

WOOD FIBER MULCH

Pure fiber

MULCH is a 100% wood fiber for hydroseeding use and erosion control.

When the MULCH is applied on the soil's surface through the hydroseeding process, the fibers form a protective coating. This coating helps to control erosion and keep the seeds in their correct position, offering a microclimate for a better germination.

MULCH doesn't have fixer/tackifier into its composition that's why it should be mixed to the fixers during the preparation in the tank.

During the manufacture of MULCH, the wood chips pass through a shredding process in high pressure and temperature (180 Celsius degrees), producing long, clean and sterile wood fibers.

A green pigmentation is added to the fibers during the fabrication allowing its visibility during the procedure. This way, the application will become more uniform on the soil's surface. The green dye used in the fiber isn't toxic to the animals or to the environment in general.

The wood fiber MULCH is compacted and sealed in plastic bales. Each one weighs 17kg and measures 0,42m x 0,34m x 0,62m.

Each bale must be diluted into around 400 liters of water in a specific hydroseeding equipment with a mechanical blade mixer.

The wood fiber mulch developed and manufactured by VERDETEC, when used with the VERDEMAX Tackifier increases the water retention 22 times its weight in water (2.200%). It is worth pointing out that into this water of the hydroseeding, normally is added nutrients and substances beneficial to the vegetation growth.

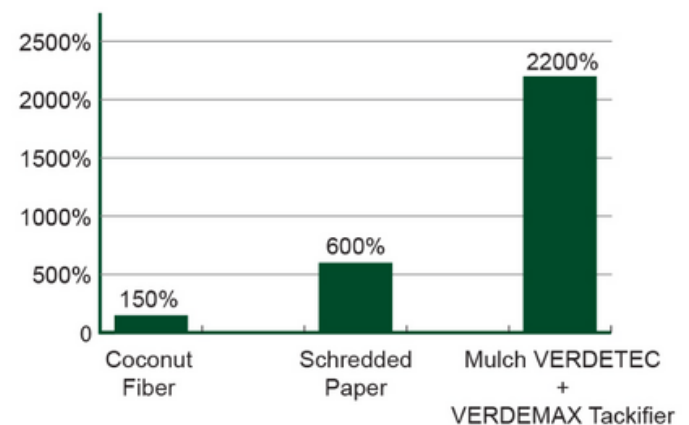
TECHNICAL DETAILS

Humidity Content	15% +/- 5%
Organic Material	99,3%
Ashes Content	0,7%
PH at 3% Concentration	5,5 +/- 0,5

ENVIRONMENTAL CONSIDERATIONS

Functional Longevity	Observed	Up to 6 months
Ecotoxicity	ABNT	>100%

WATER RETENTION



PRODUCT'S COMPOSITION

Termo-mechanically processed Wood fiber

100%

*Thermo-mechanical treatment for dehydration and elimination of pathogenic germs and fungus.