

網頁- 水土保持塑膠押出網

Website : 植草網(Turf reinforcement grass mesh)

透水網(Drainage & protection mesh)

蛇籠網(Soil stabilization mesh)

植草網(Turf reinforcement grass mesh)

Web-search: turf reinforcement nets (mesh)

http://www.tenax.net/construction/turf_reinforcement.htm

Turf reinforcement



The advantages of Turf Reinforcement TR

once the grass has grown through the mesh, it becomes invisible

easy to install

does not scratch or cut

TENAX TR is a very strong, high density polyethylene net. Once installed, it provides a very stable surface, perfectly suitable to withstand the loading of cars and light-weight trucks. TENAX TR protects from rutting due to car traffic and ensures a good grasp for grass roots. It's ideal for car parking during events, concerts or exhibitions, for storage of roulottes or caravans, or for green games areas The finished effect is a naturally green environment with a stabilised surface.

PRODUCT	SIZE m	MESH mm	COLOUR
TENAX TR	2,00x30	30x27	green

TENAX TR

EXTRUDED NET

PHYSICAL AND DIMENSIONAL CHARACTERISTICS

Polymer HDPE

Mesh shape RHOMBOIDAL

Packaging ROLLS WITH IDENTIFICATION LABEL

Color GREEN BLACK

MD pitch mm 35,0 longitudinal direction

TD pitch mm 33,0 transversal direction.

Unit weight g/m² 640

Roll width m 2,00

Roll length m 30,0

Covered area m² 60,0

Roll diameter m 0,43

Roll volume m³ 0,37

Roll weight kg 38,4

MECHANICAL CHARACTERISTICS

Tensile strength MD kN/m 4,5

Tensile strength TD kN/m 4,5

Yield point elongation MD % 60,0

Yield point elongation TD % 40,0



The advantages of Turf Reinforcement GP

economic

easy to install

protects the grass

ideal for large areas

available 30 cm J pegs for fixing

PRODUCT	SIZE m	MESH mm	COLOUR
TENAX GP	2,00x20	8x15	green

TENAX GP ESP.

EXTRUDED NET

PHYSICAL AND DIMENSIONAL CHARACTERISTICS

Polymer HDPE + FOAMING AGENT

Mesh shape RHOMBOIDAL

Packaging ROLLS WITH IDENTIFICATION LABEL

Color GREEN

Thickness mm 14,0

MD pitch mm 28,0 longitudinal direction

TD pitch mm 20,0 transversal direction.

Unit weight g/m² 2000

Roll width m 2,00

Roll length m 20,0

Covered area m² 40,0

Roll diameter m 0,73

Roll volume m³ 1,12

Roll weight kg 80,0

MECHANICAL CHARACTERISTICS

Tensile strength MD 13.0 kN/m ISO 10319

Yield point elongation MD 30.0 % ISO 10319

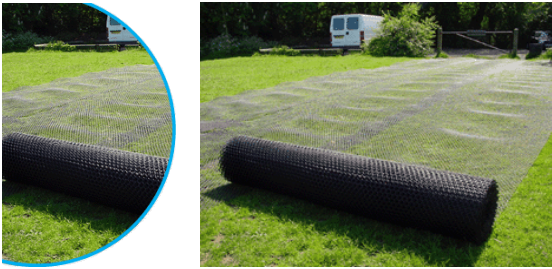
Residual thickness at 500 kPa (70 psi) 50.0 % ASTM D1621

The data contained in this publication are based on the knowledge available at the time of printing and may be subjected to amendments due to changes of the methods of testing and/or manufacturing. All dimensions and properties are reported as typical values.

TENAX nets are thermoplastic products subjected to shrinkage and deformations. MD: longitudinal direction. TD: transversal direction.

Tenax SpA Quality System has been assessed and registered in agreement with ISO 9001:2000 Standard. <http://www.boddingtons-ltd.com/pages/catalog/024turfrein.htm>

TURF REINFORCEMENT MESH



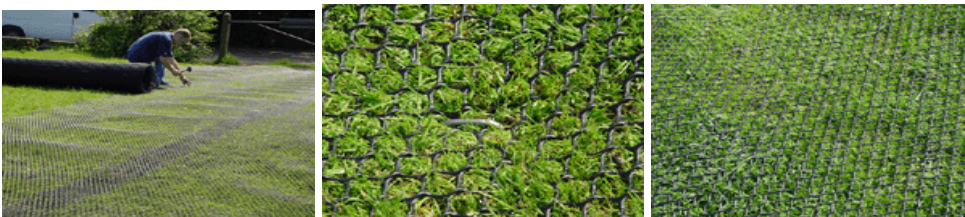
Turf Reinforcement Mesh A high quality extruded HDPE Geo-net. Turf Reinforcement mesh is ideal for the temporary or permanent reinforcement of grassed areas. It is essential that the mesh should be laid down in spring when the grass will grow quickly through the mesh and the root mass will form an interlock with the mesh filaments (this usually takes approx. one growing season). The protected area will soon resume its natural appearance providing a stable surface which will withstand the weight of vehicles and heavy pedestrian usage.

