

Maxspect Nano Tech Bio Block

Call for Price: 011 826 5887



Short Description

Stabilized microbial sewage treatment technology. Ultra-high surface cross-cutting ratio & filtration area. Made of ceramic beads & is completely inert.

Description

With an ultra-high surface cross-cutting ratio and filtration area, each Bio-Sphere has up to 54m² surface area (580ft²) and each Bio-Block has up to 1,080.54m² surface area (11,635ft²) for the establishment of bacterial colonies, which allows it to effectively control the quality and stability of the water column.

With the use of stabilized microbial sewage treatment technology (W-BAF), the Bio-Spheres/Bio-Block have a unique advantage in the treatment of water column with high Ammonia-Nitrogen (NH₄-N) and high Nitrate-Nitrogen (NO₃-N).

The Bio-Spheres/Bio-Block excel at establishing bacterial colonies in forms of Bio-Nano Composite Films, it allows different species of bacteria and fungi to grow on its large surface area, such as nitrifying bacteria (including species of the genera Nitrosomonas, Nitrosococcus, Nitrobacter and Nitrococcus), yeast, phototrophic prokaryotes, etc.

The Bio-Spheres are carefully manufactured to ensure its quality, the well-designed porous structure of the Bio-Spheres create the ideal living conditions and environment for bacterial colonies, but will not be decomposed by the bacterial colonies that grows within it.

Only 10 pieces Nano-Tech Bio-Sphere can replace up to 20lbs (10kgs) live rocks.

Putting all Nano-Tech Bio-Sphere in mesh bag make it easy to maintenance and save

huge place for other equipments. It can be used in both fresh water and seawater environment.

The Bio-Spheres/Bio-Block should be cleaned or replaced every 6 months for optimal results, however when cleaning/replacing old Bio-Spheres/Bio-Block, DO NOT replace all of them at the same time. Clean/replace half of the Bio-Spheres/Bio-Block such that there are sufficient bacterial colonies remain to reestablish themselves in the newly cleaned/replaced Bio-Spheres/Bio-Block.

Product Gallery

