

OTHER USEFUL PRODUCTS FOR BLACKWATER TANKS



TORFIN COMPLEX • Peat extract

- a high-grade peat extract intended for establishing water conditions that facilitate breeding and reproduction of ornamental fish
- releases natural tannins and humic acids to create living conditions similar to those in which blackwater fish live
- accelerates the regeneration of epidermis, mucus coating and fins of the fish
- limits fish's rubbing against elements of equipment or decorations

TREATMENT: 10 ml / 100 l of water or until the water takes the desirable colour. Use after each total and partial change of water, after transportation and during acclimatization of fish to new conditions – the times when they are particularly susceptible to skin abrasions and cuts. May be used simultaneously with Querex, Ketapang Extract and Blacklarin. Torfin Complex does not work in hard water. To be used in soft and slightly acid water. It does not harm useful filtration bacteria. Available packing units: 50 ml.



QUEREX • Oak bark extract

- an oak bark extract for establishing water conditions that facilitate breeding and reproduction of ornamental fish
- adds to water natural tannins – organic chemical compounds classified as tanning agents, to create living conditions similar to those in which blackwater fish live
- encourages fish to spawn
- the hatch and survival rates of the fry increase as well
- accelerates the regeneration of epidermis, mucus coating and fins of the fish
- limits fish's rubbing against elements of equipment or decorations

TREATMENT: 10 ml / 100 l of water or until the water takes the desirable colour. Use after each total and partial change of water, after transportation and during acclimatization of fish to new conditions – the times when they are particularly susceptible to skin abrasions and cuts. May be used simultaneously with Torfin Complex, Ketapang Extract and Blacklarin. Querex does not work in hard water. To be used in soft and slightly acid water. It does not harm useful filtration bacteria. Available packing units: 50 ml.



BLACKLARIN • Blackwater conditioner

- conditioner with peat extract for treating tap water intended for aquarium use
- recommended particularly for starting new tanks with blackwater environment, during water changes, quarantine and convalescence periods in these tanks (refers to popular neon tetras, tetras, other characins, angelfish, discus and South American dwarf cichlids etc.)
- neutralises poisonous heavy metal salts
- protects fish against aggressive activity of tap water
- alleviates stress
- peat extract is the source of humic acids and tannins, which make the environment of the tank safe and healthy
- Blacklarin accelerates the regeneration of epidermis, mucus coating and fins of the fish

TREATMENT: 10 ml / 50 l of tap water. Always use in newly-filled tanks and after each total and partial change of water, after transportation and during acclimatization of fish to new conditions, when they are particularly susceptible to skin abrasions and cuts. May be used simultaneously with Torfin Complex, Querex and Ketapang Extract. Blacklarin is intended for medium hard and soft water. It gives water slightly amber tint. Does not lower the pH level. Available packing units: 50 ml.



The address of your shop:

Manufacturer:

TROPICAL Tadeusz Ogrodnik
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www.tropical.pl



Scannen Sie den QR-Code, um mehr zu erfahren.
Den Code finden Sie auch auf der Verpackung.

www.tropical.pl

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KETAPANG • BLACK WATER Blackwater tanks



passion&innovation

PROFESSIONAL AQUARIUM

KETAPANG • BLACK WATER

Blackwater tanks

Black waters are one of the most commonly recreated biotopes in the aquarium, mostly due to the worldwide popularity of fish that inhabit them in the wild such as angelfish, discus, neon tetras and many species of *Corydoras*, *Loricariidae* and South American cichlids. With Tropical products you can quickly and easily adjust water parameters to meet the standards of blackwater fish. Check the effectiveness of new products with Ketapang.

Tropical tip

If the water is soft or medium hard, you can condition it with Blacklarin, then add natural Ketapang leaves extracts such as Ketapang Extract, peat extracts such as Torfin Complex, or oak extracts such as Querex to introduce tannins and humic acids into the water. To strengthen the effect of fluid agents and prolong their action you can place Ketapang sachets with crumbled leaves in the filter or directly in the tank. Aquarium salt with Ketapang leaves extract and oak bark extract may prove useful when the condition of fish deteriorates.

For centuries the exceptional properties of Ketapang leaves had been kept secret by Asian breeders. This closely guarded secret allowed them to obtain numerous, healthy fry from picturesque and vigorous spawners. Dry Ketapang leaves release humic compounds, large amounts of tannins as well as alkaloids, terpenes, phenols etc. These substances inhibit the development and limit the concentration of bacteria, fungi and protozoa in the tank and do not affect biological filtration the way medicinal agents do. Tannins and humic acids also slightly lower the pH level. This way Ketapang helps to recreate parameters typical for soft, slightly acidic waters rich in tannins.