Overflow carparks

Pedestrianised grassed areas

Small aircraft taxiways

Installation Instructions



Roll out the mesh over the area to be protected & stabilised

Overlap adjacent rolls of mesh at least 150mm

Secure at 1m intervals with metal U-pins

Allow the grass to grow through. The result will be reinforced turf

A full installation procedure is shown below

Boddingtons Turf Reinforcement mesh is a strong extruded high-density polyethylene mesh. Supplied in 2m wide x 30m long rolls, it can provide excellent turf reinforcement if used and fixed as directed.

Once fixed in place grass will grow through the mesh and may then be mown, rolled and fertilised as usual. When fully established (normally a full growing season will be required) the mesh will be invisible and the turf will have a normal appearance. The intertwining of the grass roots with the mesh gives the turf the strength to resist light traffic and temporary car parking.

It is strongly recommended that installation be carried out during the growing season to allow a strong

interlock between the mesh and the grass roots. Turf reinforcement is only effective if the grass is allowed enough time to grow and interlock with the mesh. A full growing season should be allowed before using the area.

Installation on Existing Grassed areas

Fill any depressions with a 70:30 mixture of sharp sand and topsoil, level and firm. Cut grass short. Unroll the mesh and fix one end using our metal U-Pins. Pull taut, and pin approx. every 1m either side of the mesh ensuring mesh lies flat to surface.

Lay adjacent rolls next to the fixed mesh and overlap at least 150mm and repeat the fixing process.

Secure overlaps and all external edges every 1 metre.

When you are satisfied that the mesh is laid flat and securely, brush a dressing of good quality sandy topsoil over the mesh. Ensure that the mesh filaments are covered and the apertures are filled. This will help promote root growth around the mesh.

Any areas that have been levelled with sandy topsoil should be seeded.

Pedestrians and traffic should be kept off the treated areas until the grass has become fully established over the mesh. This usually takes at least one growing season.

Initial mowing can be done, but set mowers to cut fairly high, so that contact with the mesh is not made.

When the grass is established and the roots are entwined with the mesh, the grass can be cut normally.

Newly Sown Areas

Ensure that the surface is level, filling any uneven areas with a mixture of sharp sand and topsoil. Remove any debris / stones or rocks.

Thoroughly prepare the surface and firm.

Continue with Points 2-8 as above

Part Number

SIZE	COLOUR	MESH APERTURE	WEIGHT	PART NUMBER
2m x 30m	Black	27mm x 23mm (nominal)	550g/m2	B1200MO9U87



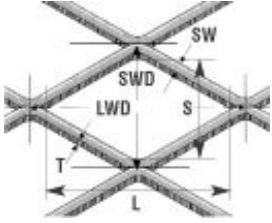
U-Pins

To secure Turf Reinforcement mesh to the ground, use our metal U-Pins at 1m intervals.

MATERIAL	SIZE	OTHER	PART NUMBER
Steel	150mm x 8mm	50 in bag	X1000143

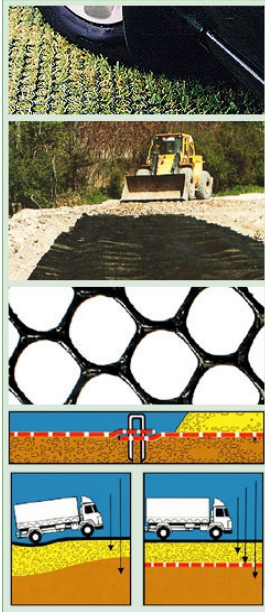


Please note that the information above is given as a guide only. Boddingtons cannot be liable for damage caused by incorrect installation of this product. Final determination of the suitability of any information or material for the use contemplated and the manner of its use is the sole responsibility of the user and the user must assume all risk and responsibility in connection therewith.

