

## GREEN TERRAMESH®

### GREEN FACED REINFORCED SOIL SLOPE SYSTEM

**Green Terramesh®** is a unique and simple to install soil reinforcement system with a sloping vegetative face finish.

It is ideal for use where a natural, environment enhancing aesthetic is preferred.

Green Terramesh® can be used either alone or in conjunction with our ParaGrid® or ParaDrain® geogrids depending on the height of the reinforced soil structure.



**Green Terramesh®** is an environmentally friendly modular system. When used with ParaGrid® or ParaDrain®, suitable site-won materials can often be used as structural backfill to the reinforced soil slope.

This has a triple environmental benefit to the client:

1. No need for expensive quarried granular materials to be imported for structural backfill
2. Reduction of the disposal of site-won soils into landfill
3. Fewer truck movements on roads around the project site



#### Uses of Green Terramesh®

- M** Terraces on development sites
- M** Wing walls
- M** Whenever level changes on a site need retention
- M** Acoustic and safety bunds
- M** Reinforced soil slopes where differential settlement could be an issue

#### Features and benefits

- M** **Rapid assembly:** Preassembled unit with components factory-fitted ready for erection on site
- M** **PoliMac® coated:** 120 year design life plus
- M** **No external formwork:** Welded mesh panel and bracing struts hold the face at the correct angle during construction
- M** **Simple installation:** No bodkin or connection is required between geogrid and Green Terramesh® unit
- M** **Green finish:** Gives lush green finish
- M** **Certified:** BBA HAPAS certified & CE marked



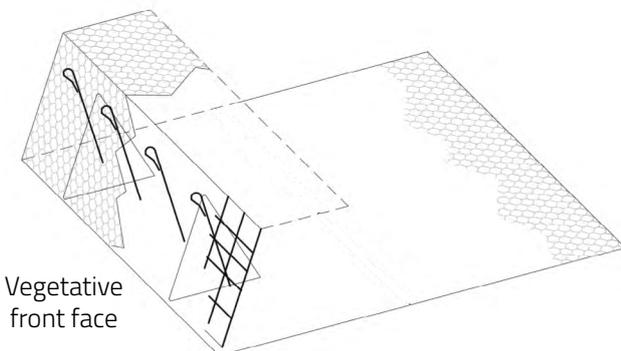
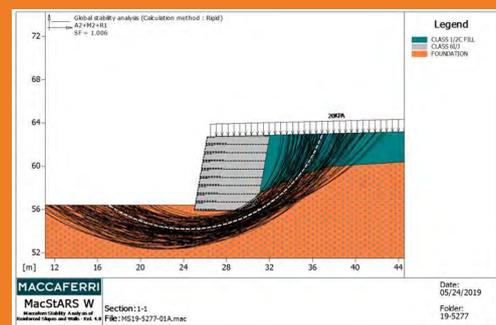
# GREEN TERRAMESH® GREEN FACED REINFORCED SOIL SOPE SYSTEM

**EPD®** Environmental Product Declaration (EPD) in accordance with ISO 14025 and EN 15804:A1  
EPD reg no: S-P-01468  
www.environdec.com

We believe in limiting the impact construction has on our environment. Green Terramesh® has an Environmental Product Declaration providing transparent information on the environmental impact of manufacturing the product. This enables clients to compare alternative solutions for use within their projects

## Design

- MacSTARs – for designing geogrid reinforced walls and slopes
- Use ParaGrid®/ParaDrain® for taller slopes and/or accommodating higher loads
- Design life: Heavily GalMac® galvanised wire with additional PoliMac® coating offers a system design life of >120 years plus



## Simple installation steps

- M** Unit is erected on site
- M** Bracing struts hold face at correct angle as a construction aid
- M** Place ParaGrid®/ParaDrain® geogrid if required
- M** Place and compact structural backfill onto geogrid tails
- M** Place quality topsoil and suitable seed mix for 300mm immediately behind face of unit to enable vegetation establishment
- M** Repeat with next unit



Vegetating face detail



Slopes of magnitude

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