



Pools that heat themselves

The only accredited swimming pool insulation company in the world

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Accredited

Motivated awareness



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23rd December 2004

Dear Mr Rose,

SWIMMING POOLS AND THE BUILDING REGULATIONS

Thank you for your letter received by the Prime Ministers office on 27 September 2004. Your letter was referred to the Department for Environment, Food and Rural Affairs and in turn on to this office and myself for reply as the Office of the Deputy Prime Minister is responsible for the Building Regulations. I must apologise for the delay in responding.

Partnerships



Ofgem certified

Mr Nigel Rose
Thermapool
Carlton House
Bells Mill
Bishops's Stortford
Herts CM23 2NN



Your Ref:
Our Ref:
Direct Dial:

Date 10 March 2009

Dear Nigel,

Thermapool system

I write to confirm that Ofgem is satisfied that the Thermapool swimming pool insulation system does save carbon dioxide and that a "score" can be assigned to this system for the purposes of CERT.

The exact "score" under CERT will be determined on a case by case basis. Lifetime ascribed to your system is between 30 and 40 years, depending on its application.

If you have any queries please do not hesitate to give me a call.

Yours sincerely

Recognition



GOLD

There is no doubt that owning a Thermapool is an investment in your quality of life whilst increasing the value of your home.

Imagine having a longer season to swim in your pool whilst only costing a fraction of what you would expect to heat it. With rising fuel prices, heating costs and the environment now being top priorities, our unique 'Patent Pending' Thermapool, has been proven to save you money and give you the most energy efficient pool available!

With Thermapool that's exactly what you can have!

Thermapool is the only insulated swimming pool system accredited under the Government's "Carbon Emissions Reduction Target". OFGEM also ascribed Thermapool the maximum 40 years lifetime energy efficiency and carbon saving for both tiled and liner swimming pools. Thermapool's unique design is the result of their own research and development. They have also worked with Oxford, Cambridge, Kingston, Anglian Ruskin universities and the BRE to develop Thermapool.

... love Thermapool™



Research & Development with



Working in conjunction with



Thermapool is proud to be the only swimming pool insulation company to be accredited by the Carbon Trust and OFGEM as an energy saving technology, because of this accreditation we could offer routes to energy efficient financing or grants up until April 2012. Unfortunately this funding is no longer available due to changes in funding policy. However Thermapool are always striving to generate new ways of funding or grants for our customers. Please contact us to see what is currently available to you.

Thermapool™ is independently proven to last more than 40 years



Why buy Thermapool?

Before 2001, insulation in wet environments was not a concept well researched. Thermapool's invention that year was therefore a milestone in the swimming pool industry and there is a world of difference between our insulation products and any others available in the swimming pool market.

Moisture Absorption

Thermapool's continued research has proven that most other types of insulation quickly absorb moisture and lose their insulating efficiency in a swimming pool. This renders the insulation useless!