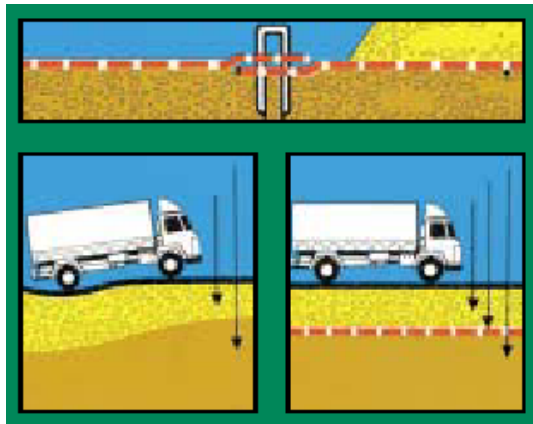


http://www.tildenet.co.uk/acatalog/Construction_Turf_Reinforcement.html

Turf Reinforcement Mesh



Turf Reinforcement Mesh supports the ground under heavy traffic.



Turf Reinforcement Mesh supports the ground under heavy traffic.

Grass-grown areas can be reinforced with Tildenet Turf Reinforcement Mesh, allowing them to be used for parking spaces or exposed to heavy loads. **Mesh** 27mm **Size** 2m x 25m Colour - Black

http://www.heitonuk.com/pdf/turf_reinforcement_mesh.pdf

Our Turf Reinforcement Mesh is a temporary solution to soil or grass erosion caused by pedestrian or vehicular traffic. Easily laid, the mesh provides a reinforced surface suitable for lightweight vehicular loadings, whilst maintaining an attractive appearance.

The mesh is supplied green in colour, so that as grass grows through the mesh, the root mass will interlock and the protected area will quickly resume its natural appearance.

Our turf reinforcement mesh is manufactured from lightweight HDPE and is supplied in 2m x 30m rolls with a mesh size of 27mm x 27mm. Our turf mesh is rot proof, UV stabilised and resistant to both chemicals and fungi. Where a wide area is to be protected, the mesh should be overlaid and held down with Anchor Pins.

Applications

- Pathways
- Temporary Car Parking

Size & Composition

- 2m x 30m
- Anchor Pins supplied 100/bag

2 pins/1m required

- Extruded polymer construction

Benefits

- Rot proof
- Chemical and fungi resistant
- UV Stabilised

Turf Reinforcement Mesh from Cooper Clarke is the ideal solution for protecting the grass surface of temporary car parks. When laid, the product provides a stable surface which will withstand the weight of lightweight vehicles and heavy pedestrian use. Where a wide area is to be protected, the mesh should be overlaid and held down with Anchor Pins.

PREMIUM STANDARD PREMIUM STANDARD

Polymer HDPE HDPE Tensile Strength MD 4.5kN/m 3.5kN/m

Mesh Size 27mm x 27mm 27mm x 27mm Tensile Strength TD 4.5kN/m 3.5kN/m

Colour Green Green Yield Point Elongation MD 60% 50%

Weight/m² 2.0m 2.0m Yield Point Elongation TD 40% 30%

Roll Width 30m 30m Roll Weight 38.4kg 27kg

Covered Area 60m² 60m² Roll Diameter 0.43m 0.41m

Technical Specifications

Anchor Pins

The table above details the products technical specifications. If further details are required, please contact the sales office. For best results, the reinforcement mesh should be laid in spring so the grass will grow through the mesh and the root mass will interlock with the mesh so the protected area will quickly resume its natural appearance.

A Heiton Group Company

TURF REINFORCEMENT MESH

Catteshall Lane, Godalming Surrey, GU7 1FT Tel: 01483 428106 Fax: 01483 521001 Bloomfield Road, Farnworth Bolton, BL4 9LP Tel: 01204 862222 Fax: 01204 793856

<http://www.expo-net.dk/sw179.asp>

Reinforcement Net



EXPO-NET Reinforcement Net - A simple and reliable solution to obtain a stable foundation

EXPO-NET Reinforcement Net has innumerable application possibilities.

Used for road surfacing and foundation engineering, the net prevents foundation material from sinking down into the lower layer, and it disperses the pressure throughout the whole area because of its rigidity thereby reducing settlements.

EXPO-NET Reinforcement Net enhances the bearing power because of the high frictional and tensile strength in the net. Furthermore, the special structure of the net gives a rapid water pressure dispersal adding to the draining effect. EXPO-NET Reinforcement Net can also be used for reinforcement of parking spaces and hillsides.

Grass-grown areas can with great advantage be reinforced with one of the EXPO-NET Reinforcement Net types when the area is to be used as a temporary road, for large construction works, parking space in connection with an exhibition etc.

