

Technical data sheet

TenCate GeoClean®

Origin

Crystal

Pure

Oil fixation and water treatment efficiency ⁽¹⁾

Chronic and diffuse oil ⁽²⁾

Oil fixation rate		%	> 99	> 99	> 99
Residual Hydrocarbon Content (TPH) into water after percolating through the structure with one or two aquatextile levels	1 level	mg/l	< 2	< 2	< 2
	2 levels	mg/l	< 1	< 1	< 1

Localized oil spill (in case of traffic accident) ⁽²⁾

Oil fixation rate		%	> 99	> 99	> 99
Maximum fixation capacity of the structure with 1 or 2 two levels of aquatextile	1 level	l/m ²	> 0,2	> 0,3	> 0,4
	2 levels	l/m ²	> 0,5	> 1	> 2

Active oil biodegradation ⁽²⁾

Biodegradation potential ⁽³⁾			+	++	++++
Optimal biodegradation speed		ml/m ² /year	120	120	120
Biodegradation rate compared to an average diffuse oil load from a car park			> x 10	> x 10	> x 10

Water permeability

Water permeability normal to the plane under a water head of 5 cm	mm/s	> 10	> 10	> 10
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Other characteristics

Material	Inert polymer material
Structure	Bicolour two-layer aquatextile made of continuous oleophilic filaments
Active top blue layer	Releases a natural growth activator for the biodegrading microorganisms
Disposal	After use, when the oil is fully biodegraded, the aquatextile can be considered as an inert construction material.

Packaging

Rolls	3m x 80m	3m x 60m	3m x 40m
	6m x 80m	6m x 60m	6m x 40m

- (1) The tests were carried out on pavement systems supplied with engine oil
- (2) The test procedure will be communicated upon request
- (3) The quantity of biodegradable hydrocarbons depends on the maximum oil fixation capacity.

Attention: the value given are indicative and correspond to average of results obtained in our laboratories and external testing institutes. The above values are those in force on the date of publication of this data sheet and are subject to change at any time. Please check that you have the latest edition of the technical data sheet.

For more information on projects, installation of the aquatextile and the savings, please contact us:

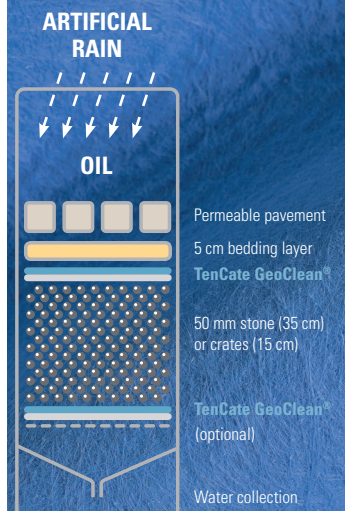
AQUATEXTILE

Technical textile dedicated to the decontamination of runoff water.

It manages the quality of the rainwater throughout its infiltration into the ground

ACTIVE OIL-BIODEGRADING AQUATEXTILE

Fixes hydrocarbons including PAHs and boosts systematically their biodegradation



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