

## PRODUCT CUT SHEET



# TEXEL TAC 150

AN EFFECTIVE SOLUTION FOR PROBLEMS OF AQUATIC PLANTS

### + ADVANTAGES:

Effectively controls the growth of aquatic weeds;

Resists chemical and biological agents;

Allows free circulation of water and gases;

Easy installation without specialized equipment.

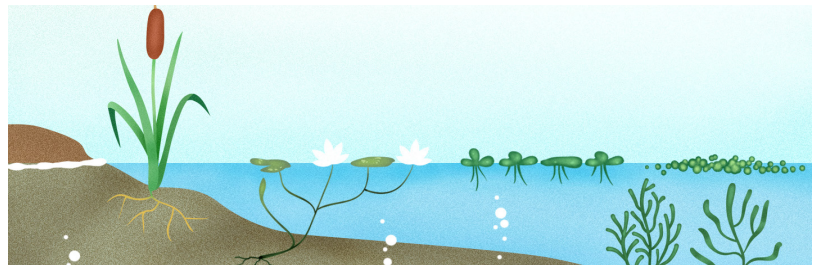


LE PROBLÈME

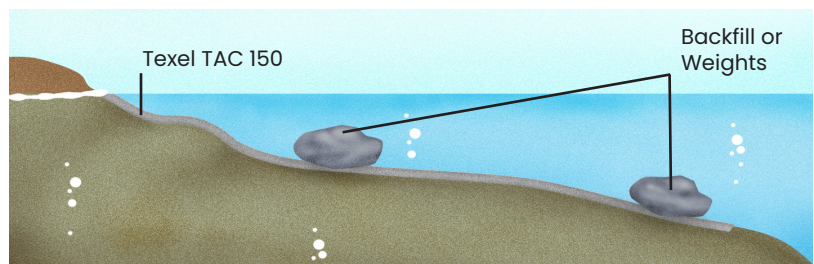


LA SOLUTION

Alkegen has developed Texel TAC 150, a specialized polyester nonwoven geotextile to limit the spread of harmful plants underwater. Thanks to the product's porous structure and its greater density than the water, it will easily settle on the bottom, while allowing the free circulation of water and gases.



WITHOUT TEXEL TAC 150



WITH TEXEL TAC 150

### FUNCTIONS



PROTECTION



DRAINAGE



REINFORCEMENT



FILTRATION



SEPARATION



WATERPROOFING

### SECTORS

- ✓ Municipal and Landscape Architecture

The Texel TAC 150 offers an economic and safe solution, without using chemicals, ideal for limiting the growth of aquatic plants in different types of water bodies such as:

- Natural or artificial lakes;
- Decorative ponds;
- Golf course water hazards;
- Swimming beaches;
- Etc.

ALKEGEN

# TEXEL TAC 150



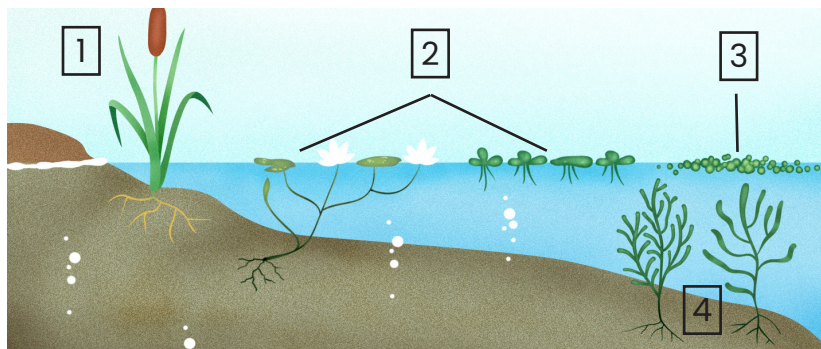
## EASY INSTALLATION:

- Unroll the geotextile and bring it close to the area to be covered on the water;
- Initially, the geotextile will float and will be easy to maneuver on the surface of the water;
- Gradually, the material absorbs water and will sink into its final position;
- Metal anchors or rocks can be used to immobilize the geotextile until it stabilizes on the bottom;
- Installation can be done at any time when the water is free of ice. It is however easier to cover the bottom well before the start of plant growth or in the absence of plants.

## AN ECONOMIC AND LONG-TERM SOLUTION FOR SWIMMING, BOATING AND PONDS

The use of the Texel TAC 150 is essential when aquatic plants cause problems around diving platforms, bathing areas, docks or marinas. The fibers used are resistant to acid or alkaline agents and they are not biodegradable. This geotextile meets the same rigorous criteria as all of Texel's nonwovens. The high permeability of the material ensures evacuation of gases. Finally, as its specific density exceeds the one of the water, the geotextile is easily positioned and keeps excellent contact with the seabed.

The Texel TAC 150 is very durable and can be used in high traffic areas such as beaches and launching areas. The low cost of this geotextile and the possibility of removing it if necessary, makes it the ideal solution to manage aquatic vegetation problems. Texel TAC 150 is particularly effective against water lilies and aquatic weeds.



1. **Emerged plants** : Leaves or stems exposed above and outside the water
2. **Floating plants**: Some or all of the plants floating on the surface of the water
3. **Seaweed**: Floating chlorophyll plant without leaves or roots
4. **Submerged plants**: Plants totally submerged under the surface of the water

## TEXEL TAC 150, PROPERTIES WHICH MAKE A DIFFERENCE

Properties Measured		Test Method	Unit	Interpretation
Physical	Surface mass	ASTM D5261	g/m <sup>2</sup>	Indicates the ability of the geotextile to sink to the bottom of the water.
Mechanical	Tensile strength	ASTM D4632	N	Indicates the mechanical resistance of the product to tearing and puncturing during installation and use.
	Trapezoid tear	ASTM D4533	N	
Hydraulic	Air permeability	ASTM D737	cfm	Indicates the ability of the geotextile to let gases escape to the surface, preventing the creation of air bubbles.

This table presents a summary of specifications. We invite you to consult updated information sheets and detailed technical specifications on our website at [www.texel.ca](http://www.texel.ca).

## NEED TO KNOW MORE?

Call our representatives for your projects! 1 800 463-8929 | [texel.ca](http://texel.ca)

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