EXPO-NET Reinforcement Net can also be used for reinforcement of slopes, which helps avoiding erosion and advances natural vegetation.

The following standard types are included in our wide range of products



Type: EXPO-1211-200cm

Mesh size: 8 x 6mm Thread: 3mm Width: 200cm Length: 25m Colour: Black



Type: EXPO-1311-200cm

Mesh size: 27 x 27mm Thread: 5mm Width: 200cm Length: 25m Colour: Black

http://www.hy-tex.co.uk/ht_geo_tr.html

Hy-Tex GrassMesh Reinforcement & Protection Meshes



Introduction

The **Hy-Tex GrassMesh** range are robust extruded high-density polyethylene grids which are typically used to provide a discrete method to improve wear resistance and reinforcement whilst maintaining the appearance of grassed areas used as temporary car parks or that experience heavy pedestrian use - thus offering organisers of outdoor events with a practical method to preserve grassed areas.

They are also ideal for recreation areas, caravan parks, access routes, light aircraft taxiways and urban parkland verges.

All grids are UV stabilised, tough, and rot proof to provide a long service life.

Hy-Tex GrassMesh Light is best suited to light load permanent applications such as pedestrian and disabled paths or anti ball plugging on golf courses.

Hy-Tex GrassMesh Medium is a premium grade, tough, flexible, open mesh designed for permanent turf reinforcement on grass areas used for occasional car parks and footpaths.

Hy-Tex GrassMesh Heavy-Duty is a stronger, dense, grass protection mesh with a rough finish for temporary and permanent applications, which is designed for more immediate access and/or to withstand heavier loads or more frequent trafficking from vehicles and trucks (up to 8 tonnes per axle) while protecting the grass from damage and rutting.

Hy-Tex GrassMesh GrassTrack is a heavy-duty mesh bonded to a geotextile which is designed to control pumping of mud up through the mesh on grass areas which are particularly wet or muddy. With the geotextile laid to the ground GrassTrack can be unrolled over problem areas to allow access by cars and light vans; while laid with the geotextile to the top it provides safe and clean access by pedestrians.

Installation

For permanent applications it is strongly recommended that installation be carried out during the growing season to allow a strong interlock between the mesh and the grass roots, as the intertwining of the roots with the mesh gives the turf the strength to resist light traffic and temporary car parking. Therefore sufficient time must be allowed for the grass to fully establish before using the area (Especially Light and Medium grades).

It is also recommended to address any drainage issues before installing the meshes. Once fixed in place grass will grow through the mesh and may then be mown, rolled and fertilised as usual. When fully established the mesh will be invisible and the turf will have a normal appearance.

Detailed installation guidelines available on request.

Turf Meshes

Robust extruded plastic meshes that improve load bearing and wear resistance of grassed areas used for occasional carparks.

Introduction

Hy-Tex **Polymat™** is a three dimensional, cusped erosion control geomat made from extruded polypropylene monofilaments.

Erosion Control

Hy-Tex **Polymat™** is the ideal solution where vegetation requires permanent assistance protecting the ground from weather and water erosion.

The dense fused strands imitate the role of a root matrix - binding and trapping soil particles, as well as fertile humus, and reinforcing the soil.

Vegetation Promotion

Hy-Tex **Polymat™** provides stable conditions for rapid development of vegetation. The filaments also offer long term support to the developing plant root matrix, assisting them to resist undermining by harsh erosion forces.

Typical Applications

Hy-Tex **Polymat™** is recommended on sites where established vegetation alone is unable to resist erosion. Such locations can include riverbanks, drainage channels and steep slopes.

Hy-Tex **Polymat™** is a three dimensional, cusped erosion control geomat made from extruded polypropylene monofilaments

