

Advantages

- φ Assembled in Ireland
- φ Erosion control and protection for steep embankments
- 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
- φ Durable

Uses

- φ Chalk and rock slopes
- φ Embankment stabilisation
- φ Temporary cuttings
- φ Retaining topsoil on slopes
- φ High energy erosion area
- φ Windy sites
- φ Watercourse armouring
- φ Facing soil nail slopes

Rockmat R is applied to pre-dressed slopes using fixing pins, anchors or soil nails.



Specification

Standard roll size is 2m wide x 25m long. The roll dimension is approximately 0.6m in diameter x 2m long

Wiremesh Layer

Description: PVC coated triple twist hexagonal wire mesh - BBA Certificate numbers 00/3682 and 99/R117
Mesh size: 80mm x 100mm
Wire: 2.7mm diameter conforming to BS1052:1980 for tensile strength
Coating: Galvanised to BS443/EN10244-2 then coated with 0.5mm min. PVC coating
Colour: Grey

Secumat Layer Options

Description: Secumat ES 601/ES 501 G4, 3-D, UV stabilised labyrinth-like extruded polymer erosion control mesh
Backing layer: Polypropylene geotextile
Unit weight: ES601 = 600g/m² or ES501 = 500g/m²
Thickness: ES601 = 20mm or ES501 = 10mm
Colour: Black

Connectors

Description: Steel CL 50 clips
Wire size: 3mm
Coating: Alu-zinc

Rockmat R

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.

Description

Combines the benefits of Secumat with additional steel woven wiremesh reinforcement. Manufactured from 2 layer 3-dimensional UV stabilised labyrinth like extruded polymer mesh with a choice of galvanised or PVC coated hexagonal triple twist steel wire mesh.

Rockmat R provides additional long term support and protection to vulnerable slopes. Secumat layer controls surface erosion by retaining soil particles within its convoluted monofilament core and helps to anchor and reinforce the root zone of plants. It is resistant to all natural chemical or biological substances present in typical soils.

Rockmat R provides a highly effective anti-vermin protection layer where rabbits and foxes etc. are likely to create slope instability due to burrowing.

