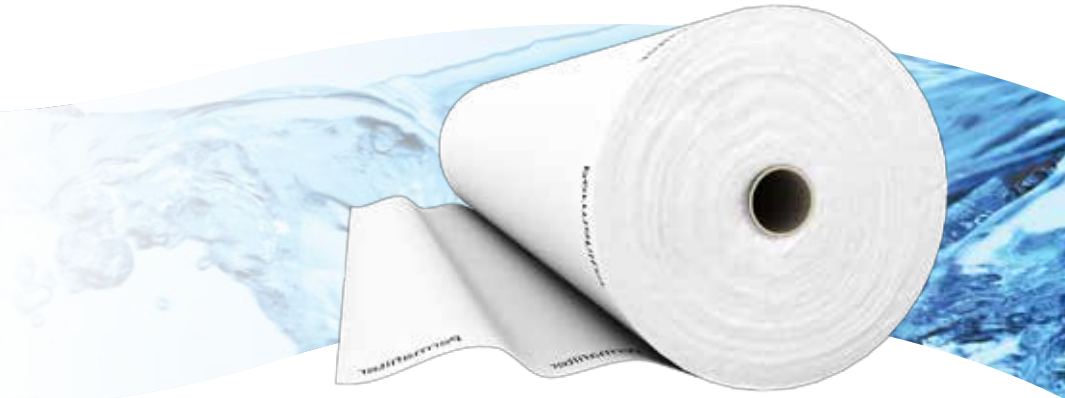


Permafilter

Pollution Control Geotextile

Product Code: SELH05003



Design

Hydro WMS Permafilter Geotextile is a non-woven, dimpled, needle punched geotextile that has been specifically designed for hydrocarbon pollution treatment in SuDS and other civil engineering applications.

- Drainage
- Reinforcement
- Filtration
- Can enhance water quality when used as part of a source control Sustainable Drainage System and eliminate the need for end of line petrol/oil interceptors.

Applications

Hydro WMS Permafilter Geotextile is suitable for use in a range of applications including residential, industrial estates, swales, sports pitches, car parks, roofs, basements, pedestrian areas and rainwater harvesting. Refer to SuDS technical services for advice on specific applications

Manufacturing standard

All products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

Performance

The dimpled geotextile comprises a proprietary blend of polyester fibres that incorporate hydrophilic (water attracting and oil repellent) and hydrophobic (oil attracting and water repellent) properties to achieve superior oil retention. Charcon Permafilter Geotextile

Disclaimer

This product specification is neither giving nor implying warranty for the use of this information for design and installation, as these are beyond our control. The data provided is typical and based upon the mean values obtained from the samples taken for any one test. If not otherwise indicated the test procedures reflect usually the mean of five samples. Hydro WMS Limited reserve the right to change the specifications without prior notice. Skeletank® is a trade mark registered by Skeletank Limited.

Element	Value
Physical properties	
Weight	300 g/m ²
Roll width	2.4m
Roll length	100m
Roll weight	72kg
Pump element	
Tensile strength	26/10 kN/m
Hydraulic properties	
Water permeability EN ISO 11058	36 l/m ² /s
Other properties	
Air permeability	1000 l/m ² /s
Max. oil retention	6 l/10m ²
Effluent discharge at max. oil loading	10 ppm
Material	Modified polyester

is capable of retaining oil contamination ranging from daily car drip losses up to catastrophic spillages, i.e. originating from car oil-sump failures. The entrapped hydrocarbons are biodegraded by naturally occurring micro-organisms providing a self cleansing mechanism.

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