

CMS Greening System

built to last



Green Roof



Green Slope



Green Wall

Design

Supplies

Installation

GreenSlope

Reasons of erosion

- Surface particles rebound from rainfall. Slope surface become loosened.
- Surface nutrient being pickup and washed away by the rainfall. No plant can grow on the slope.

The challenge of control erosion

- To absorb rainfall impact energy
- To reduce the speed of surface water run-off.
- To maintain or store growing medium

Advantage of CMS Greening System

- Prefabricated Cellular Panels.
- Plants can be pre-grown into panels before installation.
- The pre-grown plants minimize the surface erosion and absorb rainfall impact energy.
- Instance green surface.
- Reduce the installation time.
- Easy to install.
- Storage of growing medium by gravity
- Short establishment time.
- Water retention cells reduce the cost of watering.
- Suitable to use in extreme slopes and vertical walls.



GreenSlope



Description

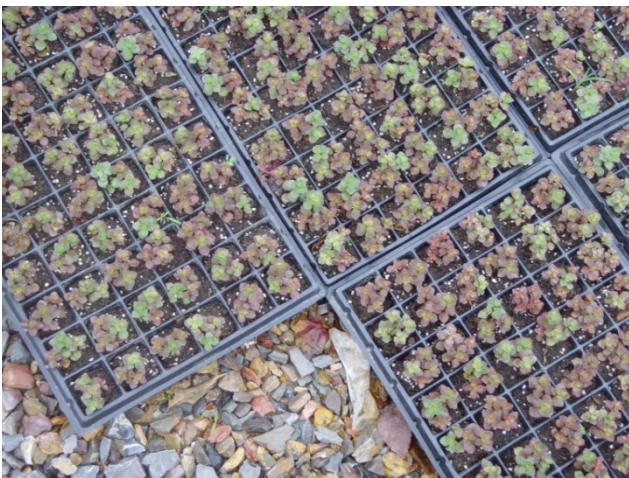
CMS GreenSlope System was successfully installed since 2002. During the past 8 years, our engineers continue to improve and develop new greening systems such as GreenRoof, GreenWall, etc.

Cellular GreenPanel is made up of cellular sections. The vegetations are pre-grown before installation on site that reduce the time and cost of installation.

Each GreenPanel can be pre-vegetated by your selected plants to give an instant green once you installed the GreenPanel.

The cellular structure of the GreenPanel provides the best environment for plants in terms of both storage capacity of soil and water retention properties.

Thanks for the excellence of both storage and water retention properties that the cost of watering was minimized.



GreenSlope

Specifications of GreenPanel

Size of Panel:

400mm x 400mm

Thickness of Panel:

65mm

Number of Cell Per Panel:

28 Numbers

Size of Cell

100mm x 50mm x 70mm

Water Retention Capacity:

Horizontal : 24 L/m²

Vertical : 10 L/m²



GreenSlope



Method of Installation

- The CMS GreenSlope System, is a vegetation system reinforced by GreenPanel with number of cellular holes that filled with humus rich planting soil.
1. Slope Surface Preparation:
 - The slope must be stable in itself.
 - Clean the slope surface by removing all dirt clods, grass clumps, trash and other obstructions to ensure the GreenPanel in intimate contact with slope surface.
 2. Construct GRP frames before install the GreenPanel.
 3. Screw the GRP mounting stripes on the slope or wall surface.
 4. Use anchors for to fix on slope or wall surface.
 5. Once the GRP mounting strips are fixed, the slope or wall is ready for the planted GreenPanel.

Notes:

1. **Mark a level before anchoring the GRP mounting strip.**
2. **Hang the GreenPanel and make sure the GreenPanel is install on the GRP mounting strip properly.**
3. **The final design of the frames and mounting strips may vary. Final design shall be submitted after the site visit.**

GreenSlope Projects

CMS Greening Projects since 2002



GreenSlope Projects



GreenSlope Projects



Supreme Greening System presented by:



GreenWall Projects

