



Geocell

Perforated Cellular Confinement System

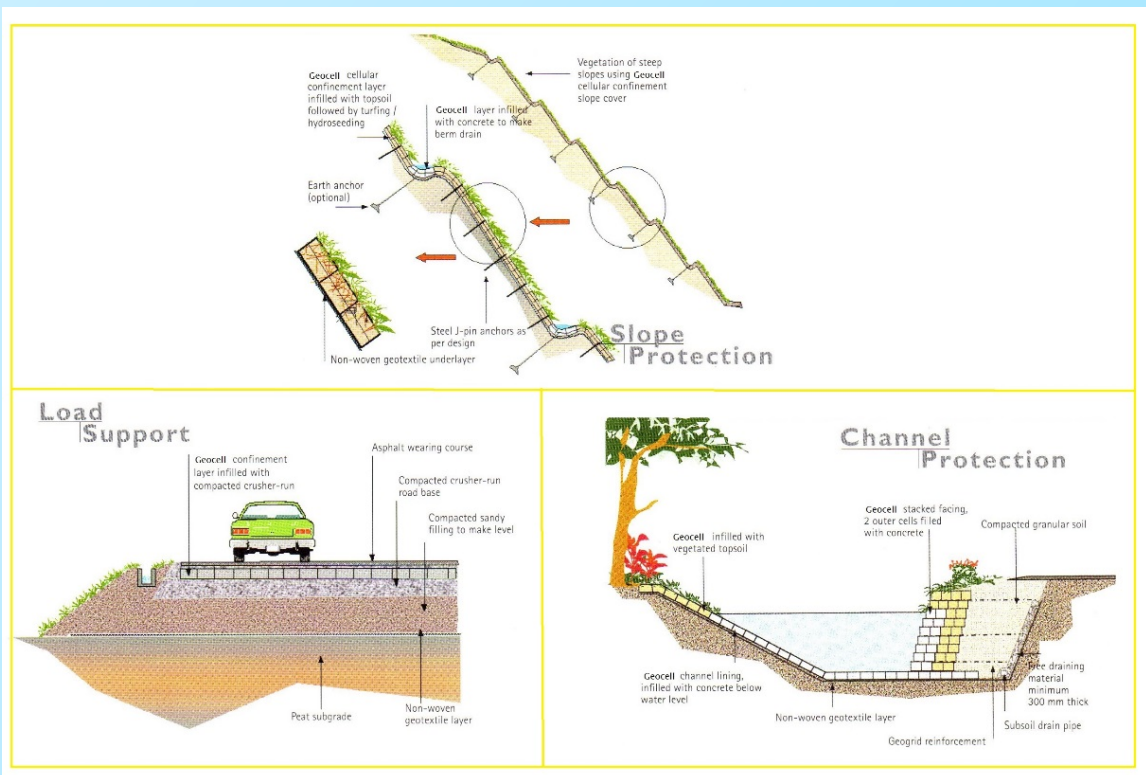
Vegetation on Hard Surface

Geocell Perforated Cellular Confinement System are expandable honeycomb structures that offers an environmentally friendly, sustainable vegetation and economical solution to earth stabilization, slope protection, erosion control and channel protection with low handling cost, little wastage, minimum maintenance, easy installation and performance reliability.

The Applications of Geocell

1. Stabilize and vegetate slope surface
2. Soft soil reinforcement and ground stabilization
3. Shoreline and channel protection

Application



Projects in Hong Kong

August 2010



May 2012



Geocell provides a growing medium that allows vegetation to thrive on rock slope in Wang Hang Village, Tai O. December 2009 (GE/2007/02)

June 2004



Geocell Assisted Vegetation on Shotcreted Slope - Site Formation Works for Public Housing Development at Tung Tau Cottage Area – HKHA No. 48 of 1999.

August 2019



Cellular Confinement Erosion Control at Liantang/Heung Yuen Wai BCP Site Formation and Infrastructure Works – Contract 6 (CV/2013/08).

August 2021



Roof garden planting soil retention at Kati Tak development – Reconstruction and Upgrading of Kai Tak Nullah (KL/2011/01).

Services Provide by G and E Co. Ltd

1. Engineering design
2. Method statement & drawings
3. Supply & installation of Geocell
4. Horticultural expertise

Geocell sections are manufactured from High Density Polyethylene (HDPE) strips, that contain carbon black for UV light stabilization. Sheet thickness of 1.25mm, cell size (L x W) of 244mm x 203mm or 488mm x 406mm. Collapsible into 2.44m or 3.35m (L) x 125mm (W) for ease of handling. Cell thickness 100, 150, 200 & 300mm are available.



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