank (water storage tank) for every installation*. The Easitank will be filled by Aquaflex, using the homeowner's water supply, and emptied into the pool (by Aquaflex) as the final part of the liner installation. This will be applicable to all pools between October - April, regardless of groundwater issues.



Standard Easitank – 3000 gallons

*There is no extra charge for this service and it will be implemented on every installation, unless Aquaflex is advised not to.

During the installation of your swimming pool liner a groundwater issue may appear with no warning, leaving the installation team with concerns that 1 Easitank may not be enough to provide adequate pressure on top of the liner to prevent the pool liner floating.

Aquaflex will contact you and advise that **YOU** need to make arrangements to provide more water to fill the pool immediately after installation. Merely leaving the hose pipe running will probably not be sufficient!

If the pool can be filled immediately after the pool liner installation, this will give a much higher success rate of eliminating subsequent issues with the pool liner.

Failure to fill the pool after Aquaflex instruction can result in the liner needing to be replaced!

All installations require an Aquaflex confirmation form to be completed by you. This form highlights that Aquaflex will not be responsible for the filling of the pool:

On completion of the liner installation. Aquaflex will NOT be responsible for the initial filling of the pool. Arrangements must be made by the contractor to start and complete filling.

I have read and understood the above points concerning the correct procedure for carrying out on-site lining installations by Aquaflex.

Signed for on behalf of

Signed by

Date

Job ref.

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If there are known groundwater problems with the pool to be lined, before the installation date, please make arrangements for dealing with these issues prior to Aquaflex's installation.

We recommend that all pool contractors purchase their own Aquaflex Easitanks to assist with filling all pools after installations:

The Easitank provides the perfect answer to the problem of temporary water storage on site, and is an essential part of any pool company's equipment. The Easitank utilises robust,

polyester reinforced, spread coated PVC, and is supported by an integral, foam filled collar of the same material to give fast and adaptable water storage. Pool professionals who regularly use the Easitank calculate that the investment is very quickly recouped due to the significant time savings on site, as well as saving thousands of gallons of water – an increasingly expensive commodity.

Every site is different, with varying amounts of free space, so the Easitank is available in three sizes:

The 'Spa' Easitank - is the baby of the family, holding about 450 gallons (approx 2,000 ltrs) and is able to fit into smaller spaces, being only about 2m in diameter.



The 'Standard' Easitank - holds about 3,000 gallons (approx 13,000 ltrs) and measures approximately 4.25m across.



The 'Large' Easitank - is roughly 5.5m in diameter and holds in the region of 5,000 gallons (approx 22,000 ltrs) of water.



The UK's leading Liner specialists

Other methods can be used, such as making arrangements for a water bowser to be available at the end of the installation, or other storage containers. Whatever method is selected, it is essential to know that Aquaflex cannot take responsibility in the event of unavoidable groundwater issues causing problems with your Aquaflex pool liner.

Aquaflex's 16-year limited guarantee for reinforced site lining installations details below:

"The Guarantee does not cover: -

Damage to the liner, either physical or aesthetic which takes the form of creasing, fading or staining caused by the pool construction or shell surface, ingress of ground water, failure of pool fittings or linerlock, poor pool maintenance or incorrect water balance."

Aquaflex assistance with dealing with groundwater issues will be a chargeable service.

The removal of water from behind a pool liner is a relatively straightforward process and does not often cause issues with the pool liner. In the event of the felt (fleece) under the liner becoming detached (floating) from the pool shell and creasing, this can cause bigger issues.

If the liner has been attached to the pool shell using metal profile (instead of beading/linerlock), there is not a possible way to gain access under the liner without cutting it open. In a worst-case scenario this can result in the liner needing to be replaced.

We hope this document outlines what Aquaflex expectations are of the pool contractor and highlights what is required to combat groundwater issues.

Should you have any further questions, please contact us: – 01722 328 873.