<http://www.tenax.co.uk/c/cata/popu/turfreinforcementmesh.php>

Turf Reinforcement Mesh

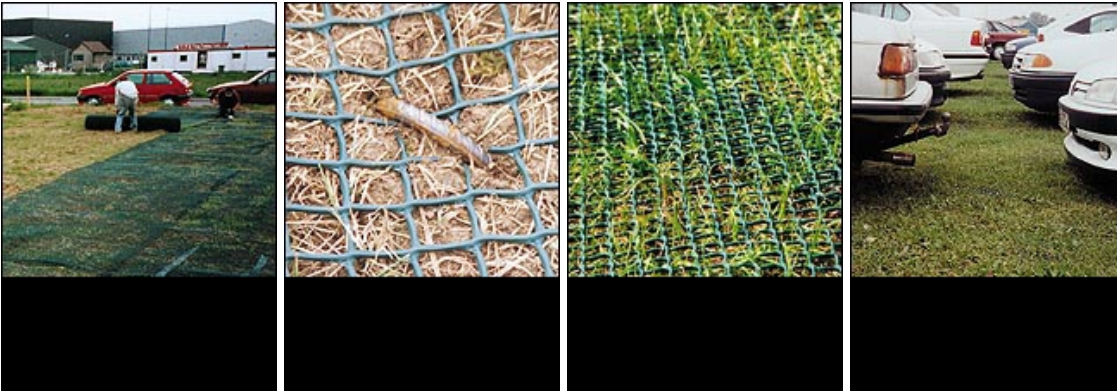


Tenax Turf Reinforcement Mesh is a tough extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles and pedestrians. For best results the mesh should be laid down in spring when the grass will grow quickly through the mesh and the root mass will form an interlock with the mesh filaments. The protected area will soon resume its natural appearance providing a stable surface which will withstand the weight of lightweight vehicles and heavy pedestrian use.

Code	Roll Size	Mesh Size	Mate Colour/material	Weight/m2
61620308	2.0m x 30m	27mm x 27mm	Green/HDPE	640gm

http://www.tenax.co.uk/c/cata/popu/trm_instructions.php

How to install Turf Reinforcement Mesh



Stage 1

Roll out the mesh over the area to be protected and stabilised.

Stage 2

Secure the mesh to the ground with metal U-Pins.

Stage 3

Allow the grass to grow through the mesh and intertwine with the filaments.

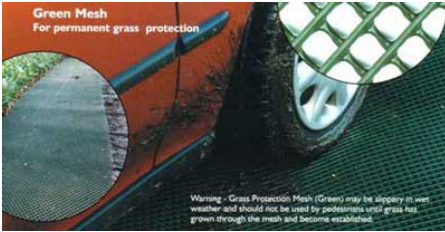
Stage 4

The result is a stabilised area that will protect grass roots and prevent rutting.

<http://plasticsbypost.net/turf%20reinforement.htm>

TURF REINFORCEMENT MESH

Consists of a tough extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles or people. For the best results the mesh should be laid down in spring when the grass will grow quickly through the mesh and the root mass will form an interlock with the mesh filaments. The protected area will soon resume its natural appearance providing a stable surface which will withstand the weight of cars and heavy pedestrian use. There are three differing meshes, dependant on the level of traffic envisaged, The Black TURFMESH incorporates a special foaming agent to give it more bulk and can therefore be used for temporary as well as permanent applications.



TURFMESH 2.25 kilo per sq. metre Mesh size 15mm x 15mm

2m x 20m green - £365.00

2m x 20m black - £395.00

strong metal U Stakes to hold down mesh

TURFGUARD640 gm per sq metre Mesh size 27mm x 27mm

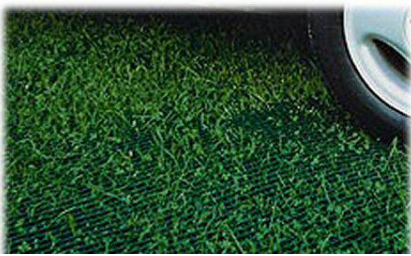
2m x 10m green - £99.00

2m x 30m black - £265.00

£6.00 per 10

http://www.mcveighparker.co.uk/acatalog/Ground_stabilisation_mesh.html

Turf Reinforcement 2m x 30m £199.00 150mm U-Pin for Reinforcement Mesh £0.59



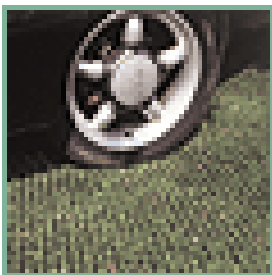
Turf Reinforcement 2m x 30m NET290

Stabilizes a grass area allowing for lightweight vehicle and heavy pedestrian use. Best laid in spring so the grass will grow more quickly binding with the mesh and will quickly resume its natural appearance

http://www.netlon.com/_turfsystems/introduction.htm

Grass is the most aesthetically pleasing surface covering for large areas. It does, however, have some natural disadvantages - particularly when subjected to heavy wear and bad weather conditions.