Ketapang leaves placed in the breeding tank protect the eggs from molding and improve hatching and survival rates. Due to its antiseptic (disinfecting) properties Ketapang proves useful when the risk of injuries is particularly high: after water changes, transportation and during acclimatization to new environmental conditions. Substances released from Ketapang leaves accelerate wound healing, the regeneration of mucus coating and fins. Ketapang effectively treats and protects against *Saprolegnia* infections in young and adult fish. Moreover, tannins and humic acids inhibit the development of undesirable blue algae.



Properties of Ketapang leaves:

- encourage fish to spawning
- lower pH level of water
- bactericidal properties
- fungicidal properties
- intensify fish coloration



KETAPANG EXTRACT • Black water preparation

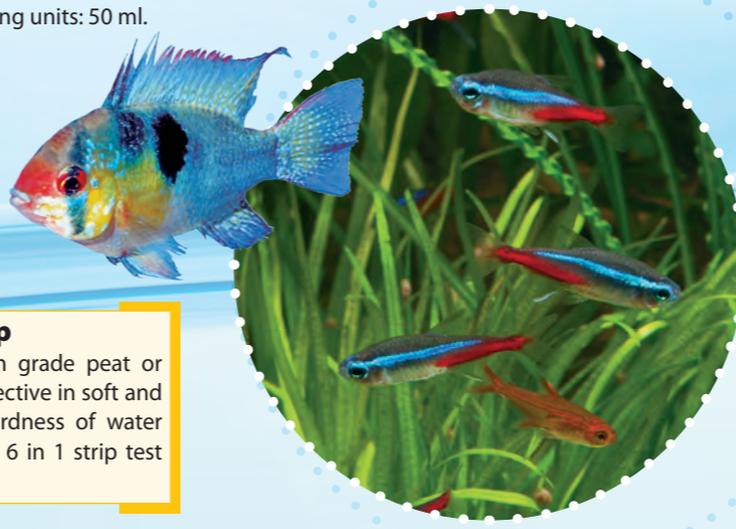
- a sea almond leaves extract (*Terminalia catappa*) for quick establishing water conditions that facilitate breeding of ornamental fish and shrimps
- valuable ingredients extracted from sea almond leaves, and prepared in the form of a liquid, affect the parameters of water immediately after application
- Ketapang Extract increases fish's resistance to diseases
- accelerates the regeneration of epidermis, mucus coating and fins, therefore it is recommended after water changes, transportation and during acclimatization of fish to new conditions – the times when they are particularly susceptible to skin abrasions and cuts

TREATMENT: 10 ml / 50 l of water or until the water takes the desirable colour. Use after each total and partial change of water, after transportation and during acclimatization of fish to new conditions – the times when they are particularly susceptible to skin abrasions and cuts. May be used simultaneously with Torfin Complex, Querex and Blacklarin. Ketapang Extract does not work in hard water. It does not harm useful filtration bacteria. Available packing units: 50 ml.



Tropical tip

Extracts from oak bark, high grade peat or Ketapang leaves are most effective in soft and medium hard water. The hardness of water can be quickly checked with 6 in 1 strip test or GH/KH droplet test.



KETAPANG • Water conditioner for freshwater aquaria

- dried and crumbled sea almond leaves (*Terminalia catappa*), stored in convenient sachets
 - Ketapang releases tannins, which naturally improve the quality of aquarium water and slightly lower the pH level, adjusting the parameters to resemble those of black waters
 - improves fish's resistance to diseases
 - accelerates the regeneration of epidermis, mucus coating and fins, therefore it is recommended to be used when changing water, transporting fish and introducing new fish to the aquarium since all those situations are likely to cause skin abrasion and cuts
 - in breeding tanks it protects the eggs against molding and improves hatching and survival rates
- TREATMENT:** 1 sachet / 150-200 l of water. Change the sachets after two weeks. Ketapang does not work in hard water. It does not harm useful filtration bacteria.



SANITAL PLUS KETAPANG • Aquarium salt for blackwater fish

- aquarium salt with Ketapang leaves (*Terminalia catappa*) and oak bark extracts improves sanitary conditions in common tanks, accelerates the regeneration of epidermis, mucus coating and fins, hence is particularly recommended during quarantine period in sanitary tank
 - tannins and humic acids from Ketapang and oak bark improve the overall condition of fish weakened by transportation, acclimatization to new living conditions, with damaged epidermis or wounds, after water changes and in new tanks where the risk of toxic nitrites is particularly high
 - with vitamin B₁ which has anti-stress properties
- TREATMENT:** common tanks – 10 g of salt (2 level teaspoons) per 50 l of water; sanitary tanks – 20 g of salt (4 level teaspoons) per 50 l of water. If necessary, due to fish's individual tolerance of salt, the dosage may be increased. It is recommended to observe the fish afterwards, and when bothering symptoms occur – partially change the water. Can be used together with Torfin Complex, Querex, Ketapang Extract and Blacklarin.

ATTENTION! This product does not substitute for agents intended for mineralization of distilled water and after reversed osmosis. To be used in soft and medium hard water. Gives water slightly amber tint. Does not lower pH level.