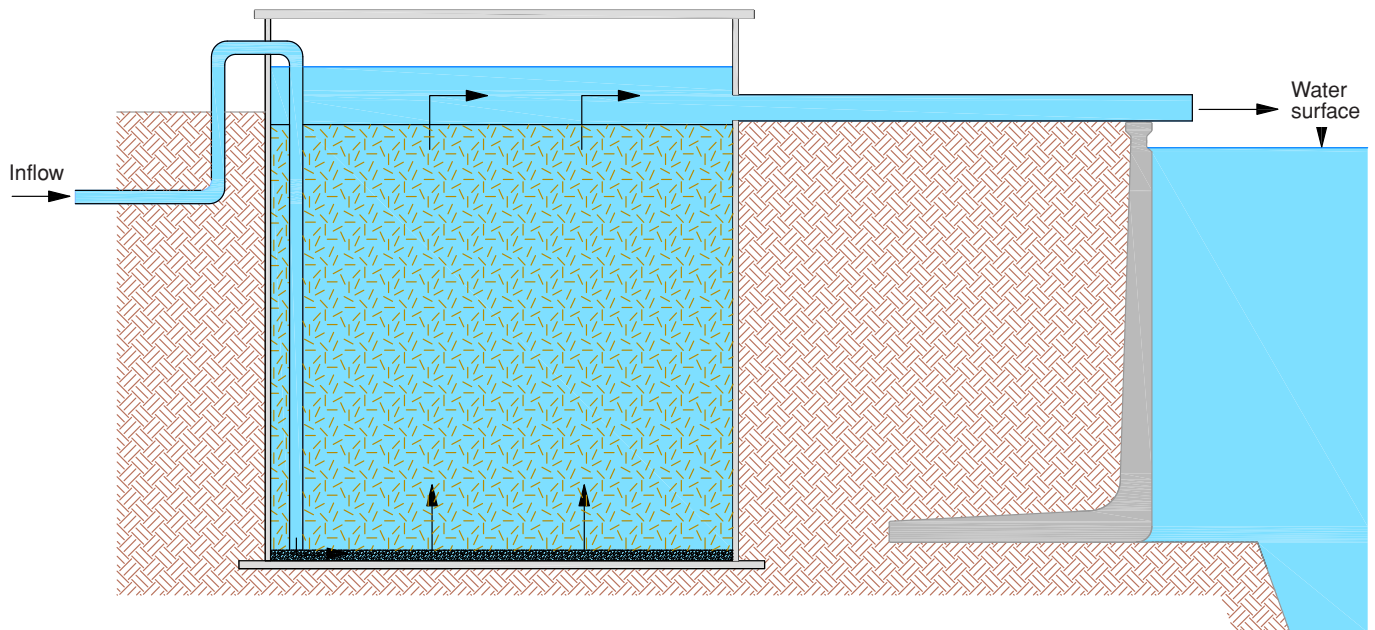


PHOSTEC . THE PHOSPHOROUS FILTER FOR TREATING FILLING WATER

Formerly, after filling the pool, nutrient-heavy filling water had to undergo a phosphorous precipitation process. Applying a binding agent demanded time and effort. With Biotop's new technology "PhosTec", the phosphorous-binding process can now take place while the pool is being filled. This consists of feeding the nutrient-rich water through the container filled with filter granules, which

bind the phosphorous efficiently. The limit of 10 µg/l (microgram per liter) of total phosphorous required by the German Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau e.V. (Landscape Research, Development & Construction Society) can be complied with easily. During the summer months the water is also fed through the "PhosTec" filter to compensate for any water evaporation loss.



The phosphorous filter "PhosTec" has numerous advantages:

- Easy to use
- The filling water can be treated the first time the natural pool is filled.
- Small size
- Can be installed quickly by the natural pool experts
- Possible to combine with an automatic water gauge
- No maintenance; the "PhosTec" filter does not have to be winterized.
- Long durability
- Filter material can be changed easily.

"PhosTec" is available in five different sizes with flow rates of 10 to 50 liters per minute. This makes it possible to choose the appropriate model for every pool, in order to allow a sufficient amount of water to fill the pool quickly. To dimension the pool we only need to know the pool's size, its volume and the total phosphorus concentration of the filling water.

We recommend that you have Biotop analyze your filling water or that you send us the information using the attached form. By means

of the results of the analysis and the size of your Natural Pool, Biotop will determine the most cost-effective model for you.

The "PhosTec" filter can be installed under the deck but can also stand freely outside the pool or can be sunk into the ground. To top up the pool automatically the "PhosTec" filter can be combined with an electronic water gauge.

Prices upon request.

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ORIGINAL BIOTOP

NATURAL
POOL

www.biotop-natural-pool.com

NATURAL POOL PHOSTEC DIMENSIONING

Project name

What is the water source
(e.g. well or tap water)?

Total phosphorous
Please insert the analysis value for the total amount of phosphorous. The detection limit of the laboratory test must be under 10 µg/liter (microgram).
The test result must be given as an exact figure.

Characteristics of the Planned Natural Pool

Total water surface (m²)

Total water volume (m³)

Sent by:
Name:
Address:
Telephone:
Fax:
E-Mail:

➔ Send to: Biotop Fax No. 0043/22 43/30 406-22

RESULTS

Recommended model

Filling time of the pool

Number of years until filter granules must be changed

Price (including VAT, plus postage)

.....
Date

.....
Signature, stamp (Biotop)