Insulation Compression

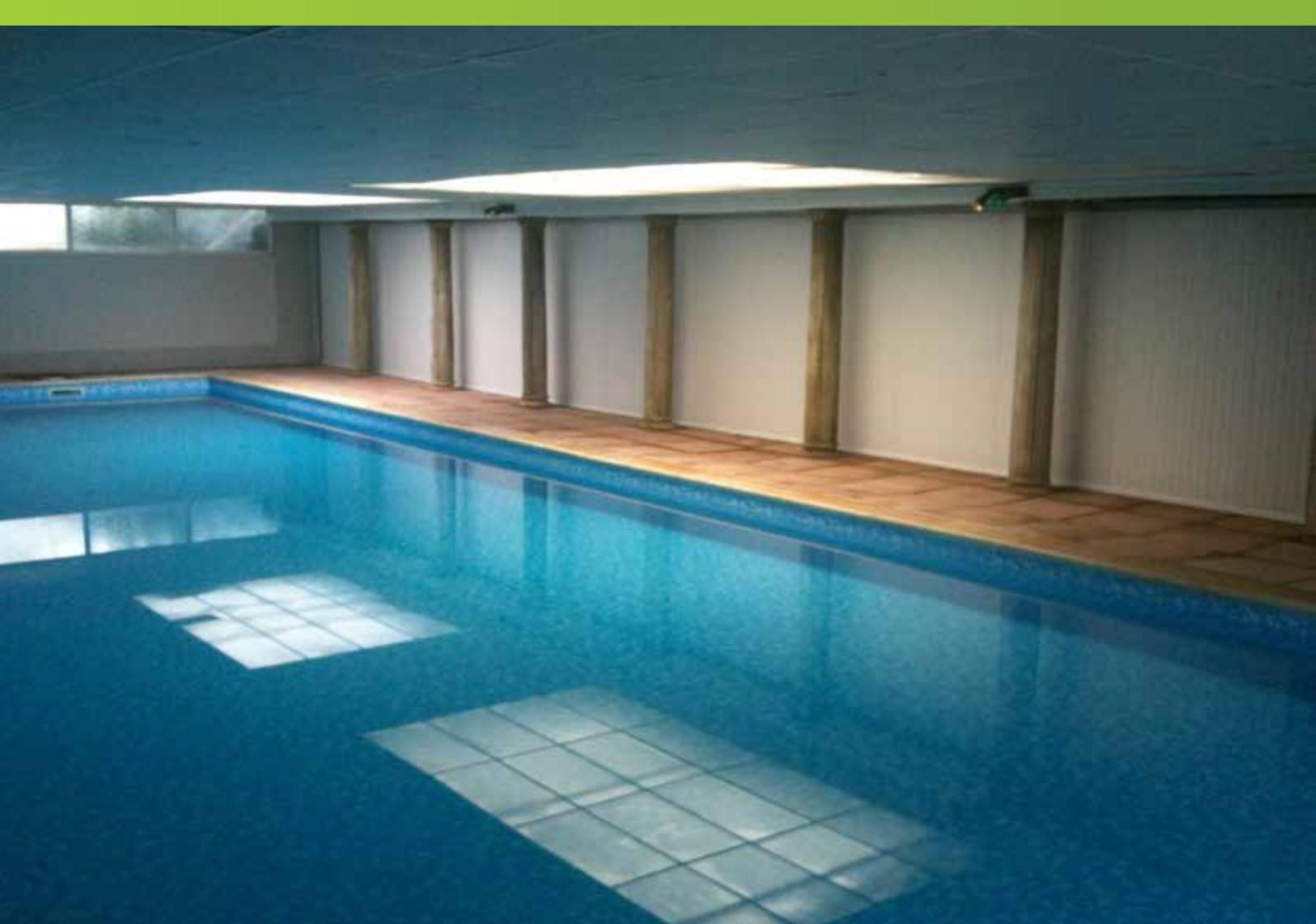
If insulation is not installed correctly it will move and compress, leading to cracked pipes or a cracked shell. In 2011 Thermapool had to help more than 16 pool owners who had been miss-lead by builders stating that they could insulate the clients pool. One example lead to the client having to demolish their brand new £100,000 swimming pool and start again using Thermapool to insulate their pool correctly.

As amazing as it sounds – No other insulation products have been independently tested for use in swimming pools!

“Don't get caught out, call us to check that you have genuine Thermapool products.”

Thermapool is Working all over the world to reduce swimming pool heating costs.

... love Thermapool™



Cost Conscious



£45,000 SAVINGS *p.a.*

The purpose-built 12 meters by 6 and 1.5 to 3.7 meters deep Mevagh indoor Scuba Diving training swimming pool in County Donegal, Ireland, chose Thermapool Swimming Pool Insulation system for energy savings and extra durability. Even when divers drop weights and tanks onto the pool floor everyday at 3.7 meters deep it has no impact to the Thermapool surface, showing how strong Thermapool really is.



How we achieved these figures:

The pool was emptied over Christmas 2010. Due to the scuba diving boots marking the white render, the decision was made to empty the pool and repaint it. They had the facilities heating costs prior to emptying the pool. Whilst the pool was empty they gained new daily running costs and when the pool was refilled they calculated the daily heating cost of the pool to be £3.25 per day.

Insulation Solutions

New build



Liner



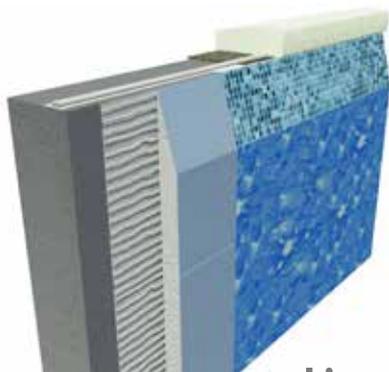
Tiled



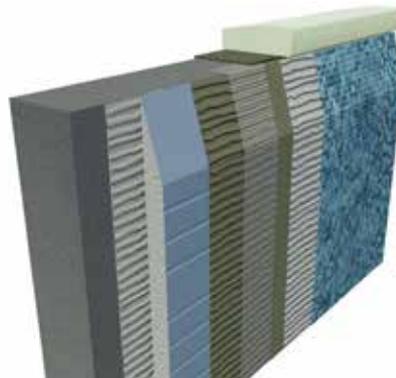
Thermapool goes on the inside so you don't waste money heating soil or concrete. We insulate all pipe work too.

