



A new era in eco-wise pools

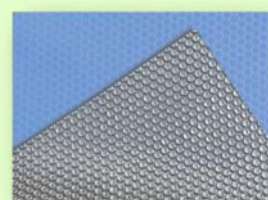


There is increasing pressure on us all to live more eco-conscious lifestyles and to consider the environment in our daily household habits. Our EnergyGuard cover is an effective way to align a pool with responsible, holistic lifestyle choices and the simplest way to address domestic carbon and water footprints. Still relatively new on the market, EnergyGuard is a best seller and is recognised by green lifestyle consultants as the leading eco-wise pool cover. Locally, the cover's superior manufacturing and design remains unparalleled.

what is an EnergyGuard cover?

An EnergyGuard cover is an innovative swimming pool bubble cover, with a dark blue top surface and a black underside. The tough durable 500 micron pool cover material is formulated for climate conditions on various continents, depending on UV weathering intensity.

The additives used combine weather and chemical resistant pigments with high performance light, weather and chemical stabilisation. These additives are non-toxic and are registered in Australia, Canada, China, the EU, Japan, Korea, Philippines and the USA.



Dark blue surface & black underside

benefits of the EnergyGuard

The dark surface of the EnergyGuard inhibits light entry into the pool, preventing photosynthesis and making it difficult for algae to survive. This, combined with its thermal properties, yields several benefits for the pool owner:

- **reduce filtration/pump time by up to 50%**

Filtration is still required for aeration and eradicating minor impurities but with the EnergyGuard, pump time can be halved which makes for considerable power savings. In an average domestic pool, the pool pump consumes 12% of the household's electricity. EnergyGuard reduces this by half.

- **reduce water evaporation by 98%**

The cover lies directly on the water therefore evaporation is reduced, curbing water loss and conserving this natural resource. In local conditions, an average pool (8m x 4m) can lose up to 32 000 litres of water annually, if left uncovered.

- **reduce chemical consumption by up to 60%**

With less algae growth, less chlorine is needed with an EnergyGuard cover. The cover also curbs chlorine loss to photolysis in the evaporation process, a process that causes greenhouse gas emissions.

- **heat retention: energy savings of over 50%**

The dark blue surface of the EnergyGuard cover absorbs the sun's heat and transfers it to the water. On heated pools, EnergyGuard allows for lower settings on heat pumps and solar heating becomes considerably more effective.

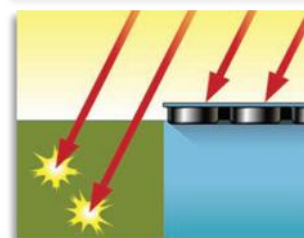
- **reduce debris contamination**

The EnergyGuard cover prevents dirt, droppings and leaves from entering the water, which deprives any algae of nutrients. Water aesthetics and hygiene are greatly improved.

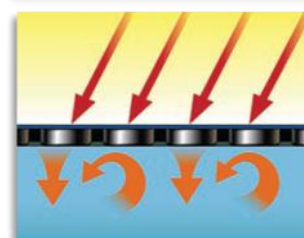
- **save money**

By using less energy, less chemicals and less water, this cover pays for itself over a short period of time.

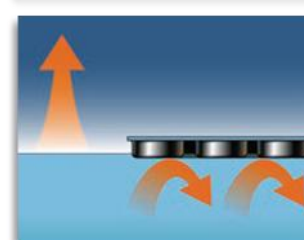
Inhibits algae growth



Absorbs sun's energy



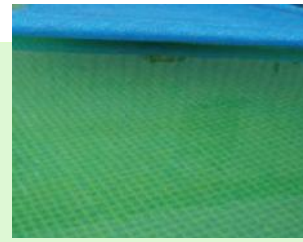
Retains heat



tests prove that the EnergyGuard cover works ⇨

The pools in the images (pictured right) were both tested for ten days with no chemical treatment, no filtration and with simulated use.

The pool shown in Image 1 had a standard solar gain cover and soon went green due to algae growth. Image 2 shows a pool with the EnergyGuard cover with no algae growth. The test was continued for two months and this pool still remained clear of algae when the test period ended.



