

## **PRODUCT TECHNICAL SHEET      STERILIZED 50/50 COCO CRUNCH**

**Composition:** A product obtained solely from the processing of the stabilized coconut husk, not chemically treated, 100% natural, eco-compatible and eco-renewable material, allowed in organic farming.

Washed, dried and sterilized material characterized by an excellent chemical and physical stability and resistance to degradation.

### **Mix Volume Ratio (± 5 %):**

Pith	40%
Fiber	50%
Chips	10%



### **Chemical properties:**

Electrical Conductivity:  $\leq 0,5 \text{ mS/cm}^*$

pH: 5,8 – 6,2\*

### **Physical properties:**

Average humidity:  $\leq 18 - 20 \%$

Organic matter (% weight): 96 - 98 %

Bulk density: 75 - 85 Kg/m<sup>3</sup>

Porosity (pore volume fraction): 90 - 95 %

Dried and sterilized product: saturated water vapor 120°C= 248° F  
hot air 550 °C= 1022°F

Granulometry: 1 – 25 mm

Foreign bodies (sand, soil, stones, seeds, etc.): absent

Pneumatically dedusted; particles < 0,5 mm: < 5 %

\* (test method: extraction in demineralized water 1:1,5 in volume)

\*\* (hygroscopic product subject to variations of humidity, weight, and volume)



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**Subject:** Production of coconut coir and fiber for growing media

We hereby inform you that the company La Mundial De Coco Srl produces coconut coir and fiber according to formulae that are registered in our quality system.

Our products are free from pathogenic nematodes, Phyto-parasites that are dangerous for crops, production takes place with the use of raw materials "not from protected areas".

The raw material used in full compliance with the criteria for ecological quality does not fall within the places classified as sites of community importance (SCI) or from geographical areas identified in the Natura 2000 network.

The reference in question, pursuant to REACH and Directive 1999/45 / EEC and subsequent amendments, is not considered to be dangerous goods.

**Simple non-composted vegetal soil improver**

**Humidity: 40%**

**pH: 5,8-6,2**

**Carbon (C) of organic origin on a dry basis: 48%**

**Nitrogen (N) organic on a dry basis: 3,45%**

**Salinity:  $\leq 0,5$  dS/m**

**Granulometry: 1 - 25 mm**

**Allowed in organic farming**

**Raw materials: 100% Cocos Nucifera**

**Sterilized: Phytosanitary Certificate by the Ministry of Agriculture.**

*"The product is guaranteed for Ethics in the processing and sales process: No child has worked in the production chain. Manufacturing, packaging, and distribution are carried out with the exclusive use of adults "*

The above information was obtained through our knowledge, agronomic elements firmly established today, constant quality controls and collaboration with our customers, however, we reserve the right to introduce changes if variations are found. La Mundial de Coco SRL cannot be held responsible for any adverse consequences derived from any improper use of this product.

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### **Applications:**

Optimal for the preparation of soils for professional, used in mixing with peat and / or other soil improvers, it can also be used as such as a substratum of cultivation (after chemical stabilization) and mixed with coconut pith to produce totally natural growing media not containing peat. Ideal for the use in the cultivation of shrubs and trees, perennial plants, potted plants, flowers, and vegetables.

The use of this material with a minimum share of 30% of fiber provides an effective draining and oxygenation action (thanks to the microtubular structure of the fibers that do not absorb water and work as an oxygen tank), as well as allowing a homogeneous horizontal distribution of the irrigation water and a rapid drying of the upper part of the growing media container.

**Please note: the product must be processed and fertilized before use according to the cultivation.**

**Production variants:** We offer, on request, refining of the fiber and dedicated analysis of the mix used for specific professional cultivation and nursery mechanization applications (e.g. potting machines).

### **Packaging:**

Container load 40"HC:

Pallett: N.20

Weight: 1000-1100 kg/ pallet; 20,000-22,000 kg/container

Unloading tip-up container: 24,000 – 26,000 Kg

Description: 2 Jumbo Presses / pallet (110x105x115 cm):

a) Palletized or without pallet (for tip-up unloading)

b) Packed with rope

c) Addition of UV stretch film (on request)



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