

EM Ceramics



Our filters with EM ceramics contain a uniform mixture (i.e. mixed and not layered) of the ceramic types shown on the pictures and described in the text.

With the help of microorganisms (lactobacillus, yeast and photosynthetic bacteria – and a series of high quality organic substances) all EM ceramics are fermented for at least 6 months during a special production process and afterwards they are formed with high quality clay into a plastic mass and baked at a temperature of up to 1300°C. The clay contains organic material from plants, which formed enzymes together with prehistoric microbes during a transformation process which took place millions of years ago. The mixture of Effective Microorganisms and high quality clays resulted in a particularly effective combination.

Exclusively natural substances such as tropical fruits, honey, soy beans and others are used for this before-mentioned fermentation process. Photosynthetic bacteria are the doers in Effective Microorganisms. They destroy waste products such as hydrogen sulphide, carbon dioxide or ammonia and reconstruct new substances through their digestive process. After this transformation process they excrete large quantities of nutrients such as amino acids, organic acids, polysaccharides, and vitamins C + E, which are all important for the growth and development of humans, animals and plants. Consequently photosynthesis bacteria are able to produce energy-rich substances from used substances low in energy. The final product is rich in antioxidants, minerals and bioactive substances.

Photosynthesis bacteria emit waves comparable to an electronic communication system such as radio, television or telephone. The most important feature of Effective Microorganisms is that they show the characteristics of magnetic resonance with a very high frequency and extremely low energy. Photosynthesis bacteria withstand high firing temperatures of more than 1200°C. In this fired form they are put into a kind of idle state and reactivated when brought into contact with water or other pure substances. According to the type of ceramics, different mixtures and temperatures are applied. The magnetic resonance waves are preserved through the firing process and thus continue to emit their special information to the environment.

For nature an antioxidant signal is transmitted and thereby oxidation is reduced or prevented, because the already existing stimulating microorganisms are activated. Purified water is an excellent medium, i.e. means of transport for the transfer of antioxidant signals. There is an interesting book on the subject of EM Ceramics: by Ernst Hammes and Gisela van der Hövel to be ordered under ISBN number 3-937640-31-2, explaining in detail the production process and functioning of EM Ceramics.

EM-M Ceramics (brown)

This ceramic increases the emulsification and dispersion capacities of water as well as a better dissolving power with other substances. Being an anionic ceramic, the water becomes slightly alkaline. It neutralizes oxidized (acid) components in the water, has an antibiotic and sterilizing effect and removes bad taste and smell from the water. Altogether, with the help of this ceramic the balance of ions in the water is stabilized.

EM-P Ceramics (pink)

It contains many inorganic minerals, disposes of a high thermal conductivity and dissolves nutrients so that they can be absorbed more easily by the body and metabolism is supported.

EM-K Ceramics (grey)

It contains many minerals due to its 7 different types of earth and a relatively high proportion of clay and loam. The firing temperature amounts to approximately 1300°C. This ceramic protects the water against microbial pollution (suppresses harmful bacteria). Due to the resonance waves and the existing magnetism the size of the water clusters is reduced and as a result the purified water can be better absorbed by the somatic cells. As the water runs through the ceramic or comes into contact with it, water gets a high surface tension which binds, reduces or removes toxic ions. Besides that, the taste of the water is enhanced. The crystalline structure (detectable through the hexagonal shape of the ice crystals in frozen state) of water is significantly improved.



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