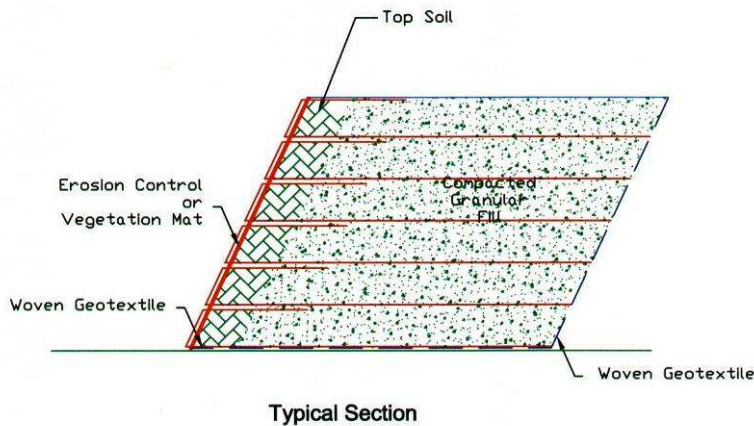


### Econ Soil Panel Reinforced Soil System

Phi (Ireland) Ltd. provides full design, supply and installation service on all our products.

Our experienced design teams and installation crews provide clients and contractors with optimum peace of mind and minimum risk.



#### Advantages

- φ Assembled in Ireland
- φ Choice of erosion control or vegetation mats for the front face
- φ Vegetated and natural looking slope
- φ No special foundation required
- φ Minimises muck away
- φ Factory assembled for fast installation
- φ Wraparound of mesh provides continuity of reinforcement
- φ Steel mesh is more robust and less prone to construction damage



#### Uses

- φ Highway embankments.
- φ Boundary slopes
- φ River banks above the water level
- φ Residential developments.
- φ Sports and recreation grounds.
- φ Theme parks.
- φ School Playgrounds.



#### Description

The Econ Soil Panel reinforced soil system is a budget variation on our original patented Soil Panel™ reinforced soil system. It is effectively a modification of our Soil Panel™ with the front mesh removed. It loses out on some of the structural and aesthetic benefits of the Soil Panel™ but compensates by being cheaper.

It was developed as an alternative to the Soil Panel™ to cater for projects where the final appearance of the finished vegetated wall may not be as critical and cost is paramount.

The Econ Soil Panel consists of a choice of erosion control or vegetation mats sandwiched between a layer of Alu-Zinc coated welded mesh panel on the inside and PVC coated rock netting on the outside. The Rock netting completely wraps around the whole panel and extends into the backfill to from the soil reinforcement as well. The Alu-Zinc coating of the welded mesh and The PVC coating on the galvanised rock netting ensures that our system will still be there for a long time.

The panel is backfilled with top soil just behind the face, and compacted frictional fill in the structural zone. Vegetation can be introduced by planting, seeds added into the top soil, preseeded vegetation mats or hydroseeding.

#### Options

##### Inside Mesh

Mesh size: 75mm x 75mm  
Wire size: 3mm or 4mm or 5mm  
Coating: Plain or Alu-Zinc

##### Outside Mesh

Mesh size: 60 x 80mm or 80 x 100mm  
Wire size: 2.0/3.0mm or 2.7/3.7mm  
Coating: Heavy Galv. or PVC

##### Erosion Control/Vegetation Mat

- φ Coirmat
- φ Preseeded Covamat
- φ Plastic Secumat