

Magic Sand

Fine zeolitic rock sand, rich in minerals. Relieves thermal and water stresses of turf growing on sandy media.

Soil revitalizer and composter of organic wastes

BENEFITS:

- Enhances organic matter humification. Minerals are assimilated with the organic substance by the microorganisms
- Cools grass growing on sandy soils, regulating H₂O availability
- Increases roots elongation and quantity, improving evapotranspiration during heat stress periods
- Reduces irrigation frequency, retaining water for a long time and releasing it gradually to the plant
- Reduces the risks of diseases caused by frequent summer irrigations
- Returns minerals lost due to erosion, washout and conventional cultivations. Retains Ca, K Si, Mg minerals making them progressively available
- Produces a compost of excellent quality, speeding up the humification process

TECHNICAL FEATURES

Silicon (SiO ₂)	52.0%
Aluminium (Al ₂ O ₃)	17.0%
Calcium (CaO)	5.7%
Potassium (K ₂ O)	6.1 %
Magnesium (MgO)	2.0%
Iron (Fe ₂ O ₃)	3.6%
Trace elements	1,6%
Water (H ₂ O)	12.0%
pH: 6,9 - 7,1	
Cation exchange capacity: (CEC in meq/g): 2,5 (0,1)	
Bulk density: 0,91 kg/liter (oven dried product)	
Granular Size: fine sand (0,03mm - 0,135 mm)	
Silicate rock sand, 100% natural, rich in silicon, potassium magnesium and calcium. It is an Italian chabazitic zeolite with the highest cation exchange and water retention capacity in the world. Extraordinary turf thermoprotector for the construction and maintenance of new generation sports pitches growing in 100% sandy soils (natural and hybrids)	

APPLICATION METHODS

In sandy pitches and putting green construction: Offsite: mix in volume 10 % of Magic Sand Pro with 90% of sand (100 kg of Magic Sand every 1100 kg of sand). Distribute the zeolite-sand mix in the first 15-25 cm of surface.

As soil mineral revitalizer of lawns, vegetable and flower gardens: 400gr / m²; incorporate in the first 3-5 cm. of soil.

In potting soil preparation : mix a part of Magic Sand Pro with three parts of potting soil media

In composting: mix a part of Magic Sand Pro with four parts of organic wastes (every refilling). Add water.

PACKAGING:

20 kg bags and 500 kg (0,45 CM) Big Bags