

Pure WATER. Pure PLEASURE.

The wonderful world of natural pools



BIOTOP NATURAL POOL

Pure Pleasure for body and soul.

With the first natural pool in Austria in 1985 I had the pleasure of introducing a new world of outdoor enjoyment and an innovative way of experiencing nature in your own back garden. 25 years in which I and my close-knit team have built more than 3,500 natural pools – each one of which is unique and blends perfectly into its surroundings – for both residential and commercial customers in Austria, throughout Europe and as far away as Australia, Asia and America.

Of course, with each new natural pool we increased our expertise and today this forms the most important basis for our product range which we can rightly say is unrivalled – and we intend to continue living up to this claim in the future. Expert planning, execution and continuous system improvement, the use of only high-quality system components and our experienced team of specialists guarantee that your pool will provide you with years of pleasure.

With this catalogue we want to provide you with a first impression of the wonderful world of natural pools. For our latest innovation – the Living Pool – we created a separate catalogue so we could focus on it individually. Both products have something in common: they enable swimming in natural, chemical-free water.

With their individual natural pools our customers enjoy the highest quality of living – day by day and year-round. We hope that a Biotop natural pool will soon be your choice.

As you browse through this brochure I hope you enjoy discovering the world of natural pools.



Peter Petrich

Peter Petrich
Managing Partner





“Year Round
Pleasure in
Your *Garden!*”



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spring



summer



autumn



winter



The PHILOSOPHY

Nature demands gentle, respectful treatment – »use instead of abuse« is the motto, which we consistently keep to in building natural pools.

In keeping with the precious nature of water, the water in natural pools does not have to be continuously chemically treated and regularly replaced like that in conventional pools. A natural pool simply cleans itself. The secret behind it: Just as in a natural lake, the carefully planned planting of a special regeneration zone ensures clean and pure water using the pool's self-cleansing properties. While there is a separating wall between the swimming and regeneration zones to prevent earth getting into the swimming area, the natural pool creates an organic unity of design and function. A minimal use of technology reduces any downtimes due to technical problems and also helps cut energy costs.

The Gentle *Revolution* in Swimming.

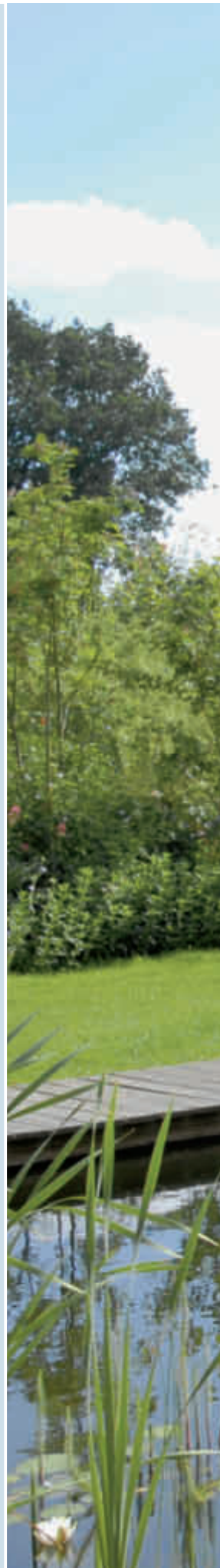
The QUALITY OF LIFE

A natural pool can be a valuable help in the quest for what really makes life worth living.

The natural pool is the ideal place to enjoy the quality of life you are seeking – be it relaxing with a good book, listening to birdsong, enjoying dinner and the companionship of close friends or simply having a great time splashing about in the water with your children or grandchildren. Pure, clean chemical-free water soothes both body and soul, turning everyday life into a source of joy.



“Dive in
and *Enjoy*”





The LIFESTYLE

What could reflect the character of a garden better than the style of its natural pool?

Peaceful, tasteful and classical? Or maybe a modern design after all? How about a pond with water plants or maybe a biological pool? Each natural pool project is individually designed to enhance the beauty of its setting, turning your garden into a work of art. Unrivalled diversity which is reflected in the more than 3500 natural pools throughout Europe. There are virtually no limits to your creativity – unless perhaps a minimum garden size of 200 square meters.

From the *Dream*
to the *Natural Pool*.



08 | 09
The
NATURAL
POOL



The
CLASSICAL
POOL



The
DESIGN
POOL

The NATURAL POOL

Timeless nature
combined with *soft and
attractive shapes* to create
a new *impressive whole*.

Construction Methods

The wall to the regeneration zone prevents the swimming area from becoming soiled through the pond substrate. The Biotop Natural Pool system offers three different kinds of dividing walls, which can all be combined with one another. Select the one you like best – you can't go wrong. The corner element construction method is patented by Biotop and was awarded the Austrian Eco Design Prize. The elements are made of recycled polyethylene which can even be recycled again.