Netlon Turf Systems, a division of Tensar International Ltd, and an acknowledged leader in the development and application of plastic mesh products for horticulture, civil engineering and agriculture has developed a range of technologies and products to improve the capabilities of grassed areas to withstand heavy and intensive wear:



An easy to install preventative treatment which combats surface wear and makes grassed

areas accessible for pedestrian and light vehicular traffic. [Learn More](#)

http://www.netlon.com/_turfsystems/techlit/Turfguard_InstallationGuidance.pdf

TURF SYSTEMS

nts | tg2 | oct2000

Netlon Turfguard installation & specification advice T U R F S Y S T E M S New Wellington Street,
Blackburn BB2 4PJ, UK. Telephone: +44 (0)1254 262431 Fax: +44 (0)1254 266868 E-
mail:turf@netlon.co.uk

Netlon Turfguard is an extruded polyethylene mesh, which is tough, flexible and long lasting.
Supplied in 30m x 2m rolls, Turfguard can be effectively employed over stable ground by simply
unrolling and anchoring adjacent and successive lengths.

After a suitable period of time, the grass will grow through the mesh and reach a convenient height to be
mown.

The area quickly adopts a natural appearance with the grass plants intertwined with the mesh to provide
permanent protection against wear.

Installation is best carried out during the growing season to allow a strong interlock between the mesh and
the sward.

Existing Grassed Areas

1. Cut the existing grass as short as possible. Ensure the surface is reasonably level, fill local depressions
with a 70:30 mixture of sharp sand and topsoil and firm the surface.
2. Unroll the Turfguard and lay out flat over the prepared surface. Fix one end with Turfguard Pegs or steel
pins depending on ground conditions. Pull the roll taut and pin the opposite end. Alternatively, the ends of
the rolls may be trenched into the surface, firmed down and pegged as normal.
3. Adjacent rolls should be overlapped by 150mm.
4. Secure overlaps and all external edges with pegs at <1.2m centres and locally where any bridging or
rippling of the rolls is evident.
5. Brush a dressing of good quality, sandy topsoil over the entire area to just cover the mesh ribs and fill the
apertures. This will promote early root growth around the mesh and increase stability.
6. Apply a suitable grass seed dressing over areas which were previously bare of grass or which have
received more than a 25mm covering of sandy topsoil.
7. Traffic and pedestrians should be kept off the treated area until the grass sward has become fully
established. This is normally one full growing season.
8. Mower blades should be set high for the first 2-3 cuts. Light rolling and application of fertilizers and turf
maintenance products can be carried out as required.

Newly Sown Areas

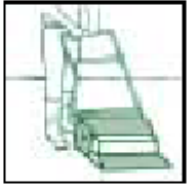
1. The ground surface should be reasonably level and cleared of debris and any local depressions should be
infilled with a mixture of sharp sand and top soil.
2. Prepare the surface as a cultivated and well firmed seedbed.
3. Continue with points 2-8 as above.

The information in this document is of an illustrative nature and is supplied without charge. It does not
form part of any contract or intended contract with the
user. Final determination of the suitability of any information or material for the use contemplated and the
manner of its use is the sole responsibility of the user
and the user must assume all risk and responsibility in connection therewith.

Netlon Advanced Turf is patented in the UK, the USA and other countries.

For further product and installation advice please contact Netlon Ltd.

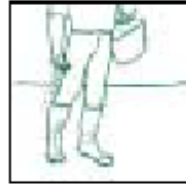
Installation



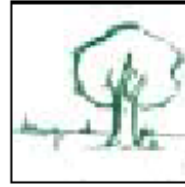
1. Cut grass and prepare a level surface.



2. Unroll and peg down mesh.



3. Cover lightly with sandy soil and seed.



4. Leave to establish.

1. Cut grass and prepare a level surface. Installation
2. Unroll and peg down mesh.
3. Cover lightly with sandy soil and seed.
4. Leave to establish. Product: Netlon Turfguard

Polymer: High Density Polyethylene

Weight: 0.65kg/m²

Tensile Strength: 5.8kN/m.

Mesh Size: 27mm. Round

Roll size: 30m x 2m

Colour: Black

Turfguard Specifications

http://www.flexibulk.co.uk/fleximas_web/hm_profes.html

Intermas manufacture a wide range of Ground Stabilisation, Grass Reinforcement, Grass Protection and Land Erosion meshes.

Intermas Grass Protection Mesh

Intermas Grass Protection Mesh **helps to alleviate problems with outdoor events** and the resulting damage to grassed areas.

Grass Protection Mesh is a thick, heavy-duty polymer grid, which protects and reinforces grassed areas, protecting the grass roots from damage and help prevent rutting.

The mesh also makes an ideal drainage platform for plants and shrubs in glasshouses.

