

DRAINAFORM

PRODUCT CUT SHEET

FORMWORK GEOTEXTILE FOR PERFORMING AND DURABLE CONCRETE



THE PROBLEM



THE SOLUTION



ADVANTAGES

A **less porous** concrete surface

A **more scratch-resistant** concrete surface

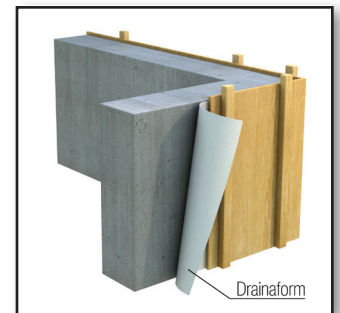
A concrete surface that is more resistant to **freeze-thaw cycles** and **de-icing salts**

Drainaform is a synthetic lining made of polyester fibers and used inside concrete formwork. Laid inside the formwork, Drainaform improves hydraulic conditions when concrete is poured and cured. The quality of the concrete surface obtained with this product ensures increased resistance and durability through an intrinsic protection against aggressive elements in the immediate environment.

WITHOUT GEOTEXTILE



WITH DRAINAFORM



A SOLUTION FOR ALL TYPES OF FORMED CONCRETE WORKS

Drainaform is the ideal product in terms of drainage and surface finish quality for all types of structures executed with formworks:

- Foundations or building walls
- Exposed works such as slabs and pillars for viaducts or bridges
- Permanent or removable concrete slides
- Weirs and dams

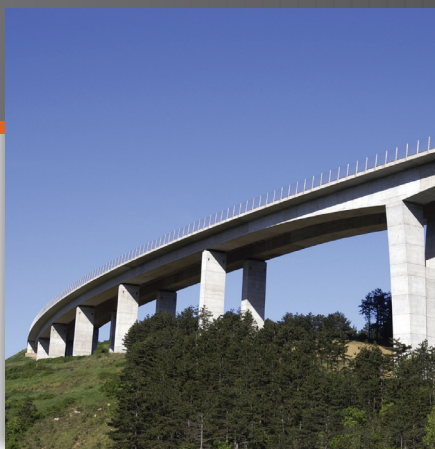
FUNCTIONS



SECTORS

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

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



DRAINAFORM, A PRODUCT TESTED BY THE MTQ

Drainaform is on the list of materials associated with concrete that were tested by the MTQ's roadway laboratory.

Extract from the Ministère des Transports du Québec Standard 31001:

Formwork lining: Drainage material generally consisting of a fabric or geotextile, stretched over the inner surface of formworks, with the purpose of diminishing the formation of bubbles on the surface of concrete.

DRAINAFORM, A SOLUTION ENSURING RESISTANCE AND DURABILITY

THE PROBLEM

The formwork used when building concrete structures has a significant influence on the quality of the concrete's surface because it imprints its own texture. The poor quality of formed concrete surfaces is a problem which is widespread in civil engineering and architectural works. In addition to creating an esthetic problem, this irregularity of the surface renders it more vulnerable to elements in the immediate environment. This phenomenon is even more common with structures exposed to harsh weather. When pouring concrete, the operation which consists of uniformly spreading the mix inside the formwork through the use of vibrations leads to a migration of excess water to the surface, which weakens the primary layer. Often watertight, the formwork does not allow for the drainage of bleeding water which remains on the periphery.

THE SOLUTION

Drainaform is composed of a single textile layer with two different surfaces. The smooth side, which is in contact with the concrete, serves as a filter and prevents the washout of fine cement particles. The fibrous side acts as a drainage component to remove excess surface water and air. Helping to maintain the water-cement ratio and minimize laitance problems, it also helps to improve the strength and durability of the top concrete layer, in addition to giving it a more uniform appearance. In short, Drainaform helps to effectively protect the concrete against aggressive elements such as water, de-icing salts, and freeze-thaw cycles.



**NEED TO
KNOW MORE?**

Call our representatives to discover the advantages of the **DRAINAFORM** for your projects!

1-800-463-0088

SPEC SHEET



www.texel.ca

SPECIFICATIONS

Description	DRAINAFORM
Product type	Needlepunched nonwoven/woven geocomposite
Format	Roll

DRAINAFORM, properties which make a difference

Measured properties		Test method	Unit	Interpretation
Physical	Texture	-	-	The two types of product texture help to ensure effective filtration and drainage.
Mechanical	Tear resistance	CGSB 148.1-7.3	N	Indicates the geotextile's capacity to absorb tensile force before reaching the breaking point.

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.

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