Refurbishment

Insulating during a pool renovation or liner change



Liner



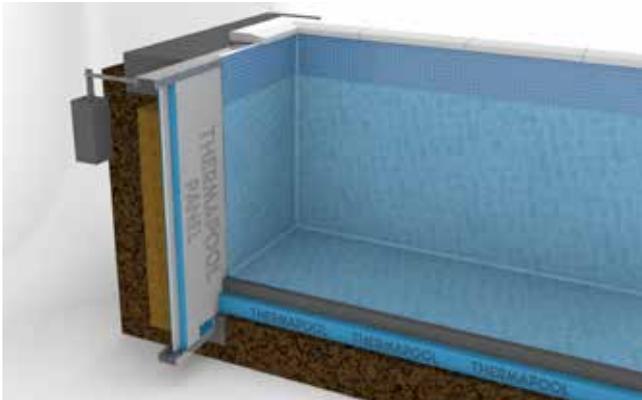
Tiled



Thermapool insulation is fitted without removing the existing swimming pool fittings or coping stones. You can bond Thermapool directly onto good sound tiles without the need to remove them. Using our wedge just below the coping stones, gives you a taper from zero to 75mm thickness over the tile band. Use our circular insulation panels which are pre-manufactured to fit standard fittings such as drains, lights and skimmers. Our panels can be pre-grooved to ensure a perfect fit with the radius corners and curves.

Panel Construction

Above ground, in ground, tiled and liner



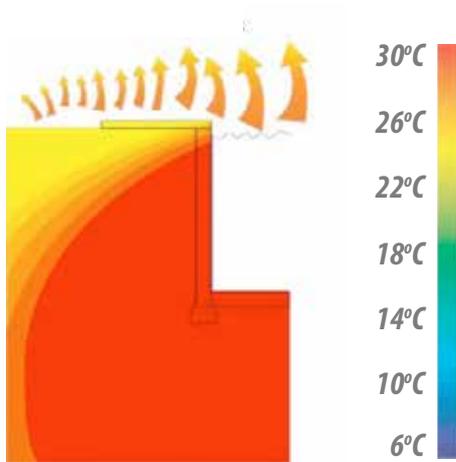
Thermapool Panels have been designed for strength. Conventional braced pool system requires a considerable “over-dig” which can be both expensive and time consuming. Thermapool Panels are a modular interlocking system that requires a minimal 100mm over-dig, reducing the amount of soil that needs to be removed from site and have the added advantage of being quicker and easier to install than alternative pool construction techniques. In addition to the sides of the pool being insulated by thermal panels, the pool floor is insulated with water repellent insulation. Whether you choose to have your pool built, or take on the project as a self-build, installing a Thermapool from start to finish can more than half the pool build time.

Thermapool panels are available for liner or tiled pool construction. These pools can be designed with any floor style required, from flat bottom, constant slope, special slope, wedge and hopper pools.

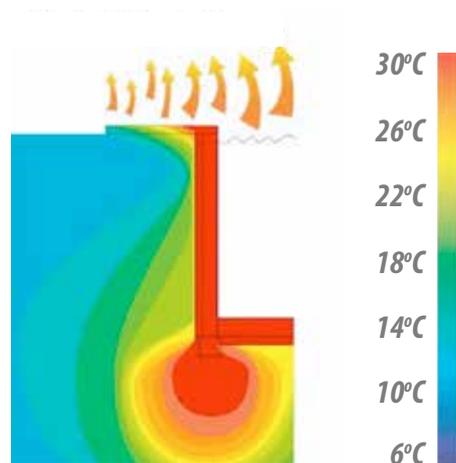
Our panels are also available as deck level and infinity edge pools in both liner and tile construction.



