



GREENFIELDS

W A T E R L O G S



W A T E R L O G S

Today, the application of plants as "living building material" is becoming more and more important. Living spaces for plants and animals can only be protected and renewed by natural ways of building. Our finished **GREENFIELDS** Geotextile Waterlogs are made from growing raw materials, produced in an environmentally friendly manner and ensure a stable vegetation layer that protects shorelines against the destructive power of water.

In the area of hydroengineering fascines have been well established building elements in various forms. The **GREENFIELDS** Geotextile Waterlog is a ready-made building element for managing changes in stream flow velocity, for proving channels, stabilizing shorelines or as a natural planting medium for vegetation. All our **GREENFIELDS** Waterlogs are made of 100 % coir fibre and may be bound by coir netting to give a totally biodegradable material lasting 4 to 10 years. They can be easily installed, connected one to another and over time will blend naturally into the aquatic environment.

THE ADVANTAGES

- ▶ Immediate protection of the shoreline
- ▶ Securing of the mean annual water level
- ▶ Protection of the base of the bank
- ▶ Fast repair of scourings
- ▶ The embankment remains water permeable
- ▶ Lasting and flexible securing of the bank
- ▶ Quick and simple installation
- ▶ Adapts to any ground structure

GREENFIELDS Geotextile Waterlogs are installed at the mean annual water level and fixed with wooden stakes. Suitable plants of the shore or reeds zones can be inserted into the top part of the Waterlog. The installation of the Waterlogs can be done at any time of the year. However, planting should only take place outside the growing period.

The Installation of **GREENFIELDS** Geotextile Waterlogs ensures a fast repair of scourings, undermined protection structures or an embankment coppice. It also serves as transition to bordering areas.

Depending on the application they can be

- ▶ stacked in several layers
- ▶ strung together to form a shoreline chain
- ▶ installed in combination with coir geomat or
- ▶ fitted transverse to the flow of the river on a layer of brushwood which juts out into the stream



Material: Netting: machine twisted coir yarn with non-slip knots or UV-resistant polypropylene netting

Filling: 100 % coir fibre

Length: variable from 2 to 6 metres

Diameter/weight per metre:

20 cm/approx. 4 kg

30 cm/approx. 9 kg

40 cm/approx. 16 kg

