

LAVA Mining & Quarrying
is a subsidiary of **HERACLES Group**,
a member of **LafargeHolcim**

It has a continuous presence since 1952 in the mineral industry in Greece, mainly in the domain of mining and trading of pumice stone. It operates a pumice stone quarry in Yali islet near Nisyros island, a gypsum quarry in Altsi, Creta island as well as pozolana and silica sand quarries in Milos island.

For more information please visit our website, www.lava.gr

agroLAVA
PUMICE SUBSTRATE FOR HYDROPONIC CULTIVATIONS

**The power of nature
in your cultivation**



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LAVA



The unique natural Greek substrate for hydroponic cultivations

The pumice stone substrate “agroLAVA” for hydroponic cultivations is the most effective solution for the modern farmer. The excellent growing behaviour and the increased crops offered in combination with its affordable cost, make it ideal for horticulture and floriculture crops.

The advantages of pumice stone substrate “agroLAVA” are proved in practice in the greenhouses all over the world. Modern farmers prefer pumice stone and rely on “agroLAVA” as the unique natural Greek hydroponics substrate.

The advantages of pumice stone substrate “agroLAVA”

- It presents reduced risk of soil-borne diseases compared to other substrates.
- Its structure is not degraded during cultivation, so it can be reused for several cultivation seasons.
- It is a completely natural material with no industrial processing.
- It presents an ideal balance of air/water at the roots of the plants.
- It is chemically inert and thus the nutrition of the plant is fully controlled.
- It is easily wetted when reused.
- It is recyclable.
- It has consistent quality and high purity thanks to the homogeneity of the pumice deposit.

LAVA pumice stone, an eco-material by nature

LAVA pumice stone is a chemically inert, porous volcanic rock, formed by the undersea volcanic eruption in the region of Nisyros. The porosity of the material is, due to voids, created by the escaping steam during lava cooling.

LAVA pumice stone as a natural raw material is completely environmentally friendly and has consistent quality because of the homogeneity of the deposit and the regular controls at all production stages.

“agroLAVA” is distributed in either planting bags (palletized) or big bags. The design of the planting bag was made in accordance with the specifications indicated by a group of scientists of the Agricultural University of Athens, in the context of a relevant research program. The bag effectively meets all the needs of the plants as well as it optimizes water and air to the roots during its usage.

