

Xylit Fibre Blanket

Erosion Control Blanket

Sustainability in landscaping



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...the new generation of erosion protection

PRODUCT INFORMATION



Product Name: **Xylit Fibre Blanket**
Sustainability in landscaping

Description: Xylit derives from the Greek word xylon which means wood. Xylit is a wooden fibre, that is found in brown coal. The xylit ratio is approx. 10-15 %, those immense quantities were not used so far except for burning. Considering the characteristics of xylit fibre as listed below, it shows that it can be very well applied in areas of landscaping, road construction and agriculture.

Characteristics:

- ⇒ High water retention
- ⇒ Mold resistant and odorless
- ⇒ High cation exchange
- ⇒ Xylit stabilises the vegetation establishment permanently
- ⇒ Phytohormone and humic acid enhance an intensive plant growth
- ⇒ High pollution bond
- ⇒ Compact and very flexible fibres, resistant towards biodegradation
- ⇒ Root reinforcement
- ⇒ Stores water in the soil hence there is a better supply for the plants with water
- ⇒ Nutrient availability



Application Areas: To provide a sustainable erosion protection it requires a fast establishment and reinforcement of the vegetation. Erosion control blankets made out of xylit fibres enhance the fast growth and development of the roots, ensure a good plant growth and a fast establishment on the site. Due to the fact that xylit has water retaining characteristics, the rainwater is stored at the roots. It is proven, that there is less evaporation when the soil is covered with a xylit fibre blanket. Furthermore xylit has a high pollution bond, which makes it interesting to be applied on pollution impacted soils. As xylit takes the pollutant out of the soil and provides a long-lasting fixation.



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