



**PROTECT FROM EROSION &
RESTORE THE ENVIRONMENT**

GRASSROOTS® SYNTHETIC EROSION CONTROL MAT



protect
contain
secure

GEOFABRICS
Sustainable solutions



Australian made

Improves plant establishment by 555% in biomass

Grassroots Synthetic Erosion Control Mat

Grassroots® is made in Australia from heavily UV stabilised synthetic fibres which are needle-punched together into an open weave three-dimensional structure, designed to offer a permanent engineered solution that assists the establishment of vegetation even in extreme environmental conditions.

Grassroots is an ideal erosion control mat or surface treatment for applications such as channels, swale drains, wetlands, floodways, spillways and embankments, where immediate or long-term erosion control is required. Grassroots traps seed, soil and water to rapidly produce fuller vegetation, promoting restoration to a natural ecological environment for both wildlife and the community.

Why choose Grassroots?

Grassroots is a permanent erosion control matting, designed to protect underlying soil in steep slopes and channels from high to moderate velocity water flow, rain, wind and other erosive conditions. It allows seeds to germinate and grow through the matting providing permanent vegetative reinforcement, typically used for roads, slopes and walls, civic and landscaping and mining sectors.

Grassroots provides:

- A reduction in the loss of soil during moderate to heavy rainfall events
- Strong erosion control in channel lining and road edge rehabilitation applications which requires increased resistance to soil loss, as a result of hydraulically induced shear stresses
- Proven UV resistance due to stabilised fibres, ensuring that no degradation occurs from exposure to sunlight – shows no loss in tensile strength even after 1,000 hours of accelerated testing
- Long-term reliability as it provides immediate protection against soil loss and can be exposed to weather conditions for extended periods before grass or other vegetation is established
- Improved plant establishment by 555% increase in biomass after 21 days compared with control pots showed that it provides a stable environment for seeds to grow

GRASSROOTS RANGE

Product Code	Roll Size	Limiting Shear (product only)
EGR200	2m x 60m	180N/m ²
EGR400	4m x 60m	180N/m ²

Made in from heavily UV stabilised synthetic fibres which are needle-punched together into an open weave three-dimensional structure, designed to assists the establishment of vegetation even in extreme environmental conditions.



PROTECTS UNDERLYING SOIL IN STEEP SLOPES & CHANNELS FROM WATER FLOW, RAIN, WIND AND OTHER EROSIVE CONDITIONS



GEOFABRICS™

ADDITIONAL BENEFITS OF WORKING WITH GEOFABRICS

REDUCED RISK	<ul style="list-style-type: none">• Produced to strict manufacturing Quality Assurance (QA) provided by a geosynthetics laboratory, ensuring consistent quality for the entire project• Products are tested frequently and transparently in Geofabrics quality assured testing facilities
ENHANCED PERFORMANCE AND RELIABILITY	<ul style="list-style-type: none">• Made, tested and released according to Australian and International geosynthetic standards under an ISO 9001:2015 certified quality management system• Geofabrics products can be traced from the test results to the production batch, providing confidence in the quality and consistency of products in accordance with latest published specifications• Geofabrics commitment to world class quality provides clients with confidence that products are delivered as per project specifications, ensuring performance and life-cycle costs are optimised
COST BENEFITS	<ul style="list-style-type: none">• Removes the consistent replacement of soil in highly erosive environments• Provides a long-term solution based on exposed UV conditions
TECHNICAL EVALUATION AND INSTALLATION SUPPORT	<ul style="list-style-type: none">• Installation guidelines are available to assist with efficient and correct installation• Supported by testing from our GRID team where required• Supported by technical assistance from our Geofabrics engineers





PROMOTES THE RESTORATION TO A NATURAL ECOLOGICAL ENVIRONMENT FOR WILDLIFE AND THE COMMUNITY



Designed to protect underlying soil in steep slopes and channels from velocity water flow. It allows seeds to germinate and grow through the matting providing permanent vegetative reinforcement.

GEOFABRICS®



AUSTRALIAN-MADE GEOFABRICS

Geofabrics is the only geotextile manufacturer in Australia, with plants in Albury and Ormeau. We pride ourselves on providing unrivalled service to our customers. We can recommend the best geosynthetic product to achieve the objectives of your project and ensure it's available when you need it.

Over 40 years of experience allows our technical staff to provide practical support, based on local conditions. We are proud to have been recognised in the Australian Financial Review (AFR) Most Innovative Company list in 2020 with Bidim Green.

In 2021, Geofabrics ranked #1 in AFR's Most Innovative Company for Manufacturing and Consumer Goods for Sorbseal.

With a view to the future, we are committed to improving the sustainability of our business by reducing waste to landfill, lowering our carbon emissions and investing in our people.

Visit [geofabrics.co](https://www.geofabrics.co) or call 1300 60 60 20 (AU)
or [geofabrics.co.nz](https://www.geofabrics.co.nz) or call 0800 60 60 20 (NZ)

— FINANCIAL REVIEW **BOSS** —
MOST INNOVATIVE
COMPANIES



GEOFABRICS[®]
Sustainable solutions