



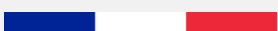
**PRESERVING
OUR WATER
RESOURCES**



MP REMEDIA.

DEPOLLUTING GEOTEXTILES

Made in France



La Région
Auvergne-Rhône-Alpes

Preventive devices against the risks of
pollution by heavy metals and hydrocarbons

For a **greener** world

The **MP REMEDIA** is an innovative, preventive and environmentally friendly solution for filtering and purifying runoff and infiltration water to protect groundwater and preserve the environment from hydrocarbon and heavy metal pollution. Composed of two layers of geotextiles containing high-performance active ingredients, the **MP REMEDIA** is positioned between two layers of material like a conventional geotextile.

How does it work

MP REMEDIA is the only products on the market that incorporate microspheres which release their natural active ingredients very gradually and sustainably within the geotextile. This technology ensures exceptional preservation and effectiveness of the active ingredient, naturally eliminating hydrocarbon and heavy metal pollution.



MP REMEDIA combines the effectiveness of our geotextiles with the natural properties of fungi to trap and break down pollutants

The +

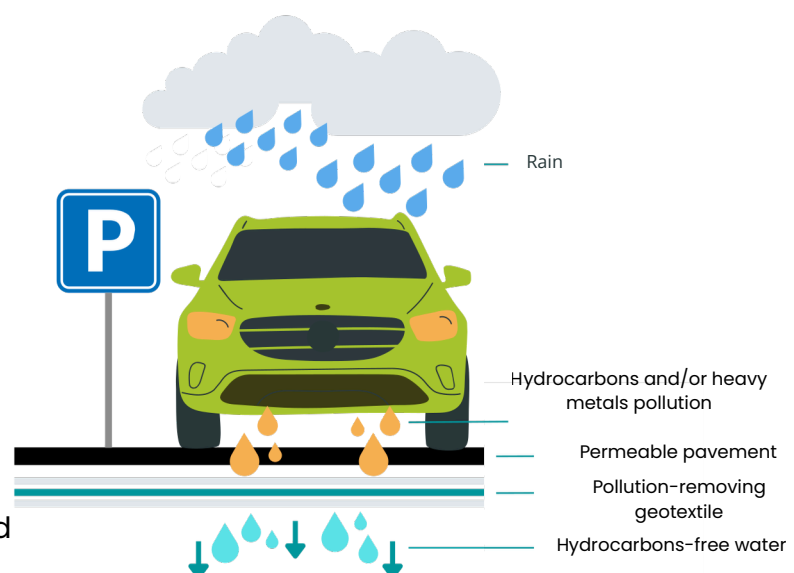
Manufactured at our factory in Bourg de Péage in France, our product can be customized to your requirements in terms of the dimensions and surface area of the geotextiles, as well as the quantity of active ingredients, depending on your project.



The different types of **application**

-  Roads
-  Parkings
-  Industrial sites
-  Platforms
-  Port areas
-  Airport areas
-  Polluted sites and soils

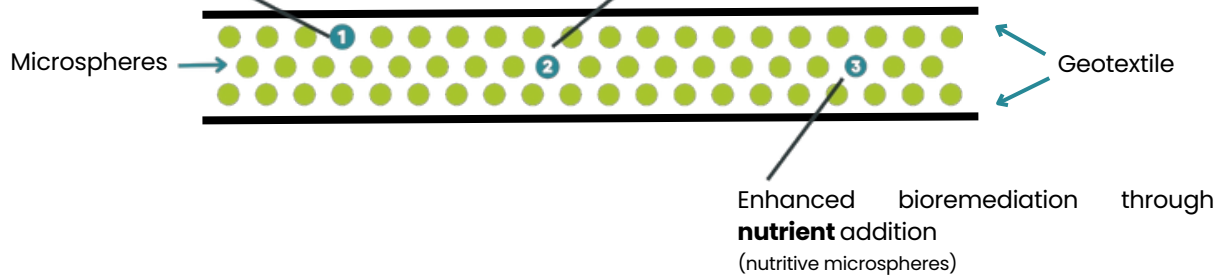
Application example



Triple action for maximum performance

High-performance degradation of **hydrocarbons**
(microspheres inoculated with selected fungal strains)

Storage and mineralisation of **heavy metals**
(chelating microspheres)



Heavy metals⁽¹⁾ sequestration performance

Depollution time for 1m² of parking area

Depollution time of 1m ² of polluted parking*.	Arsenic	cadmium	Chrome	Copper	Nickel
	22'	25'	11'	24'	42'

*time in minutes to clean up 1m² of car park. These results illustrate chelation** capacity of MP REMEDIA to absorb immediate pollution levels.

**Chelation: the process of trapping heavy metals

Chelation capacity before saturation

Assumption:

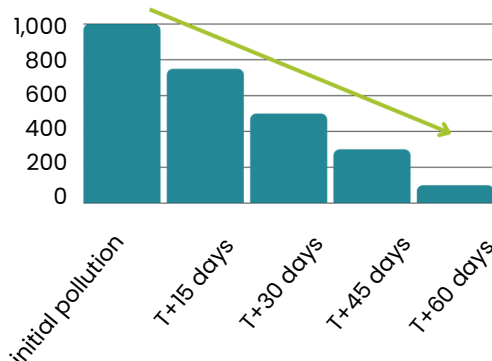
Average release of heavy metals per year per standard parking space = **11 mg**

Average chelation capacity per year per standard parking space = **475 mg**

bioremediation performance through hydrocarbon⁽¹⁾ degradation

Hydrocarbon degradation

Total hydrocarbons C10-C36, diesel and mineral oils (mg/kg ms)



Rapidity of degradation

(1) Data from the MP Remedia SSP range

Our product ranges



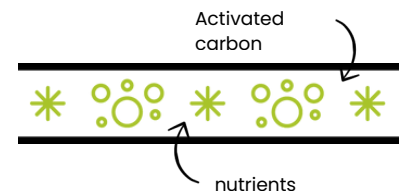
80g/m2

Geotextile
500g

Seeded Geotextile :

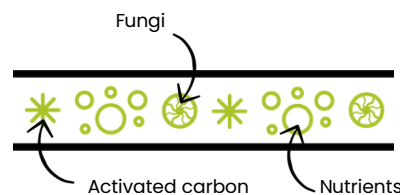
- chelating agents such as activated carbon **to fix and mineralise heavy metals** in the matrix of geotextile

- natural biostimulant nutrients to promote rapid and sustainable activation of **beneficial microorganisms** present in the soil **to degrade hydrocarbons**



80g/m2

Geotextile
500g



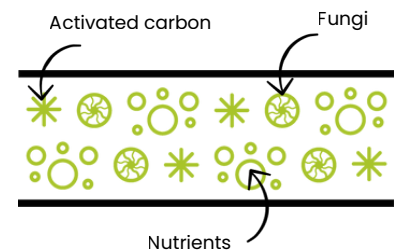
Seeded Geotextile :

- chelating agents such as activated carbon to fix and mineralise heavy metals in the matrix of geotextile
- natural biostimulant nutrients to promote rapid and sustainable activation of **beneficial microorganisms** present in the soil **to degrade hydrocarbons**
- Fungal strains (fungi) specially selected **to enhance hydrocarbon degradation**



125g/m2

Geotextile
800g



The quality of the geotextile, the quantity and quality of the active products seeded are customized to your needs.

Specific formulation

► Injection and performance optimisation device

