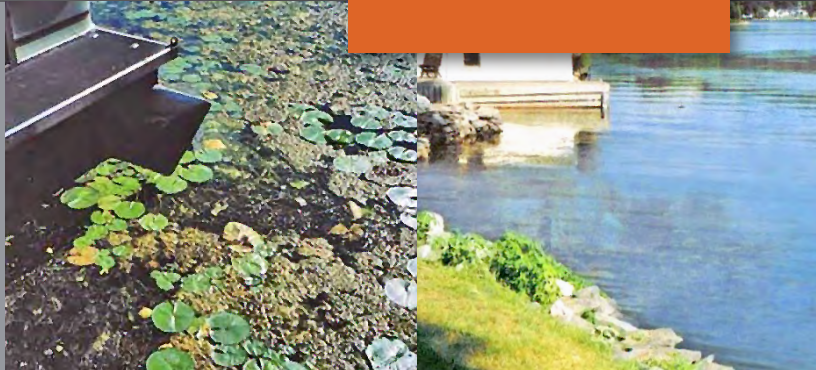


TAC 150

PRODUCT CUT SHEET

AN EFFECTIVE SOLUTION
FOR PROBLEMS
OF AQUATIC PLANTS



ADVANTAGES

Effectively controls the
growth of aquatic
weeds

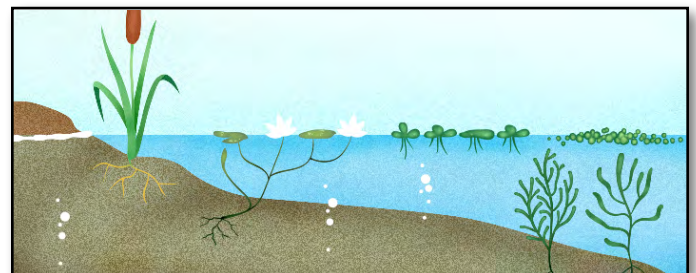
Resists chemical and
biological agents

Allows **free circulation**
of water and gases

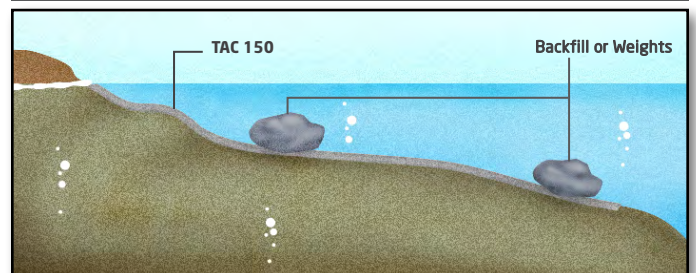
Easy installation without
specialized equipment

Texel has developed 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 TAC 150



WITH TAC 150



The 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.

FUNCTIONS



SECTORS

- ☒ Municipal and Landscape Architecture
- ☐ Roads and Transportation
- ☐ Natural Resources and Energy
- ☐ Industrial and Waste Management

**NAME IT.
WE'LL DO IT.**



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 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 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. TAC 150 is particularly effective against water lilies and aquatic weeds.



NEED TO KNOW MORE?

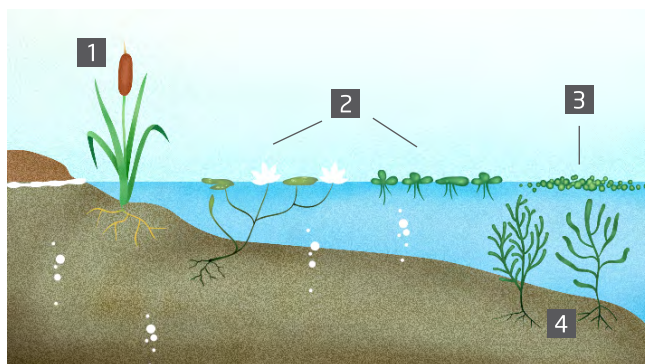
Call our representatives to discover the advantages of the **TAC-150** for your projects!

1-800-463-8929

SPEC SHEET



www.texel.ca



- 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

TAC 150, the properties that makes the difference

Measured properties		Test Method	Unit	Interpretation
Physical	Surface mass	ASTM-D5261	g/m ²	Indicates the ability of the geotextile to sink to the bottom of the water.
	Tensile strength	ASTM-D4632	N	Indicates the mechanical resistance of the product to tearing and puncturing during installation and use.
Mechanical	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 the specifications, all users are invited to check the up-to-date detailed technical data sheet on our website at www.texel.ca.

IMPORTANT NOTICE - The information included in this document is presented for status and promotion purposes only. Therefore, all the characteristics of the project have not been mentioned. Texel and his partners do not offer any guarantee in regards of the previous information.

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— GEOSYNTHETICS