

Terramat RF80 Reinforced PVC coated steel composite High Performance TRM

Product Images





Short Description

TerraMat® is a three-dimensional anti-erosion mat consisting of entangled polypropylene monofilament fibres that are heat bonded to provide a dimensionally stable matrix to control soil erosion.

Description

Reinforced Erosion Control Mat

TerraMat is a three-dimensional anti-erosion mat consisting of entangled polypropylene mono-filament fibres that are heat bonded to provide a dimensionally stable matrix to control soil erosion.

The TerraMat range consists of:

TERRAMAT L:

A lightweight, three-dimensional erosion mat with a similar appearance to both sides, designed to provide permanent erosion control of soil and to reinforce the root system of grasses and vegetation for such areas as embankment slopes, riverbanks, channels, coastal and other erosion-prone areas. Can be installed within the soil just below the surface or can be placed at the surface and hydro-mulched to act as a protection layer.

TERRAMAT RL80 PET PVC:

A lightweight, three-dimensional erosion geocomposite mat with the added PET PVC coated grid, designed to provide increased slope friction between low friction angle surfaces such as membrane/soil, permanent erosion control, and reinforcement.

Suitable for reinforcing the root system of grasses and vegetation for such areas as steep embankment slopes, riverbanks, channels, coastal and other erosion-prone areas.

TERRAMAT RF 80 & RF 80 PVC

A three-dimensional erosion geocomposite mat with the added double twisted steel woven wire or PVC coated mesh, designed to provide increased slope friction between low friction angle surfaces, permanent

erosion control, and reinforcement.

Suitable for rock control reinforcing the root system of grasses and vegetation for such areas as steep embankment slopes, riverbanks, channels, coastal and other erosion-prone areas.

The main advantages besides the previously listed, edges and ends can be joined by lacing/hog ring to provide consistent strength in all directions required in steep slopes and high-velocity streams.

Downloadable Resources:

[TerraMat Reinforced Erosion Control Mat - Product Spec Sheet](#)

[TerraMat Reinforced Erosion Control Mat - Installation Guide](#)

Applications:

- Erosion Control
- Embankments
- Slopes
- River Banks
- Coastal Areas
- Channels

Specifications

| Grade refers to fibre Matrix FibreMatrix Grade* | Unit | Values |
|--|-------------------|--|
| Application | | Permanent Grass & Soil Reinforcer |
| Raw Material | | UV Stabilised PP |
| Reinforcement | | |
| Raw Material | | Double twisted zinc coated steel woven wire mesh |
| Properties | | Zn-Al alloy 5% |
| Wire Mesh Size | cm | 8x10 |
| Thickness | mm | 2.7 |
| Plastic Coating Thickness | mm | 0.5mm |
| Physical & Mechanical Characteristics | | |
| Total Thickness | mm | 18 |
| Mass | gr/m ² | 1670 |
| Void ratio | % | >90 |
| Tensile strength MD | kN/m | >47 |

| | | |
|---------------------------|-----|-----|
| Elongation at max load MD | % | 5 |
| Water Velocity | m/s | |
| Package Dimensions | | |
| Roll Width | m | 2 |
| Roll Length | m | 25 |
| Roll Area | m2 | 50 |
| Roll Diametre | cm | 120 |

Additional Information

| | |
|--------|--------------|
| CODE | TMRF80-2-25 |
| U.O.M | Each |
| Weight | 100 |
| Swatch | no_selection |

