



Unleashing Nature's Potential

Technical Data Sheet

Product code and Product

PRODUCT NAME	EASY GROW PREMIUM FIBER®
PRODCOT CODE	COIR60010101

Product

Coco Fiber or Bristle Fiber is a course fibre extracted from the fibrous outer shell of a coconut. The coir fibre is relatively waterproof and is one of few natural fibres resistant to damage by saltwater. There are two kinds of coconut fibre based of their colours.

Fibber is produced by coconut that harvested after about ten to twelve months on the plant, contain pliable white fibres. Brown fibre is obtained by harvesting fully mature coconuts.

The fibrous layer or husk of the coconut fruit is separated from the hard shell by driving the fruit down on to a spike to split it. Put the husks in to De-husking machines (husk buster) which crush the husk to give the loose fibres.

The stiff, straight and long strands of fibre are termed bristle fibre or brush fibre. The basic grade of bristle fibre is known as 1 Tie fibre. This is then further hackled and classified into 2 Tie and 3 Tie based on the length of strands and the general condition of fibres.

Product Advantages

- The stiff, straight and long strands of fibre are termed bristle fibre or brush fibre. The basic grade of bristle fibre is known as 1 Tie fibre. This is then further hackled and classified into 2 Tie and 3 Tie based on the length of strands and the general condition of fibres.
- The fibrous husks are soaked in pits or in nets in a slow-moving body of water to swell and soften the fibres. After soaking, the fibrous husks then processed into decorticator machine to crush them again until all the husk separate became loose fibres. The fibres are sifted by screener machine to remove coir dust and other foreign matter, then dried with sun drying and pressed into bales.
- Coir fibre is used in floor mats and doormats, automobile dashboard, brushes, mattresses, and for use in erosion control on riverbanks and hillsides as geotextile. Coir Fibber pads are sprayed with rubber latex which bonds the fibres together (rubberized coir) to be used as upholstery padding for the automobile industry in Europe. The material is also used for insulation and packaging.
- We supply in cut, waxed, bleached, white, Black, fine grades as well.

Product Application

- Production of Coir Twine
- Brush and Tawashi Industries
- Potting Mixes/Growing Media
- Manufacture of special filters
- Solidification of the structure of fiber mixtures in the mattress manufacturing



Product Usage

Coco coir comes from the fibrous coconut husks inside of coconut shells. This strong and useful by-product is sourced to produce a number of different products. Among them are:

- Upholstery stuffing
- Plant basket liners
- Doormats
- Brushes
- Ropes
- Rugs

Coco coir is an extremely durable, rot resistant, fibrous material making for an excellent material to use in producing products with plenty of exposure to water and/or used outdoors.

Storage and Disposal

Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible materials: Strong acids, strong bases, strong oxidizers.

Disclaimer

Whilst the information contained in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information.

Contact Us

**ECO HORTICULTURE PRODUCTS LIMITED.,
CHARDBURN HOUSE
WEIGHBRIDGE ROAD,
MANSFIELD,
ENGLAND,
NG18 1AH,
UNITED KINGDOM.**

T: +44 (0) 1623 759 060

E: enquiries@growgreen-eco-solutions.com