Cocopeat Briquettes

Cocopeat briquettes is an excellent medium to use for growing various types of plants as it is very strong yet biodegradable, and is pliable enough to press into different shapes and retain a damp content.

When it is moistened, a coco peat briquettes expands which provides better aeration.

Much used in greenhouses for bedding plants, any area that is suffering from soil erosion and excellent for home gardening.

It is ideal for landscapers use as it is a 100% natural product. Flowers grow well with coco peat briquettes, as do vegetables and fruits.

Specification

Weight	:	1.4 lbs. (650 grams)
Compression ratio	:	0.3340277778
Moisture content when packed	:	18% ± 2%
Water holding capacity	:	8 to 9 times
Dimensions	:	7.9 x 3.94 x 2 inches
pH	:	5.5 – 6.5
Electrical Conductivity (EC)	:	Low (< 0.7 ± .1 mS/cm) and High (> 0.8 mS/cm)

Why Green on Coco?

Quality is our habit so quality control is of significant importance to Greens Coirs. We always keep a close eye on the quality throughout the production process. We have our own logistics department to selectively procure coconut husks (raw material) from coconut farms who strictly meet our quality standards.

The raw materials are stored in a controlled ambience for a very short duration and then immediately processed to minimize natural bruising. The coco fibre and coco peat are dried under natural sunlight on clean concrete floors before compressed into bales and briquettes, respectively. Our manufacturing facility receives 300 days of bright sunlight in a year. We also have weed control processes in place to prevent any possible contamination.

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About

Greens Coirs is a family owned company that was formed in 2009 after extensive research and product development undertaken for over 15 years to the production of high-quality coir fibre, coco peat and other coir-based products. As the name suggests, we promote greener earth by producing eco-friendly products.

Greens Coirs envisions to become the pioneer manufacturer of eco-friendly coir, coco peat and coir allied products with little or no carbon footprint on the environment.

We continuously improve our manufacturing process and products to leave very low or no carbon footprint. Our coco peat manufacturing plant uses the latest technologies (partly developed through in-house R&D) and is one of the state-of-the-art facilities in Tamilnadu, India.

We work in close partnership with various sectors of the horticulture industries in India to develop products for vegetable and flower growers, greenhouse hydroponic production and many other specialist applications.

We are proud to offer not only quality proven coir products, but also extensive technical support to our customers.

Cocopeat Blocks

Coco peat, also known as coir pith, coir fibre pith, or simply coir dust, is made from coconut husks, which are by-products of other industries that use coconuts.

Coir waste from coir fiber industries is washed, Sun-dried, screened and graded before being processed into coco peat products of various granularity and densities which are then used for horticultural and agricultural applications and also as industrial oil absorbent.

Coco peat is normally used as a soil additive. Due to low levels of nutrients in its composition, coco peat is usually not the sole component in the medium used to grow plants.

When plants are grown exclusively in coco peat, it is important to add nutrients according to the specific plants' needs.

Normally peat with high electrical conductivity (EC) has excess salts in it when raw. To remove these salts it is treated with water and the run off water is checked for EC. These washed peats are termed as low EC peats.

Cocopeat Common Applications

- As a substitute for peat, because it is free of bacteria and most fungal spores, and is sustainably produced without damaging the environment caused by peat mining.
- Mixed with sand, compost and fertilizer to make good quality potting soil. Coco peat generally has an acidity in the range of pH - 5.5 to 6.5. It is a little on the acidic side for some plants, but many popular plants can tolerate this pH range.
- As substrate for growing mushrooms, which thrives on the cellulose. Coco peat has high cellulose and lignin content. Coco peat can be re-used up to three times with little loss of yield. Please note that coco peat from diseased plants should not be re-used.
- Being a good absorbent, dry coco peat can be used as an oil absorbent on slippery floors.
- Coco peat is also used as bedding in animal farms and pet houses to absorb animal waste so the farm is kept clean and dry. Coco peat is hydrophilic unlike sphagnum moss and can quickly reabsorb water even when completely dry. Coco peat is porous and cannot be over watered.

Specification

Weight	:	5 kg ± 50g
Dimensions	:	30 cm × 30 cm × 12 cm
Compaction ratio	:	5:1
Moisture content when packed	:	18% ± 2%
Water holding capacity	:	58 – 62%
Nutrients	:	Na, K, Ca, P, Cl (Tested by flame photo meter)
Ageing time	:	> 6 months
pH	:	5.5 – 6.5
Electrical Conductivity (EC)	:	Low (< 0.7 ± .1 mS/cm) and High (> 0.8 mS/cm)
Average Air Filled Porosity	:	28 – 30%
Volume out-turn	:	15 – 17 litres per kilogram of coco peat
Colour	:	Brown to Dark brown
Texture	:	Coarse with a medium fibre content