

TerraGrid® Concrete Mattress



APPLICATIONS

- Access driveways
- Construction site entrance shaker pads
- Water channels and dam spillways
- Dissipator aprons to pipe outlets
- Creek crossings

Advantages

- **Simple:** No specialised labour, training, or equipment required.
- **Streamlined Handling:** Palletised units lower transport costs and simplify site logistics.
- **Fast Installation:** Pre-assembled panels save time and reduce labour requirements.
- **Cost-Effective:** Minimised waste, labour, and equipment usage result in significant savings.
- **Versatile Applications:** Tailored for a wide range of terrains and project scopes.

Installation Instructions

Installation To Subgrade:

1. Fix each mattress in accordance with the standards set by local regulatory agencies and the project lead.
Available fixings:
 - 300mm U-Pins
 - 450mm U-Pins
 - Proprietary Earth Anchors

Soft Subgrade Installation:

2. Install mastaGRID® GT Geogrid over prepared subgrade.
3. Lay and compact suitable layer of well-graded granular base course.
4. Refer to site specific design by project consulting engineer.



Key Features

- **Flexible and Adaptable:** Contours to shaped subgrades and can be trimmed to fit structures.
- **Water Flow Optimisation:** Slows water velocity, reducing erosion risks.
- **Durable:** Engineered for long-lasting performance.
- **Efficient Transport:** Palletised panels simplify logistics and reduce handling time.
- **Rapid Deployment:** Pre-assembled panels enable fast and easy installation.



Handling Instructions

1. Move palletised mattress to installation location.
2. Use lifting slings to lift individual mattress off pallet and position in final location.

**Slings not to be used to distance travel mattresses. Slings to be used once and disposed.*

CODE	DESCRIPTION
TGCM/1.2/2.4/14PP	TERRAGRID CONCRETE MATTRESS 1.2X2.4M/14P

Specifications

TerraGrid® Concrete Mattress:

- 60MPa Concrete
- 80kN x 80kN Biaxial TerraGRID
- MastaTEX PF24 Geotextile
- Weight: 50kg per panel

U-Anchors:

- 300mm U-Pins
- 450mm U-Pins

Lifting Slings:

Each sling load rated 500kg