REF.	ROLL SIZE	COLOUR	POLYMER	MESH	THICKNESS	WEIGHT
5217/150	1.5 x 50 m	Black	HDPE - Foamed	Rhombic	11 mm	3000g/m ²
5330/150	1.5 x 50 m	Black	HDPE - Foamed	Rhombic	8 mm	860 g/m ²

Ground Reinforcement Products

Ground Stabilisation Mesh

Ground Stabilisation Mesh is an extruded HDPE geo-net and is ideal for the prevention of deep mudded areas made by vehicles on soil / grass tracks and farm gateways. The

strands of the mesh interlock with the top layer of soil or stone, improving surface stability

Intermas Grass Reinforcement Mesh

Intermas Grass Reinforcement Mesh is a tough extruded polymer open mesh grid used to permanently reinforce grassed areas used by vehicles and pedestrians. The mesh and the roots intertwine giving the turf the strength required. When the grass is established the mesh will be invisible.

Intermas Grass Protection Mesh

Intermas Grass Protection Mesh helps to alleviate problems with outdoor events and the resulting damage to grassed areas.

Grass Protection Mesh is a thick, heavy duty polymer grid, which protects and reinforces grassed areas, protecting the grass roots from damage and help prevent rutting.

Ground Stabilisation Mesh

Ground Stabilisation Mesh is an extruded HDPE geo-net and is ideal for the prevention of impassable, deep mudded areas made by vehicles on soil / grass tracks and farm gateways. The ground stabilization mesh filaments interlock with the top layer of soil or stone, improving surface stability.

It can be used in the construction of small roads to prevent surface deformation caused by penetration of the granular sub-base into the soft sub-grade.

- Road embankments & slopes
- Farm gateways
- Grass & soil tracks
- Grassed/soil areas being used by heavy farm machinery

Installation

The surface should be leveled and any deep ruts filled with crushed stone. The Ground Stabilising Mesh can then be rolled out over the prepared site and covered evenly with the required depth of stone. (Type 1 Road Stone - approx. 250mm minimum). The depth of stone will depend on the ground conditions and the purpose for which the access or track is required.

The protected area can then be used immediately and over a period of time will compact even more resulting in a permanent access route. Note: In severe muddy situations, it is advisable to install an effective drainage system.

Ground Stabilisation Mesh is available in green and black, varying mesh sizes and weights. For example:

ROLL SIZE	COLOUR	MESH	WEIGHT
2m x 30m	Black / Green	27mm x 27mm	660g/m ²

2m x 30m	Black / Green	7mm x 7mm	730g/m ²
2m x 50m	Black / Green	75mm x 50 mm	250 g / m ²

Intermas Grass Reinforcement Mesh

Intermas Grass Reinforcement Mesh is a tough extruded polymer open mesh grid for the permanent reinforcement of grassed areas used by vehicles and pedestrians. It is also ideal for recreation areas, caravan parks, access routes, light aircraft taxiways and urban parkland verges

Installation

It is strongly recommended that installation be carried out during the growing season to allow a strong interlock between the mesh and the grass roots, as the intertwining of the roots with the mesh gives the turf the strength to resist light traffic and temporary car parking. Therefore a full growing season must be allowed before using the area

Once fixed in place, the grass will grow through the mesh and may then be mown, rolled and fertilised as usual. When fully established the mesh will be invisible and the turf will have a normal appearance

Where a wide area is to be protected, the mesh should be overlapped and the layers held down with metal U or J pins.



SIZE	COLOUR	MESH	WEIGHT
2m x 35m	Black	32mm x 32mm	660g/m ²

Land Erosion

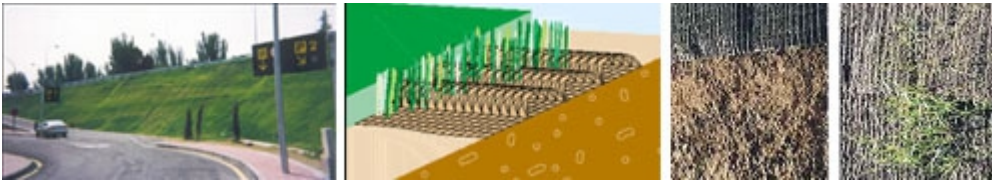
For the prevention of land erosion, Intermas have three products – **CELLNET / BIO ROLLS / TRINTER**

CELLNET

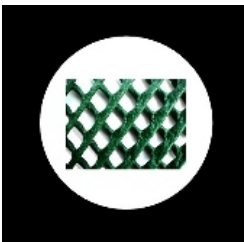
Cellnet is a completely new erosion control net, which is an extruded net with a cellular structure which combines to give the following advantages:

- Cellnet's cellular structure is effective for holding large volumes of soil
- Produced from an extruded net, it has very good drainage capacity CELLNET. Size 2 x 3m. Weight 1067 g / m²

CELLNET. Size 2 x 3m. Weight 1067 g / m²



http://www.horsemat.co.uk/My_Homepage_Files/Page8.html



To produce a firmer surface, on drives, parking areas, gateways - or wherever there are problems with soft ground, we offer three main types of Grass Reinforcement Mesh.

