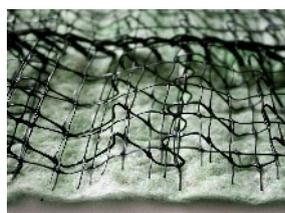


Hy-Tex GrassMat™ Supreme Pre-Seeded Erosion Control Blanket



NEW! reinforced grade now also available



GrassMat™ Supreme is a new biodegradable textile, pre-sown with seed and fertilizer, which provides an easy method for effective vegetation restoration and erosion control on wide variety of landscapes from lawns to steep slopes.

Its innovative construction traps seed and fertilizer securely and evenly within the mat so they cannot be disturbed during handling, transportation, installation and settlement (a common problem with previous blankets). Inside *GrassMat™ Supreme*, the seeds sprout and grow well, protected from washout and deprivation, to give excellent grass cover results. **Easy to Install** Preparing the ground simply requires turning over the upper layer (5-10 cm), removing any pre-existing vegetation and any rocks then levelling.

GrassMat™ Supreme is light, thin, elastic and easy to lay. It doesn't require specialist manpower to install; is fast to lay down (two people can lay 500m² in around 40 minutes on a slope with a 35° to 40° inclination, while on plain surfaces the same operation takes just 20 minutes); can be quickly cut and shaped just using scissors; is easy to carry to those difficult to reach locations and if stocked in a dry place inside its nylon packaging, the product life is longer than one year.

Environmentally Friendly It is an organic product made purely from cellulose fibre, which totally biodegrades over 4 to 5 months (depending on the environment) with any residue enhancing the soil. Unlike previous seed blankets no undesirable plastic retain nets are used, so there is no threat of ensnaring wildlife or fouling maintenance equipment.

The natural green colour gives a pleasant first impression and is better adapted to the landscape.

Improved Plant Growth It contains high quality seeds and granulated fertilizers, precisely proportioned and scattered to provide uniform germination. These elements are firmly kept inside the fibre protecting them from the weather, pathogens, insects and birds.

GrassMat™ Supreme also controls the soil temperature and reduces evaporation - keeping the soil more humid - and helps suppress weed growth.

Custom seed mixtures (including wildflowers) are available to suit the season, local conditions and application.

Erosion Control The immediate close ground adherence of *GrassMat™ Supreme* controls surface erosion from the moment the product is laid down and the matting is designed to provide protection long enough for vegetation to effectively establish. Also by using *GrassMat™ Supreme* all installation tasks are performed during just a single operational, for greater effectiveness and reduced costs compared to unseeded erosion control products. Independent trials have also shown that loose fibre straw/coir blankets are vulnerable to fibre alignment under high flow conditions, which severely compromise the erosion protection properties. However, the structure of *GrassMat™ Supreme* results in a stable matrix that is not susceptible to this problem.

The new *GrassMat™ Supreme "R"* version, which is bonded to a synthetic geomat, provides permanent reinforcement to the grass, even on slopes as steep as 85° and high water flow rates up to 4m/s, with the pre-seeded underlay also acting as an initial filter to control washout of fine soil particles.

GrassMat™ Supreme is ideal for use in conjunction with the Hy-Tex GrassMesh™ range of turf reinforcement meshes in areas where no grass exists to provide a clean surface.

Lawns Perfection Using *GrassMat™ Supreme*, the work needed for the sowing of new lawns is remarkably reduced and the results far better than traditional methods.

Specifications	GrassMat™ Supreme	GrassMat™ Supreme "R"
Material	Cellulose fibre and seed	Cellulose fibre and seed bonded to 3 dimensional UV stabilised pp geomat
Colour	Green (batch shades may vary)	Green + Black
Tensile Strength	md 0.98kN/m, cd 0.60kN/m	md 10kN/m, cd 15kN/m
Elongation	md 42.61%, cd 125.34%	md 20%, cd 15%
Thickness	3mm	20mm
Additional Materials	Granular fertilizers and conditioners	Granular fertilizers and conditioners
Total Weight	250g/m ²	480g/m ²
Roll Size	150m ² (2.15m x 69.80m)	66m ² (2.20m x 30.00m)

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Features of GrassMat™ Supreme

- Contains fertilizer
- 100% biodegradable
- Good mulching effect
- Ideal for sloping surfaces
- Hinders the growth of weeds
- Makes creating lawns easier & effective



Wildlife & Urban
wildflower mixes
also available



Standard Seed Mix

Low Maintenance Erosion Control:

- 60% Strong Creeping Red Fescue
- 20% Chewings Fescue
- 15% Tall Fescue
- 5% Bentgrass

Ideal for stabilising embankments in a variety of landscaping situations. The binding growth habit and deep rooting penetration make this mixture very persistent and drought tolerant.

Custom mixes (including wildflower) are available subject to order quantity.

Usage Instructions GrassMat Supreme Erosion Control

Seed is a live material. It's growth depends on various factors: the climate, the irrigation, the type of soil, etc. We suggest laying down GrassMat Supreme when the temperature is steadily higher than 8°-10°C and lower than 30°C. We also kindly suggest you follow the usage instructions listed below. We use only first grade components, yet it is not possible to guarantee a good result when inclement weather conditions occur, due to usage mistakes or during the grass cover on critical conditions.

- Remove any gravel and the pre-existing grass or vegetation by the roots, turn over the surface soil (the first 10 cm), and work free of clods, rubbish and large stones then smoothly grade the soil.

- Lay GrassMat Supreme down without stretching it, but placing it carefully, making it sure it adheres fully to the ground (this can be help by also watering).

- On scarps and slopes, secure GrassMat Supreme on the top of the slope, anchoring it in a small, a few centimetres deep, cutting if necessary, dug approx. 50 cm over the crest.

- Unroll the biotextile making sure that it remains attached to the ground and secure it using pegs or U-shaped staples, placed at a variable distance, depending on the inclination and on the location and terrain features. On average, 2.5 pin/m² of biotextile.

- It is strongly recommended to also COVER GRASSMAT SUPREME WITH A LIGHT DRESSING OF STERILE LOAM OR SAND.

- GrassMat Supreme can be easily shaped using simple domestic scissors.

- Water daily during the first 25-30 days until the grass surface has completely settled.

- Cut it for the first time when it reaches 10-15 cm.

- WHEN YOU WORK ON POOR SUBSTRATES, BACKFILL WITH AT LEAST 30 CM OF FERTILE COMPOST BEFORE LAYING FABRIC.

- GrassMat Supreme may be laid down on either side.

- GrassMat Supreme is a totally natural product, 100% biodegradable in a period which can vary from four to five months, depending on the ground type and on the environmental and climatic conditions.

On reinforced soil slopes

- Lay GrassMat Supreme under the formwork and any geogrids, arranging it so a 10-15 cm flap is created on the bottom and on the top of the formwork.

- Pierce the biotextile to install the anchor ties.

- Before placing the filling soil, approx. 30 cm of fertile compost should be laid down on the outside and gently compressed.

- Carry on the setting up of the reinforced soil as usual.

- According to the temperature and the daytime lighting, water frequently until the grass surface has completely settled.

- Cut the grass for the first time when it has reached 10-15 cm.

