

VapourGuard™ tank installations

The photographs show 'before and after views' of a VapourGuard™ geomembrane installation on a 55,000 litre above ground water tank on a Quinta (farm) in Portugal.



Testimonial

"I live in the Portuguese Algarve and own a Quinta where I grow oranges and grapes. As my property is rural I do not have mains water, my only source is from a borehole. Water is pumped once a week from the ground and stored in a 55,000 litre above ground water tank.

The problem that I had prior to fitting a VapourGuard™ cover was that the water would turn green and smelt of rotting vegetables, this wouldn't matter too much if I was only watering the plants and trees but unfortunately it is the water that we use in the house and does not make for a good shower or bath.

Once a year I would have to empty the tank – completely, bucket out a six inch layer of leaves, weed and rotting matter then power hose clean. This was very time consuming and resulted in no water in the house during the cleaning period.

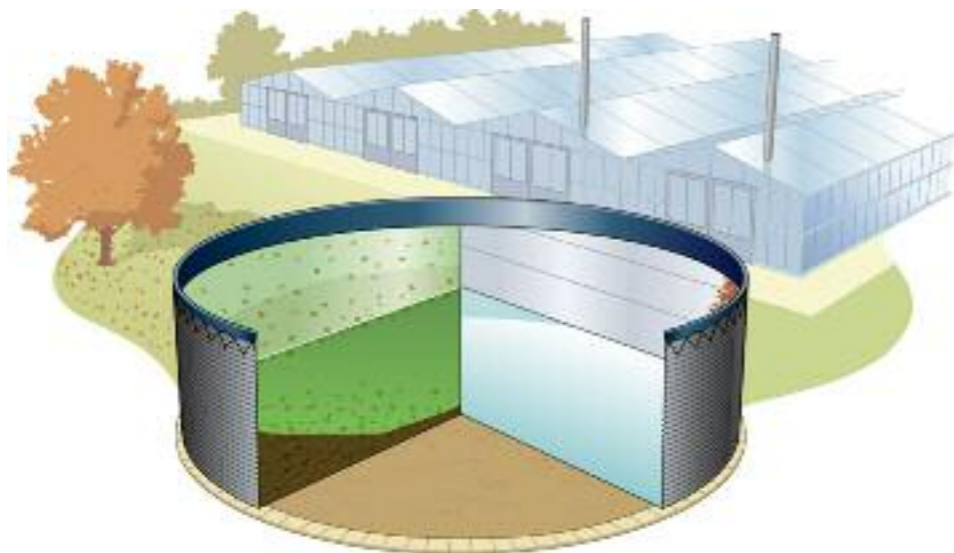
I last cleaned the tank in December prior to fitting the VapourGuard™ cover, six months have passed and the difference is dramatic, no more smelly green water, if I lift the cover now I can still see the bottom of the tank, previously this would have been impossible as little as two weeks after the cleaning. The cover not only keeps out the sun which inhibits the algae growth but also the leaves from surrounding trees, hopefully no more power hosing at least not this year anyway.

I would be happy to recommend VapourGuard™."

Paul Shawe, Algarve, Portugal, July 2010

"The water is still clear and emptying the tank seems to be a thing of the past, the cover keeps the water clear and the debris out, after two years the cover is in excellent condition with no obvious sign of any degradation caused by exposure to sunlight."

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Contact Pauline Ralph today for more information about all our products

