

A.G.A. TRM350

A.G.A. Turf Reinforcement

Mat 350 is a tested and proven technology.

A.G.A. TRM350 is constructed from coir fibre matting stitched between high tensile strength UV stabilised PP nets. This provides the strength and longevity that enables

TRM350 to be used for bank protection even where high flow or heavy run off conditions are encountered Complete erosion control and vegetation reinforcement.

Typical applications:

- Erosion control on slopes.
- Erosion control of drainage channels.
- Protection of river banks above and below the water line in high flow areas.
- Protection of shore lines on open water of lakes and reservoirs.
- Protection of venerable newly seeded areas.
- Permanent vegetation reinforcement in wetlands

A.G.A. TRM's

- provide immediate erosion control
- provide a secure environment for seed germination and establishment
- reduce the need for costly topsoil placement
- reduces underlying soil movement following seeding
- reduce installation time compared to synthetic materials.
- heavy PP mesh offers a tensile strength greater than most composites
- can be installed under most climatic conditions
- are clean, light and easy to handle



Concept to Completion

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A.G.A. TURF REINFORCEMENT MATTING 350.

A.G.A. TRM's provide strong, durable and cost effective soil stabilisation. Once established reinforced vegetation will provide long term erosion control.

Seeding of **TRM350** usually is carried out prior to installation. Over pinning composite turf reinforcement mattress provides a micro climate and a permanent shoot reinforcement zone, this offers excellent cover during germination and establishment thus, limiting the damage that can be caused from rainfall or runoff. Using **TRM350** allows quicker establishment of the vegetations roots into the bank and the top growing up through the reinforcing matrix.



SPECIAL PROJECTS .

We are the only company uniquely placed to offer extensive covered and outdoor facilities to pre-grow TRM's with the clients locally harvester or indigenous wildflower and/or grass mixtures.

Our expertise in special projects enables the client to plan ahead, use appropriate seeding and take delivery during ideal conditions.



A.G.A. TRM PRODUCT SPECIFICATION.

Product materials

Coir fibre

Top – middle* and bottom polypropylene nettings with the outer mesh of approx. 18mm x 18mm

Polypropylene thread

Thickness	14mm ASTM D5199
Mass	475/500g/cm ² ASTM D 5261
Tensile Strength (Dry)	MD - 8.0 kN/m ASTM D 4595
*Middle netting — 2% Carbon Black UV Stabilised Corrugated net.	
Roll Width	2m
Roll Length	20m
Coverage	40m ²

This information is subject to change arising from new developments and findings. If you are unable to find the item you are looking for, please do not hesitate to contact us immediately.

The A.G.A. Group installation teams operate solely within the field of aquatic and bioengineering. We operate a policy of 'Best Practice' and are bound by the Code of Conduct of both the Institute of Fisheries Management and the Society of Biology. The A.G.A. Group will quote for the supply of materials, their installation or for 'turnkey' projects.

A.G.A. is Quality assured to: ISO45001 : 2018, ISO9001 : 2015 & ISO 14001 : 2015

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