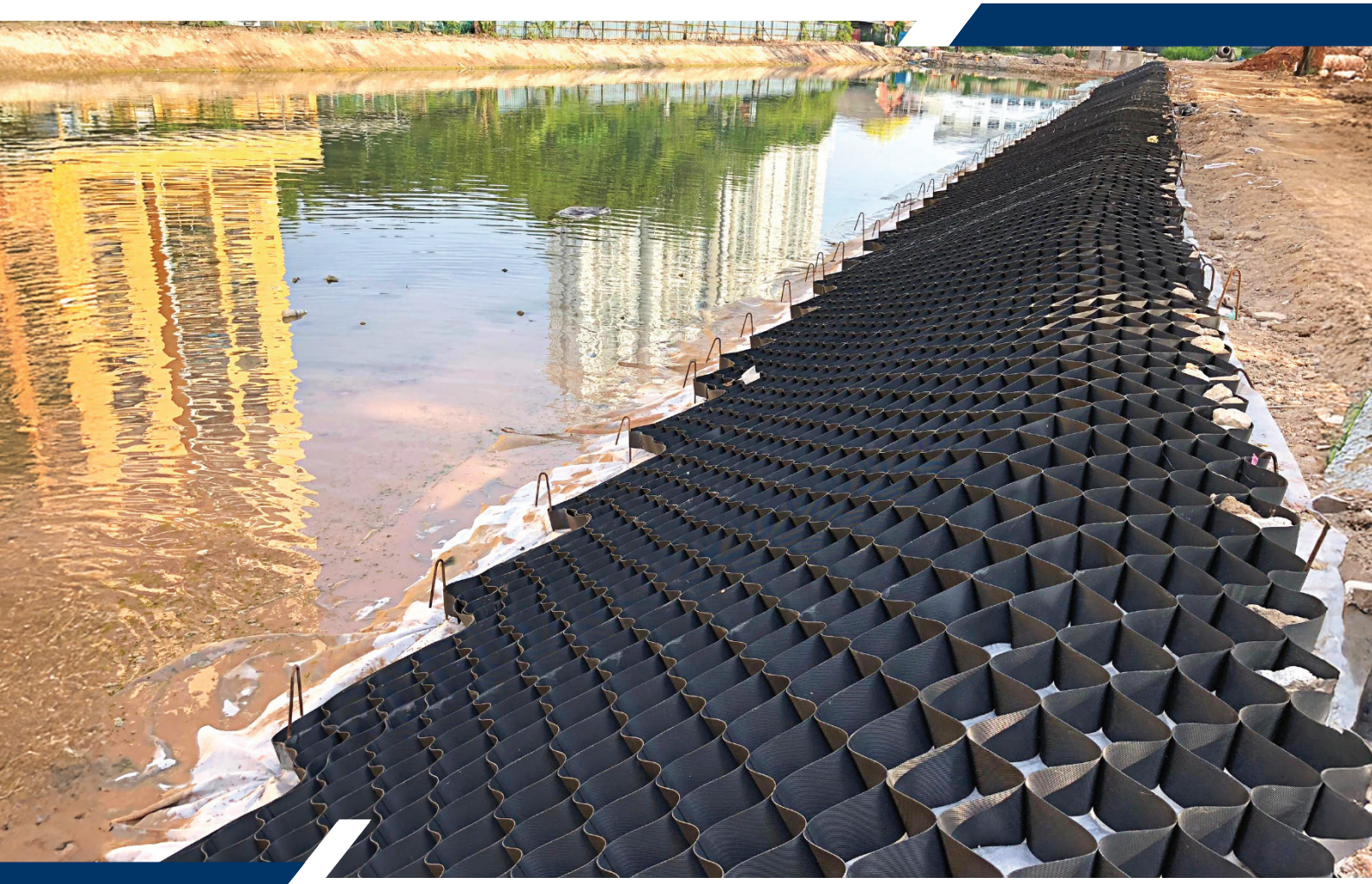
NOVAGEO

GROUNDED IN EXCELLENCE



NovaCell NC

NovaCell NC geocell is a three-dimensional cellular confinement system manufactured from inert, UV stabilized polyethylene, ultrasonically bonded to form a continuous honeycomb structure. Its flexible honeycomb structure adapts to irregular ground conditions, making it suitable for a wide range of infrastructure applications.

Engineered for ground stabilization and erosion control, the interconnected cellular structure confines infill materials such as soil, aggregate or concrete, effectively limiting lateral movement, enhancing load distribution, and supporting vegetation growth for long-term stability and performance.

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Features:

- **Robust cellular confinement**

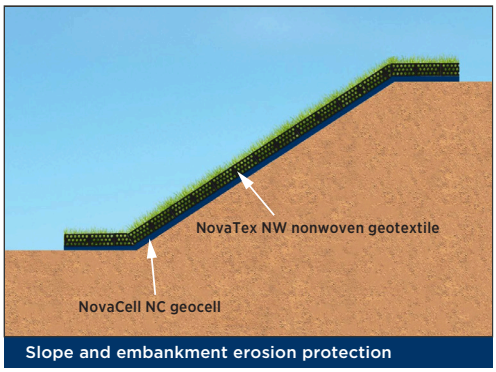
  The interconnected cells of NovaCell NC geocell confine infill laterally, preventing soil movement and surface erosion for long-term ground stability.

- **Effective erosion control with versatile infill compatibility**

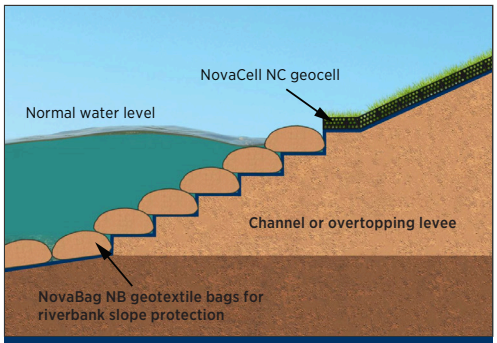
  Compatible with various infill materials such as topsoil, aggregate, or concrete to suit different site conditions. Suitable for both vegetated and non-vegetated finishes, the system retains soil and moisture to promote rapid vegetation growth on steep or challenging slopes.

- **Adaptable to challenging terrains**

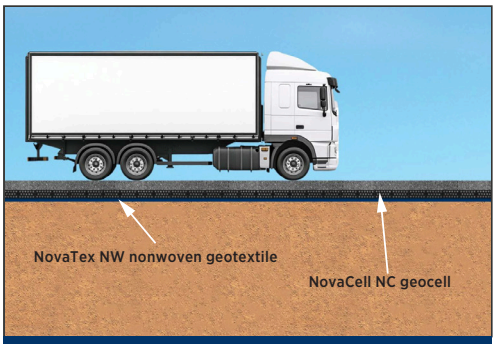
  Highly flexible and lightweight, NovaCell NC geocell conforms to irregular ground surfaces and can be securely fixed with anchor pins for quick, reliable installation.



Slope and embankment erosion protection



Channel and overtopping levee erosion protection



Load support and base reinforcement

Typical Application :

- Slope and embankment erosion protection
- Channel and overtopping levee erosion protection
- Load support and base reinforcement

Functions :

- Surface Erosion Control
- Stabilization

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