



1983  
2023

# FullService

GREEN SOLUTIONS

*Systems, products and know-how  
for a better environment.*



**THE COST-EFFECTIVE AND EFFICIENT  
ALTERNATIVE TO TOPSOIL ON SLOPES**



# HydroTer®

THE COST-EFFECTIVE AND EFFICIENT  
ALTERNATIVE TO TOPSOIL ON SLOPES



HYDROTER spray applied on quarry slopes



Thanks to more than 30 years of solid experience in the field of erosion control, particularly in hydroseeding and revegetation, FULL SERVICE GREEN SOLUTIONS has increased its range of products by introducing its brand new and cost-effective alternative to topsoil, HYDROTER.



**HYDROTER** is specifically designed to provide a blend of essential nutrients that improve poor soils. In fact, soils and substrates associated with sites denuded by construction, mining, quarrying and other activities are inherently lacking in organic matter, nutrients and biological activity which essential for sustainable vegetative establishment.

Usually, these sites should be covered with several centimeters of rich, fertile soil (topsoil) to help develop a growing medium.

However, there is simply not enough suitable or reasonably priced soil to improve the inhospitable conditions of such sites.

**HYDROTER** is specifically designed as an alternative to topsoil: it accelerates the development of impoverished soils or substrates with low organic matter, low nutrient levels and limited biological activity.

**HYDROTER** allows soils to release their maximum potential for vegetative establishment for more effective erosion control.

## ADVANTAGES OF HYDROTER

- ✓ **HYDROTER saves time and money** where the cost of topsoil is prohibitive.
- ✓ **HYDROTER** can be used on challenging sites with difficult access.
- ✓ **HYDROTER** can be used **WHERE TOPSOIL PLACEMENT IS NOT POSSIBLE**.
- ✓ **HYDROTER** is an **excellent option** where soils are too wet or impossible to dig, difficult to transport and to be spread.
- ✓ **Quick and easy loading and application.**
- ✓ Can be sprayed with **hydroseeder** with optimal performance.
- ✓ Application of **HYDROMAT MFL** system on **HYDROTER** will provide **perfect erosion control**.

**HYDROTER** is non-toxic and is composed of wood fibers that are phytosanitized to eliminate potential weeds and pathogens and a mixture of humic substances, amino acids, bio-stimulators, mycorrhizae all derived from renewable sources.

# Converting poor soil into soil suitable for vegetation? With HYDROTER you can do it in a **sustainable way**.

**HYDROTER** is made out of RE-CYCLED products and does not harm the environment in any way: it is produced in a sustainable way avoiding the exploitation and displacement of existing soil, which remains where it is in nature.

In nature, in fact, sustainable vegetation is obtained through the long biological process of decomposition of organic matter in the soil that provides nutrients that plants need to grow the so-called "cycle of nutrients".

Unfortunately, too many attempts at erosion control and revegetation fail due to soils

lacking in organic matter and biological activity.

**HYDROTER** contains key biological elements to kick-start vigorous vegetative activity by allowing proper root development and vegetation establishment while initiating the nutrient cycle necessary for regeneration of depleted soils.

## Using HYDROTER: **all the tips**

On slightly sloping terrain where the erosion potential is lower, **HYDROTER** can be applied alone by hydroseeding together with seed and fertilizers.

Full Service Green Solutions will recommend the most proper solution and products depending on the specific situation and problem to be solved.

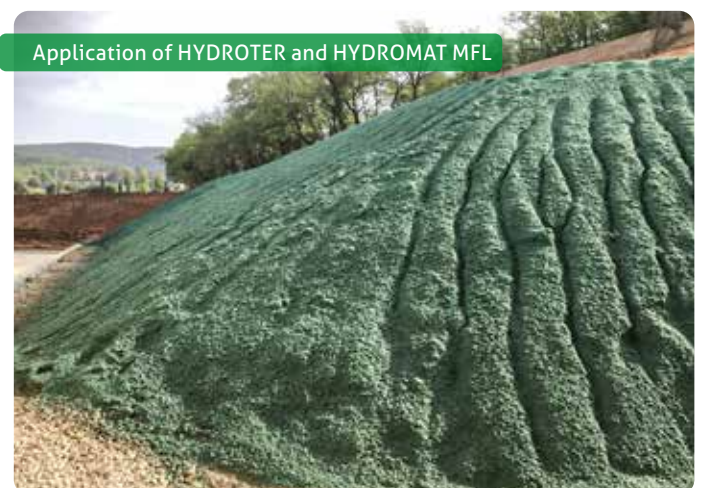
In the case of steeper slopes or where the erosion is higher, in combination with **HYDROTER**, the application of our HYDROMAT MFL (Bonded Fiber Matrix) will provide perfect erosion control with increased functional longevity.

**HYDROTER** represents the best and most cost-effective alternative to topsoil on the market.

The application quantity depends primarily on the nutrient content and the gradient of the slope.

ORGANIC MATTER %	SLOPE GRADIENT	HYDROTER APPLICATION RATE
< 5 and ≥ 1,5	≤ 4H:1V	450 g/m <sup>2</sup>
< 1,5 and ≥ 0,75	> 4H:1V e ≤ 3H:1V	500 g/m <sup>2</sup>
< 0,75	> 3H:1V e ≤ 2H:1V	550 g/m <sup>2</sup>

*If site conditions are difficult*, the combination of **HYDROTER** and **HYDROMAT MFL** will provide a perfect erosion control





# HydroTer<sup>®</sup>

## THE COST-EFFECTIVE AND EFFICIENT ALTERNATIVE TO TOPSOIL ON SLOPES

**Cost savings and environmental benefits using HYDROTER**

As an alternative to topsoil, **HYDROTER** can provide incredible cost savings and countless environmental benefits. 65 trucks, in fact, is the huge quantity needed to transport the topsoil needed to cover 1 hectare of surface with 10 cm (about 15 cubic meters per truck) and 4 days the working time with excavator.

On the other hand, 5000 kg of **HYDROTER\*** provide the same amount of organic components and nutrients for the soil: 10 hydros seeding machines of 6000-liter capacity with volumetric pump and only 1 working day will be enough for the application.

Unlike topsoil that has to be removed from agricultural areas, all **HYDROTER** components are of natural derivation and come from renewable resources, designed to optimize the growth and establishment of vegetation.

**HYDROTER** is brought to the site in convenient bags and applied by hydroseeding **avoiding the traffic of heavy vehicles that further damage the environment with emissions and unnecessarily clogging roads and highways.**

\*It is recommended to carry out an analysis of the soil to determine the agronomic needs. Depending on the test results, it is recommended to apply HYDROTER fertilizers, pH neutralizers.

x65



x10



FOR MORE CHALLENGING SITES:

**BIOVER SYSTEM = HYDROTER + HYDROMAT MFL**

HYDROTER



HYDROMAT MFL



BIOVER SYSTEM RESULTS



**FullService**

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