CapSure™



THE COST-EFFECTIVE TRANSITIONAL COVER SOLUTION

for Landfills



CapSure™ is an all-in-one wind-resistant, transitional cover for landfills that:

- Keeps water out;
- Prevents erosion;
- Lowers operation and maintenance costs;
- Contains and controls gases and odors; and
- Reduces environmental and safety risks.

Introducing CapSure™, a two-component transitional cover system engineered to control odors and fugitive methane emissions while minimizing water infiltration and erosion. The system combines a UV-resistant, structured geomembrane that adheres to an aerodynamic windbreak layer through friction creating a durable cover solution designed to perform for up to 15 years. CapSure helps maintain safe site access, preserve valuable airspace, reduce landfill operations and maintenance costs, and strengthen long-term environmental protection.

CapSure™ has many advantages over traditional soil and geomembrane-only intermediate covers, including:

LFG Emissions & Odor Nuisance Control

CapSure allows the operator to gain control over odors and fugitive gas emissions in a rapid and efficient manner. Watershed Geo's patented pressure relief valves are integrated with the cover system to enhance the overall performance against gas uplift.

Leachate Reduction

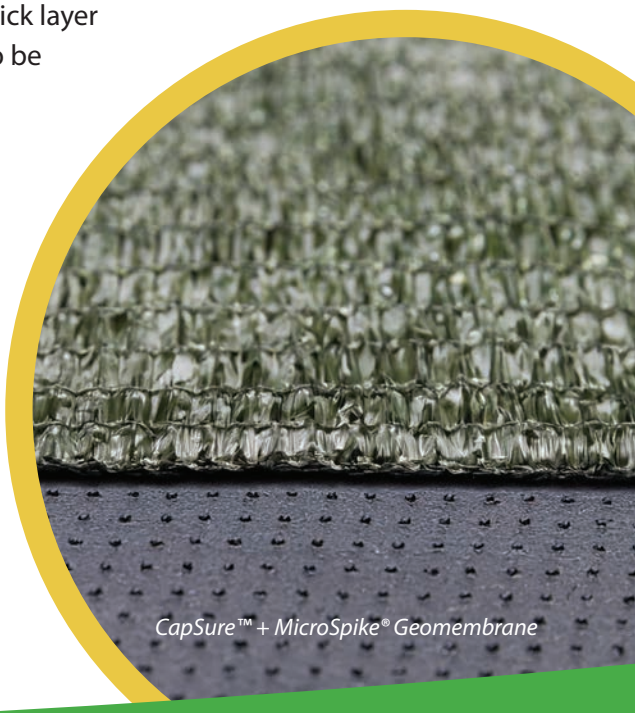
The impermeable nature of the technology significantly reduces water infiltration and leachate generation resulting in lower treatment costs.

Airspace Maximization

CapSure is a thin system that reduces the need for a thick layer of soil resulting in additional waste capacity. It can also be easily removed for future waste placement.

Easy & Safe Access

CapSure provides a safe, slip-resistant surface such that operations and maintenance personnel can easily and safely access equipment and monitoring devices within the system.



CapSure™ + MicroSpike® Geomembrane



STRAIGHTFORWARD INSTALLATION

The geomembrane component of CapSure™ is installed using commonly known methods for deployment and seaming. The windbreak layer is placed over the geomembrane. Where the panels meet, the windbreak layer is sewn for improved installation productivity. Typical anchor trenches are used at perimeter terminations.



Capture More with the EasyFlo™ Gas Collection System

EasyFlo™ enhances collection performance by targeting residual gas outside the effective radius of traditional deep wells. Expertly designed to complement our CapSure™ intermediate and ClosureTurf® final cover systems, EasyFlo safely captures all the emissions that deep wells are not designed to control effectively. According to the EPA and various studies, deep wells with soil covers can achieve a maximum collection of up to 80 percent. This means that the remaining 20 percent or more can translate into financial losses or even pose a compliance risk. Integrating the EasyFlo system into your best management practices can help mitigate these issues effectively.
Ask us how!

CapSure™

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