



Effetto Massa

Technical Data Sheet

Description

“Effetto Massa” is a specially designed non-polluting, non-corrosive and eco-friendly salt mix, which makes it possible to improve soil conductivity in earthing systems.

Sometimes, earthing systems have to be installed in low conductivity soils (poor ionic content) or where conductivity between the soil and the earth electrode (whether a rod, a plate or a mesh) is poor.

In this case, conductivity can be enhanced by using salts that increase the ion charge in the ground, resulting in improved conductivity between the earth electrode and the soil.

Our product “Effetto Massa” is the ideal solution to address this problem. It is a mix of different types of salt and hygroscopic elements, specially designed to enhance ground conductivity to a significant extent by withholding an appropriate amount of moisture in the soil.

Diluted in water and poured around the conductor in the earth, the product generates countless conductive paths, which seep into the ground and enwrap the electrode in its entirety.

“Effetto Massa” finds application in all types of soil: sandy, gravelly, clayey, fat clay, etc.

How to use this product

If you are using “Effetto Massa to diluite” i.e., the product in a dry version which has to be diluted:

Dilute the product with water in the following proportions:

In dry soils, 3 litres of water per 1 kg of product,

In moist soils, 4 litres of water per 1 kg of product.

When diluting the product, make sure that “Effetto Massa” is completely dissolved in the water, by stirring the solution thoroughly (you can use an electric mixer). Perform the dilution process by pouring the salts slowly into a container already filled with the required amount of water. Keep stirring for a few minutes until you have finished emptying out the bag and the product is completely dissolved.



If the soil is very dry, pour at least 10 litres of water into the soil surrounding the conductor and wait for the water to penetrate into the ground.

In clayey and/or impermeable soils, drill small holes into the ground to help the water penetrate deep down into the ground. Then pour in “Effetto Massa” diluted as described above.

If the soil is wet, just dilute “Effetto Massa” as specified above and pour it into the ground.

“Effetto Massa” does not pollute the ground, does not harm the crops, and does not corrode the conductors.

“Effetto Massa to dilute” (i.e., to be diluted) available product sizes:

Granules in 1 kg bags in 10 pcs. boxes.

Granules in 2 kg bags in 5 pcs. boxes.

Granules in 4 kg bags, 10 kg and 18 kg buckets.

Indications

Normally, a 4 kg bag of **“Effetto Massa to dilute”** is sufficient to moisten the ground to a depth of about 1.5 - 2 m.

Remarks

If the ground is exposed to heavy rainfall or intensive irrigation, you may need to add more product periodically, i.e., every 6-8 months, in the autumn and spring seasons.

“Effetto Massa” can also be used by mixing it with soil taken from the area surrounding the conductor: to this end, take some soil, mix it with “Effetto Massa” and put it back where it was before. Wet the ground with water.

Protect the product from light and moisture. Keep away from the reach of children. Do not ingest. Always handle the product with gloves.