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BIOTEX WC100

Weed Control System

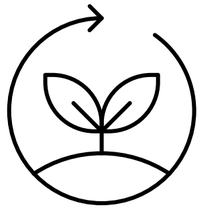
DESCRIPTION

BIOTEX WC100 is an innovative, high-performance, natural fibre, non-woven, staple fibre, needle-punched geotextile to be used as a weed control medium in agriculture, horticulture and landscaping. The main functions of BIOTEX WC100 are **Weed Control (WC)**. BIOTEX WC100 is a white geotextile which reflects the maximum UV light, reduces surface temperature and evaporation and increases moisture retention capacity which helps to encourage and sustain plant growth, compromising weed growth. BIOTEX WC100 improves growing conditions in a natural cycle without having to introduce any chemical treatments. BIOTEX WC100 biodegrades naturally into the ground without the need to remove and dispose. BIOTEX WC100 contributes to the reduction of carbon dioxide in our atmosphere, increases habitat creation and encourages flora, fauna biodiversity.

THE ADVANTAGES

BIOTEX WC100 is a bamboo fibre geotextile for use in weed control.

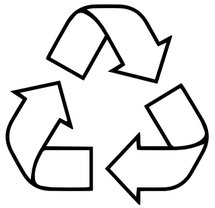
A high-performance natural fibre, non-woven, staple fibre, needle-punched geotextile to be used as a weed control medium in agriculture, horticulture and landscaping. BIOTEX WC100 is composed of natural UV & light protected, antimicrobial, high tenacity, thermally stable, random staple bamboo fibres, providing high strength and excellent abrasion characteristics. With a small pore size and good permeability, BIOTEX WC100, maximizes drainage capacity, while preventing migration of fines.



100%
Sustainable



100%
Renewable



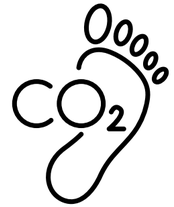
100%
Recyclable



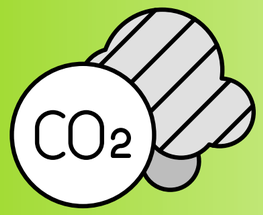
100%
Biodegradable



100%
Harmless



Near Zero Carbon
Footprint



Reduction

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BS_WC100_V1_191225

MORE ADVANTAGES

- Non-petroleum based.
- No chemicals needed.
- Superior weed control system, even against the toughest weeds.
- Allows air, water and nutrients to reach the soil and roots.
- Increases planting success and quality rate.
- High tenacity, thermally stable fibres.
- Contributes to the reduction of carbon dioxide in our atmosphere.
- Biodegrades in soil by micro-organisms and sunlight, once planting is established.
- 36 month minimum service life-cycle (dependent on physical, chemical and biological conditions and exposure).
- Totally biodegradable packaging system.
- No need to remove and dispose.
- Easy and quick to install.

APPLICATION



Agriculture, Horticulture & Landscaping



Planting beds & Tree Pits



Hedges

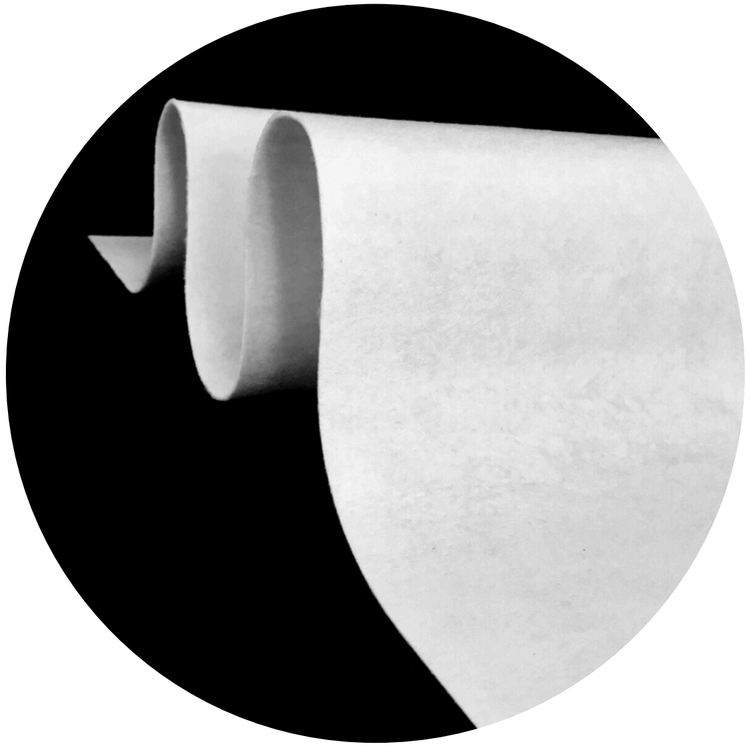


Pond Edges & Lakes



Slopes

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BIOTEX WC100 controls weed growth.

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TECHNICAL DATA

Property	Test Method	Unit	Mean Value/SD
Function			Weed Control (WC)
Mass Per Unit Area	ISO 9864:2005	g/m^2	100
Roll Width		m	1.0/2.0
Roll Length		m	100/100
Roll Area		m^2	100/200
Gross Roll Weight		kg	10/20

PACKING AND IDENTIFICATION

BIOTEX WC100 is supplied on cardboard cores and boxed in cardboard cartons with identification labels.

ROLL SIZES

1m x 100m
2m x 100m

INSTALLATION

BIOTEX WC100 can be installed onto any prepared ground surface. Roll out BIOTEX WC100 by hand or mechanical applicator on to the prepared ground surface. Overlap the fabric to best restrict weed growth. Fix BIOTEX WC100 into position using BIOFIX bamboo fixing pegs or steel ‘J’ pins, at a rate of 4 per m^2.

QUALITY CONTROL

A Quality Management Systems (QMS) according to ISO 9001:2015 and BS EN 15381:2009 (pending) is used with the objective to achieve complete customer satisfaction. An internal laboratory leads the quality control procedures for the range and for the development of new products. Random testing and cooperation with UKAS and other accredited laboratories are a guarantee of an optimized quality control system.

The values and tolerances given are obtained at manufacture and at accredited testing institutions. The information given is to the best of the Company’s knowledge true and correct. BIOTEX WC100 is a UKCA (pending) marked product.

STORAGE

Rolls of BIOTEX WC100 shall be stored on dry, stable, level ground and stacked no more than 10 cartons high. No other materials shall be stacked on top. The rolls can be stored outdoors when packaged but must be kept dry. All materials must be stored in accordance with good health and safety practices.

ADDITIONAL INFORMATION

Reported values are arithmetic mean values, unless otherwise stated. A set of test results shall be those results derived from specimens cut from one sample and taken across the full width of a roll. For sampling, ISO 9862 should be applied. Standard Deviation (SD) is a measure used to quantify the amount of variation or dispersion of a set of data values.

MANUFACTURE

ISO 9001:2015
Made in China.

AMENDMENTS

The Company reserves the right to amend this document at any time, without notice.

DISCLAIMER

Inasmuch as the Company has no control over installation design, installation workmanship, accessory materials, or conditions of application, the Company does not warrant the performance or results of any installation or use of BIOTEX WC100. This warranty disclaimer includes all implied warranties, statutory or otherwise, including the warranty of merchantability and of fitness for a particular purpose. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product for the particular purpose desired in any given situation.


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systems