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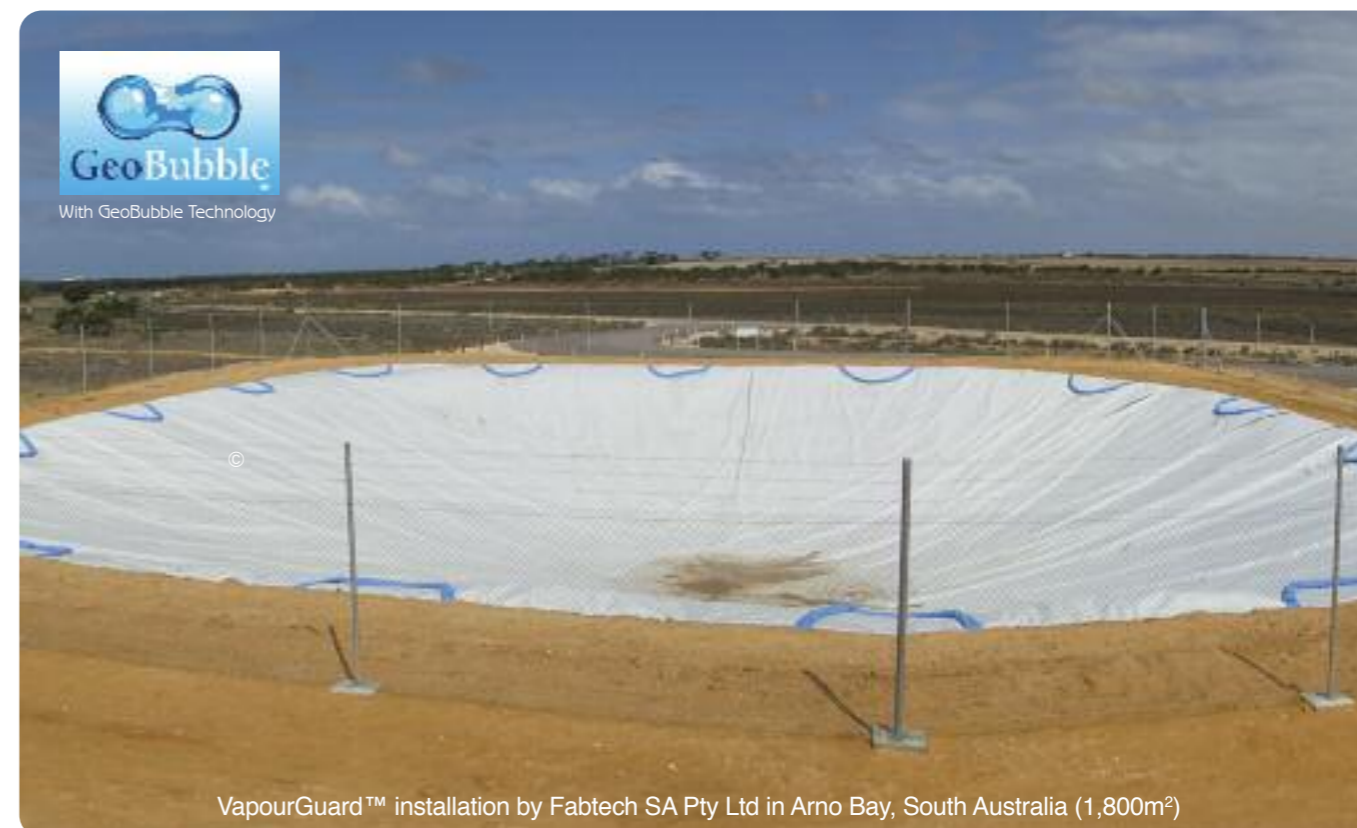


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Water Storage Cover Material



VapourGuard™ installation by Fabtech SA Pty Ltd in Arno Bay, South Australia (1,800m²)

Are you dependent on your water supply?

- Eliminate water evaporation by 98%+
- Harvest rain
- Inhibit algae growth
- Reflect the sun's heat
- Reduce contamination
- 6 year pro rata warranty



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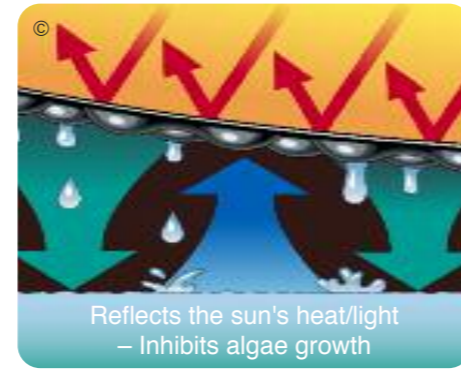
We can not live without water. It is a precious resource that is becoming scarcer with a growing population and prevailing drought conditions affecting many regions. A VapourGuard™ geomembrane cover will protect your stored water and collect rainfall in your dam or reservoir. The bubble material creates a floating cover that is self

supporting due to millions of small air cells.

The VapourGuard™ material is supplied to fabricators in roll form that is 2.5m wide x 90m. The bubble cover is dual extruded from polyethylene that is 540 Microns thick.

The VapourGuard material is ideal as a dam and reservoir cover. It is

suitable for modular fabrication using the proven hot wedge geomembrane welding technology. Individual sections of up to 1000m² are typically fabricated in a factory and welded on site during geomembrane installation.



Your water is kept cooler and cleaner

The light top surface is designed to reflect the sun's heat away from the water surface area. The dark underside of the VapourGuard™ material is designed to prevent light penetrating the surface, inhibiting algae growth in the contained water.

Reduce contamination

By virtually sealing the surface area, air born debris is substantially reduced.

Strong welded seams

The VapourGuard™ geomembrane is manufactured with a weld edge to join sections of the cover together. Hot wedge welding is used to create strong seams for covering expanses of water.

6 year warranty

The VapourGuard™ material has a 6 year pro rata warranty against UV breakdown due to sunlight exposure.

Eliminate water evaporation by 98%+

If you are storing water for crop irrigation, agriculture, hydroponics, mining and drinking water, for example, you will be losing millions of litres of water through evaporation. A VapourGuard™ evaporation cover will eliminate this loss by 98%+.

Research carried out in collaboration with Brighton and London Metropolitan Universities proved, under conservative heat and wind conditions, that the average loss per square metre of water surface area in the UK is in the region of 1,000 litres (one cubic meter) per year. This figure is considerably higher for hotter climates. Save this and it could mean the difference between having a crop or livestock to sell or not!

Environmental Benefits

The VapourGuard™ cover conserves water and, at the end of its life, is 100% recyclable.



VapourGuard™ dam/reservoir installations

The VapourGuard™ cover has been successfully installed in a number of sites in Australia. The photographs are of installations by Fabtech SA Pty Ltd in Australia.