Concrete Walls



The Equipment

Starting with no technical equipment

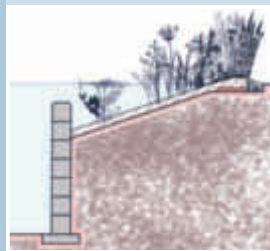
Characteristics:

- fluctuating water clarity
- natural water biology remains untouched
- low building costs
- higher maintenance
- no energy costs
- natural algae growth
- no mechanical water circulation

...Up to equipment such as pump, curved sieve skimmer, Carbonator and plant filter

Characteristics:

- very stable water clarity
- natural water biology is supported
- less maintenance
- water is warmed more evenly
- low energy costs
- low algae growth
- continuous mechanical water circulation



Concrete or Cinderblock Walls

Characteristics:

- precise geometric shapes
- vertical walls from top to bottom in the swimming area
- higher input in materials and costs
- self-construction is possible



Corner Element Construction

Characteristics:

- pre-fabricated components
- quick and easy construction
- attractive design
- swimming area can be shaped as desired
- wooden slats provide seating



Earth-Wall Construction

Characteristics:

- gently sloping shape of the swimming area
- economically priced
- larger surface area needed due to greater width of earth wall



Earth-Wall Construction



Corner Element Construction

The TECHNOLOGY



Customised
for trouble-free swimming enjoyment.

Submerged Pump House

Biotop offers a pump house with a completely new concept. The pump is not placed in a “dry” enclosure; a submersible pump is installed in a flooded pump house. The pump does not “suck” in the water but flows into the pump house without pressure.

A submersible pump on the floor of the pump house transports the water into the natural pool through pressure lines.



The advantages *of the submerged pump house:*

- minor pump noise
- the pump is so quiet it can be installed underneath the wooden deck
- pump does not have to be put away in winter
- pipes do not have to be emptied in winter
- all suction and pressure lines can be regulated independently

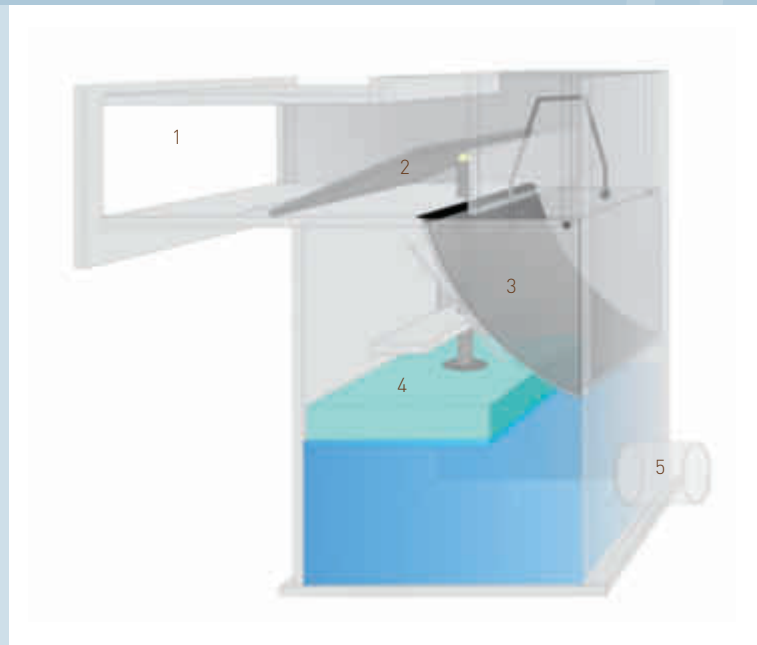
Curved Sieve Skimmer

The curved sieve skimmer is a milestone in skimmer development. The water flows over a curved sieve with a mesh size of only 0.3 mm, so that even slight impurities get caught in the sieve. The impurities are removed from the system before the nutrients they contain get back into the water. The sieve is self-cleaning, as the impurities are rinsed to the bottom. Due to a cleverly-devised mechanism, the water flow is regulated via a moveable skimmer that always allows exactly the right amount of water to flow over the sieve.

The advantages of the curved sieve skimmer:

- appropriate for minor impurities
- the sieve is self-cleaning
- despite the high cleansing factor, the sieve does not clog up

- 1 skimmer inflow
- 2 skimmer flap
- 3 catch tray with curved sieve
- 4 float gauge
- 5 line to pump house

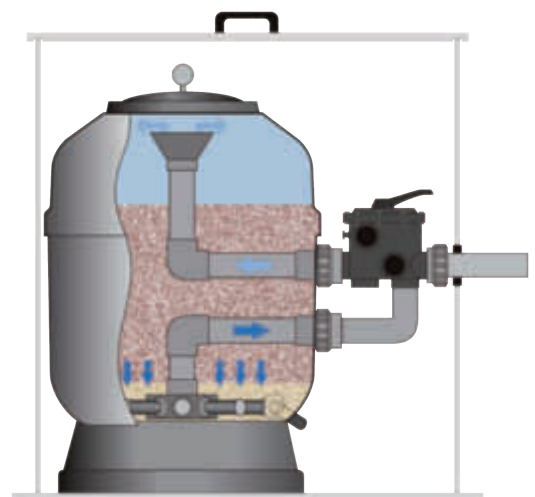


The Phosphorous Filter »PhosTec«

Without the use of chemicals the phosphorous filter “PhosTec” very effectively binds the phosphorous that is dissolved in the water and which is responsible for the growth of algae – essentially “starving the algae out”. The PhosTec Ultra can be built in optionally and put into operation if needed.

The advantages of the PhosTec Ultra:

- phosphorous is reliably removed from the water
- small size
- easy to operate
- the filter material can be changed easily
- good durability





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www.biotop-natural-pool.com

ORIGINAL B!OTOP

NATURAL
POOL



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