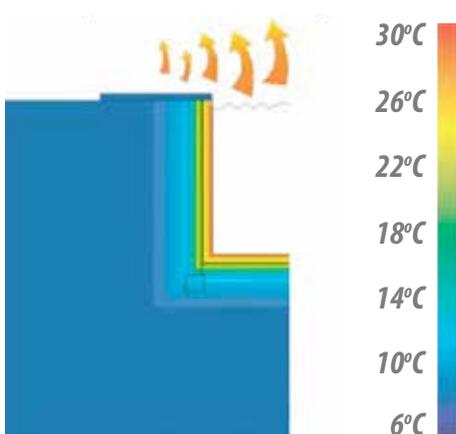
Why?



No Insulation
100% Loss



Other Insulation
41% Saving



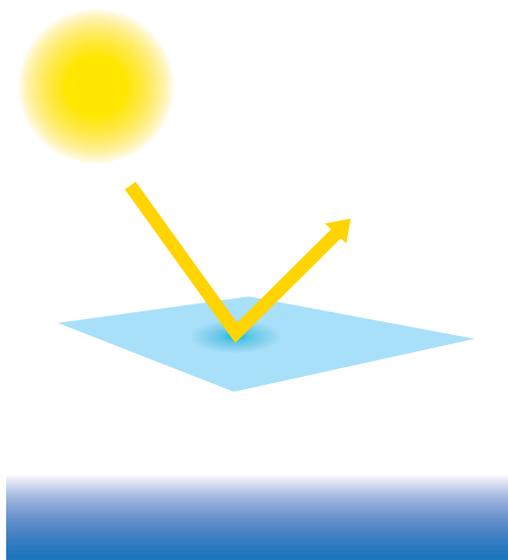
Thermapool
96% Saving

**BRE Report: Thermal performance of swimming pools Report -
Project Report Number 15959**

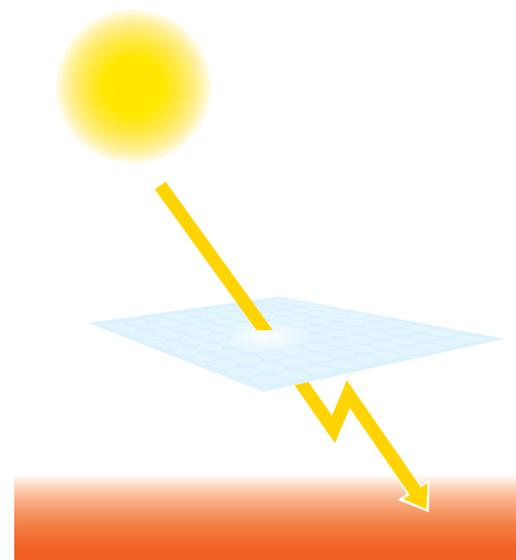
If all thermapool systems are used

ThermaCover™

Thermapool tested eight of the most popular swimming pool covers including 15mm foam covers with Anglian Ruskin University in 2008 the results proved to be logical. After removing a black bubble cover from the swimming pool surface on a sunny day, the pool water rose 5 degrees within one hour. The professor explained that similar to a commercial green house where the windows are white washed over the summer to stop them getting too hot, and cars in hot countries having blacked out windows to shade them. By using a clear swimming pool cover like ThermaCover™ you are stopping evaporation, whilst still insulating, but allowing solar radiation into the pool water. Therefore this heats the water throughout for free. Even on an indoor pool the benefits are still clear.



Traditional coloured swimming pool covers shade and block out solar energy from entering and heating the water.



The clear ThermaCover™ allows 100% of solar energy to heat the depths of your pool, heating the water for free and has a built in insulating layer.

*Thermapool Insulated Outdoor Swimming Pools fitted with our clear ThermaCover™, will not need to be heated in the summer when conditions are warm and sunny. **Guaranteed***

*The deeper the pool the less solar heating will be achieved, due to heating a larger volume of water. Similarly any shading on the pool will stop solar gains entering the water.

Sustainable

A school swimming pool 12 x 6 m Saved
£4,800 in just five months

! The pool's original heating cost's were
£5,000
● After Thermapool™ refurbishment ...
£200!



Thermal image of Thermapool™ insulation



How we achieved these figures:

Prior to Thermapool installation they used to heat the pool for 24 hours a day 7 days a week. After Thermapool was installed they cut their heating to Economy 7, heating the pool 7 nights a week. The following season, due to how often the heating had actually been turned off by the caretaker he believed that he could use the heating on Sunday's and Wednesday's only. We were not sure if this was possible but the caretaker tests the water 3 times a day and had a better understanding of the pools performance. At the end of the season he informed us that only on a handful of occasions had he actually had to heat the pool for 3 nights, when weather was very poor.