

Bark, Mulch and Clay Pabbles

www.greenscape-ltd.com



GreenScape Company
Landscape & Geosynthetic Engineering



GreenScape
Company supply
your projects with
several types of
garden decorative
bark, mulch and
chippings in
different sizes and
colours to meet
your design
requirements.

Bark and Mulch

Landscapers know that using mulch around the landscape can provide numerous benefits to your garden plants. Not only can this be an attractive addition to the garden, but adding mulch can significantly reduce the amount of time you spend on routine maintenance. By blocking out light, mulch suffocates weeds; thus, knocking out your weeding chores. Mulch retains moisture as well, limiting the need for constant watering. During periods of heavy rain, mulch can help prevent soil erosion by keeping the soil firmly in place rather than allowing it to wash away. Furthermore, mulch aids in the prevention of soil splashing onto plants. Mulch helps to keep your plants cool during those hot spells and insulates plants in the cold months of winter. Best of all, organic mulches, such as bark or pine needles, can also improve the soil. As these types of mulches begin to break down, nutrients are slowly added to the soil, encouraging healthier plant growth and even beneficial insects, like earthworms.



Considering Kurdistan extreme climatic conditions using decorative aggregate for areas around small plants and short shrubs are not suitable in most cases due to the hot summer which is a factor to increase the temperature and through heat radiation it damages the short plants leaves, in this case the ideal solution is pine bark, mulch or hydroponic clay pebbles which have low thermal conductivities.





Decorative Mulch

Decorative mulch is an ecological product made from coniferous wood waste which has been dyed with dyes that neutral to environment and do not damage plants.

Decorative mulch is used to decorate green areas, gardens or squares. It possesses a lasting aesthetic colour that has increased resistance to various weather conditions.

Decorative Mulch Colours



We supply decorative mulch in 50 liters bags and in four different colours, orange, brown, red and yellow.



Orange



Brown



Red



Yellow



Pine Bark Mulch

Pine bark mulch, made of shredded bark from pine trees, is used in gardening. The mulch helps the ground and nearby plants retain moisture while keeping weeds at bay. Pine bark mulch is a pink or reddish brown, while other wood-based mulches are tan, red, dark brown or even black. It's typically all natural, as its inherent color means no dye is needed. Since pine bark mulch is large in size, it lasts for years as an attractive and useful landscape element.

It is better to use pine bark with weed guard for maximum weed protection as well as to reduce the bark mulch layer thickness and in this way you bring down the total cost.

Pine Bark Sizes



1-3 cm



3-6 cm



6-9 cm



10-15 cm



PINE BARK NUGGETS

- ✓ Pine bark, natural mulch for your yard.
- ✓ Ground and unground two types.
- ✓ Size range from 1cm to 15cm.

Pine Bark Colours



Dark-light Brown (Polished)



Natural Brown (Unpolished)







Garden Clay Pebbles

Lightweight Expanded Clay pebbles is a great growing medium for all plants. It provides excellent rainage as well as moisture retention. It can be used as a decorative mulch for plant areas and flower pots, in the case of planters and pots it uses either as bottom layer for drainage, or top layer for decoration or mix with peat to create substrate. It is a good alternative to decorative aggregate for areas with short plants under direct sun light, particularly in hot summer, because clay pebble is a good thermal insulator.

Clay pebbles also widely used in hydroponic growing and is pH neutral. The pores in the stones store water and release water when required therefore providing an excellent environment for root development. Ideal for roses, orchids and all types of fruits and vegetables.



Light expanded clay aggregate, also commonly referred to as "grow rock", is ideal for indoor hydroponic growth because of its neutral properties - Garden clay pebble has no acid or alkaline characteristics. Clay pebbles is the right product for creating lightened draining substrate green roof and vertical greening projects. In the mixtures with the cultivation soil, it assures lightness to the structure and a water and air reserve for the plants.



Clay Pebble Features



- ➔ High thermal Insulation
- ➔ Good sound Insulator
- ➔ It is fire resistance
- ➔ High non-decomposability rate
- ➔ Perfect Water absorber
- ➔ Natural: Clay pebbles does not contain organic substances, does not decompose, and is root-free and parasite-free.
- ➔ Easy to use: Clay pebbles can be kept for an unlimited time, without ever changing.
- ➔ Supplied in bags is easy to use, store, carry and dose.
- ➔ Specific pH: Clay pebble's pH value is between 6 and 7.



Clay Pebble Applications



GreenScape Supply clay pebbles in 50 Litres or 100 Litres bags and except of its natural colour, we have clay pebble with 9 additional colours.

Vase/Pot Plants

Clay pebbles in peat substrates limits excessive water retention, enhances drainage and increases the porosity for the air, an essential factor for the proper growth of roots and plants; a humid but not wet soil limits the formation of rotten roots and parasite fungus. Clay pebbles does not release any salinity and does not change the pH factor of the mixture, thanks to its low buffer power.

Clay pebbles does not turn yellow, does not pack down, doesn't change or decompose in time or due to humidity; it's aesthetically nice to see. The quantities for the clay pebbles mixture with peat or the already prepared peat substrate, must be chosen by the flower-grower according to the plant, the peat, the irrigation times used in the greenhouse. Generally it ranges from 20% (1 part of clay pebbles every 4 of peat) to 40% (2 parts of clay pebbles every 3 parts of peat).

Clay pebbles has a pleasant aesthetical appearance, and has become a must for plants cultivated in vases. The brownish round (not spherical) granules are a natural finishing for flower pots and flower arrangements. Clay pebbles is used to fill planter boxes and assures a constant temperature, drainage, humidity level and no maintenance, especially when the roots stick out of the vase.



Clay Pebble Applications

Green Roof & Vertical Greening

Clay pebbles is the right product for creating lightened draining layers for roof gardens and vertical gardens. In the mixtures with the cultivation soil, it assures lightness to the structure and water and air reservoir for plants.

Plants in Greenhouse Containers

The soil in the containers is subject in time to pressing due to its weight and the water. Adding clay pebbles permanently improves its porosity features for air and drainage, thus avoiding the suffocation of the roots and enhancing the overall result. Furthermore, the soil, with 20-30% of clay pebbles, reduces the excessive weight of the containers, yet assuring the necessary stability. It is also useful when moving plants from the container to the customer's garden. A layer of clay pebbles on the bottom of the hole assures drainage humidity so the plants take root better.

Hydroculture

Clay pebbles is the ideal substrate for hydro-culture. The minimum level of salinity released assures the inertia of the substrate, primary condition for the proper operation of the system. It is also lightweight and easy to handle, it has moderate water retention and excellent porosity for air. The shape and the different sizes of the grains are such as to “bound” well and assure a good support to plants, even tall and heavy ones.

Clay Pebble Colours



Blue



White



Orange



Green



Brown



Pink



Yellow



Gray



Brown



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