1. Pool with or without standard solar cover



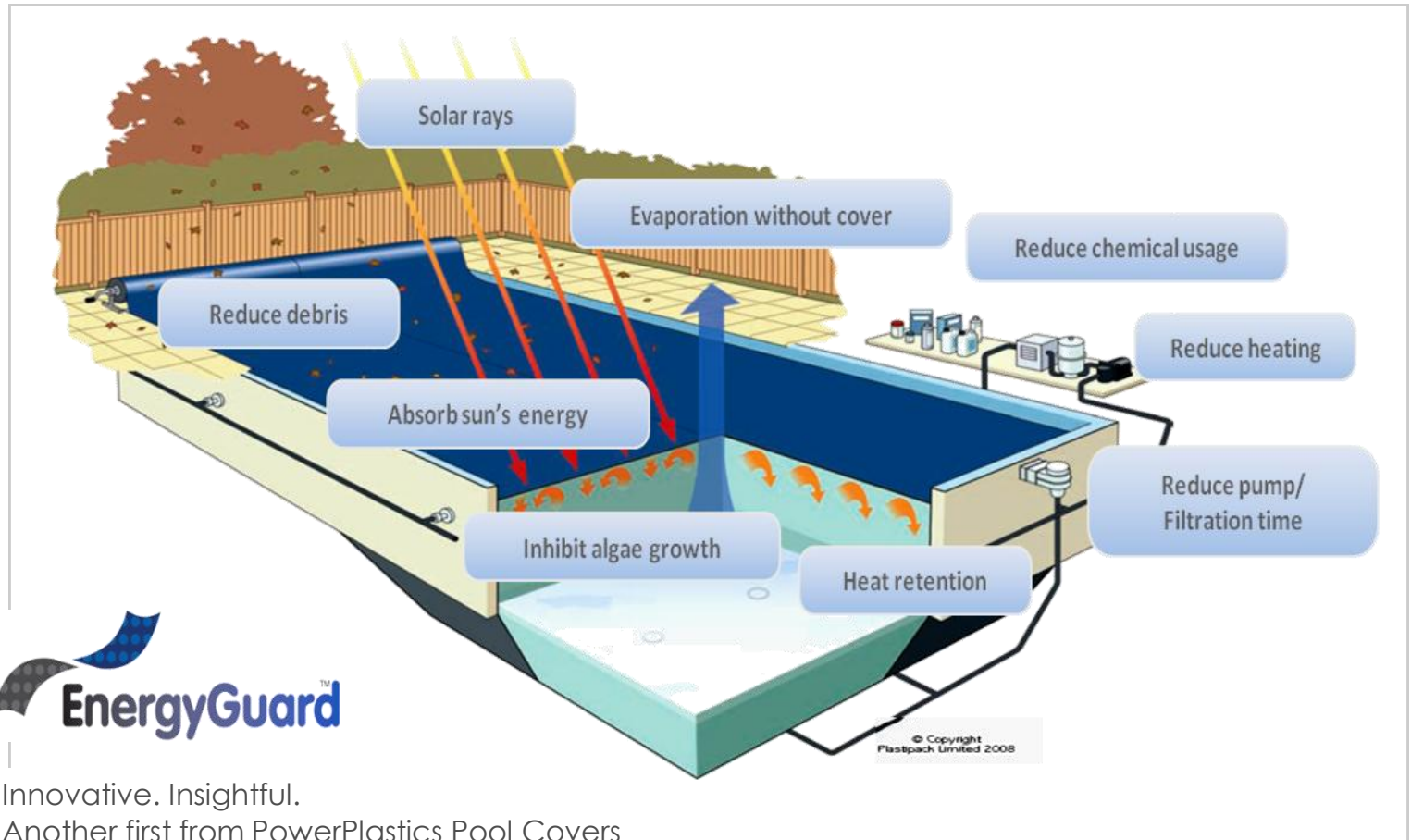
2. Pool with an EnergyGuard cover

the story of EnergyGuard

The local power crisis and rising cost of electricity, combined with the average domestic pool pump's capacity to consume considerably large amounts of electricity, highlighted the urgent need for a locally manufactured, stylish yet still affordable pool cover that would lessen a pool's electricity consumption. After extensive research and thorough testing in South African conditions, the EnergyGuard was born. And so pools became greener, in the environmental sense!

warranty

The EnergyGuard carries a reducing warranty of 3 years but can be expected to last well beyond with correct care



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