To date, Fabtech's installations range in size from 600m². Customers include primary producers (wine growers, cattle farmers, poultry breeders) and salt exporters.

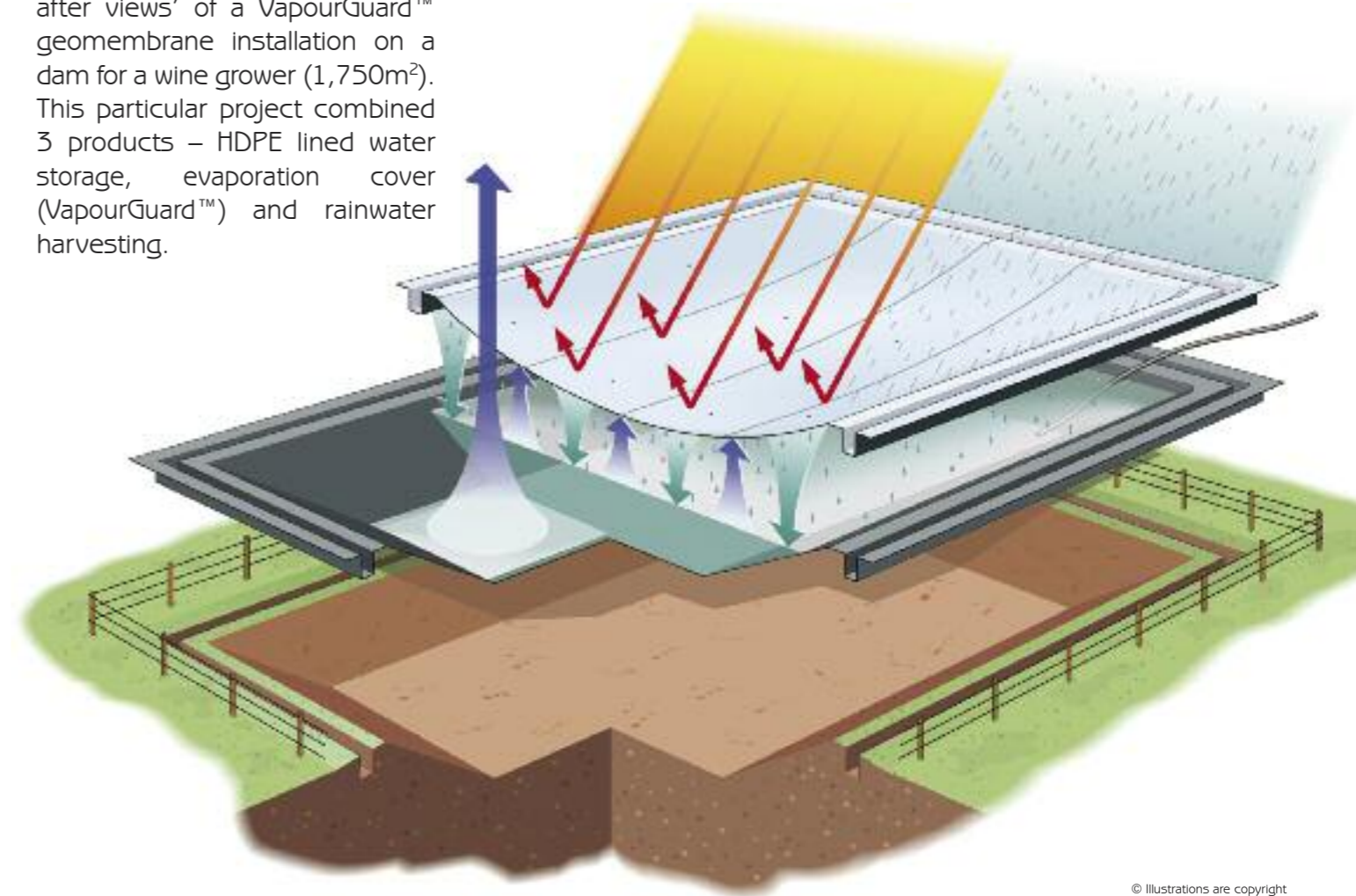
The photographs show 'before and after views' of a VapourGuard™ geomembrane installation on a dam for a wine grower (1,750m²). This particular project combined 3 products – HDPE lined water storage, evaporation cover (VapourGuard™) and rainwater harvesting.



Dam before cover installed



VapourGuard™ cover installed by Fabtech



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Testimonial



"We have successfully installed VapourGuard™ floating covers at a number of small to medium sized dam sites. The material is self-supporting, strong and easy to weld. It gives our customers the results they need in terms of evaporation prevention, stopping algae growth and harvesting rainfall. The Plastipack team give us excellent customer service with fast response times and detailed order schedules. We feel very confident that they will always support our business in any way they can. We certainly recommend VapourGuard™ material for small dams and reservoirs for DIY installation up to 1ML/1,000m², or contract installed up to 3ML/3,000m²."

Graham Fairhead, MD, Fabtech SA Pty Ltd, Australia, www.fabtech.com.au