NOVAGEO

GROUNDED IN EXCELLENCE



NovaSeal Barrier Solution

The NovaSeal product line offers advanced geomembrane and geosynthetics clay liner (GCL) designed for critical civil, environmental, and geotechnical containment applications.

NovaSeal MB is a high-performance geomembrane manufactured from durable polymeric resins, engineered to deliver superior containment and barrier protection in demanding environments. Designed for long-term barrier solution, NovaSeal MB ensures chemical resistance, durability, and reliable impermeability under diverse site conditions.

NovaSeal CL is a reinforced geosynthetic clay liner that integrates a uniform layer of sodium bentonite clay between a woven and nonwoven geotextile. Upon hydration, the bentonite swells to form a low-permeability barrier, providing an effective hydraulic seal in various containment and barrier applications.

www.novageoasia.com

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Features:

- **Engineered for impermeability and long-term barrier performance**

  Both NovaSeal MB and NovaSeal CL are designed to withstand harsh environmental conditions, ensuring consistent containment and barrier performance over the full project lifecycle.

- **Versatile across diverse applications**

  Available in various sizes and shapes to accommodate specific project requirement and site-handling requirements.

- **Environmentally protective and sustainable solutions**

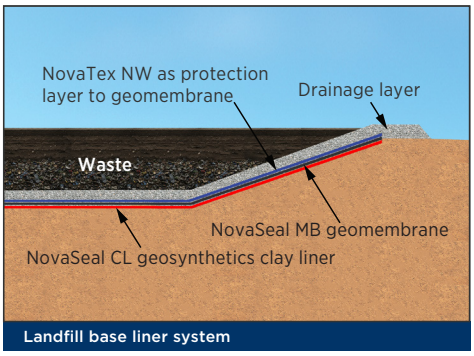
  By controlling seepage and preventing contamination, NovaSeal products contribute to environmental protection and regulatory compliance in critical infrastructure projects.

Typical Application :

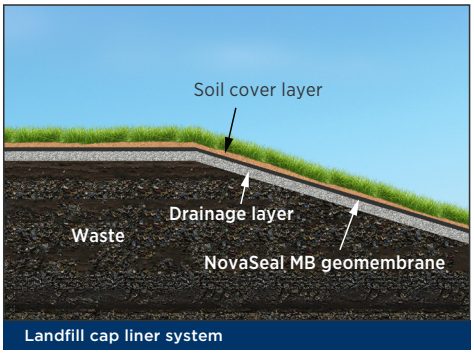
- Landfill base and cap liner systems
- Wastewater treatment pond
- Mining tailings pond
- Secondary containment systems
- Flood protection bund

Functions :

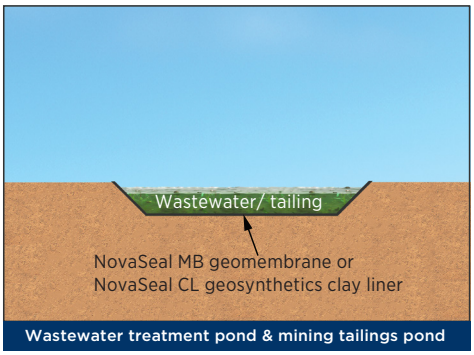
- Barrier
- Protection



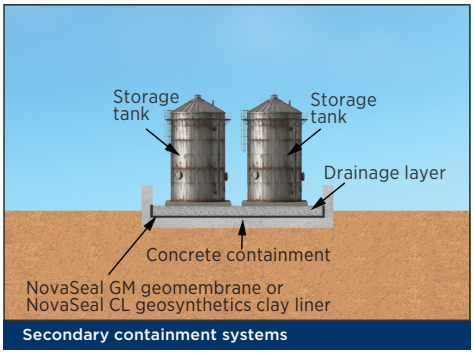
Landfill base liner system



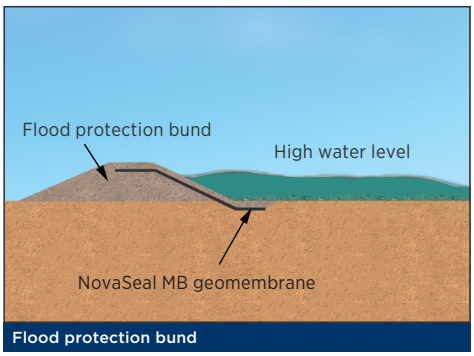
Landfill cap liner system



Wastewater treatment pond & mining tailings pond



Secondary containment systems



Flood protection bund

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