The standard mesh is suitable for temporary car parks and general light duty, while the premium mesh is more suited to semi-permanent parking areas, vehicle and animal pathways and medium wear areas.

Our heavy duty mesh is suitable for vehicles with axle weights up to 8.5 tonnes and offers a highly durable solution to most soft-ground problems. All the types are simply laid and pinned down - allowing the grass to grow through, or being oversown. As the grass root mass grows around the mesh any load applied over the area is supported by the mesh ensuring those water filled ruts don't reappear!

Our rubber hollow matting can also be used in areas where grass growth will take some time - rubber unlike plastic offers a non-slip surface even when wet, and again any weight applied is supported by the full mat area.

http://www.horsemat.co.uk/My_Homepage_Files/Page9.html

Standard Grass Reinforcement Mesh

A tough grass reinforcement mesh produced as an extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles, pedestrians and animals.

Technical Specification

Polymer High Density Polyethylene (HDPE)

Mesh Size 27mm x 27mm

Colour Green

Weight 450 g / m²

Roll Width 2m

Roll Length 30m

Covered Area 60 m²

Roll Diameter 0.41m

Tensile Strength MD 3.5kN/m

Tensile Strength TD 3.5kN/m

Yield Point Elongation MD 50%

Yield Point Elongation TD 30%

Roll Volume 0.3m³

Roll Weight 27kg

For best results the mesh should be laid down in Spring when the grass will grow quickly through the mesh and the root mass will interlock with the mesh filaments. The protected area will soon resume its natural appearance, providing a stable surface which will withstand the weight of lightweight vehicles and heavy foot use.

Where a large area is to be covered the mesh should be overlapped and the layers held down with metal U or J pins.

The mesh uses its strength to disperse the weight placed upon it thus creating a more stable platform.

Seeding can be made over the mesh once laid by simply mixing the grass seed with coarse sand and soil and spreading over the mesh surface. As with all newly sown surfaces however, you should allow ample time for the root system to establish before use. On clay soils or in extra muddy conditions, adequate drainage and the introduction of aggregates may be advisable to adjust the soil structure.

http://www.horsemat.co.uk/My_Homepage_Files/Page10.html

Premium Grass Reinforcement Mesh

A tough grass reinforcement mesh produced as an extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles, pedestrians and animals.

Higher tensile strength than our Standard Mesh grade, this mat is designed for more arduous conditions.

Technical Specification

Polymer High Density Polyethylene (HDPE)

Mesh Size 27mm x 27mm

Colour Green

Weight 640 g / m² Roll Width 2m

Roll Length 30m

Covered Area 60 m² Roll Diameter 0.43m

Tensile Strength MD 4.5kN/m

Tensile Strength TD 4.5kN/m

Yield Point Elongation MD 60%

Yield Point Elongation TD 40%

Roll Volume 0.37m³

Roll Weight 38.4kg

For best results the mesh should be laid down in Spring when the grass will grow quickly through the mesh and the root mass will interlock with the mesh filaments. The protected area will soon resume its natural appearance, providing a stable surface which will withstand the weight of lightweight vehicles and heavy foot use. Where a large area is to

be covered the mesh should be overlapped and the layers held down with metal U or J pins. The mesh uses its strength to disperse the weight placed upon it thus creating a more stable platform.

Seeding can be made over the mesh once laid by simply mixing the grass seed with coarse sand and soil and spreading over the mesh surface. As with all newly sown surfaces however, you should allow ample time for the root system to establish before use. On clay soils or in extra muddy conditions, adequate drainage and the introduction of aggregates may be advisable to adjust the soil structure.

http://www.horsemat.co.uk/My_Homepage_Files/Page11.html

Heavy Duty Grass Reinforcement Mesh

This mesh is designed as almost total protection for grassed areas for all types of outdoor event. It is suitable for use with vehicles up to 8 tonnes per axle and can be used as temporary or permanent protection.

Technical Specification

Polymer High Density Polyethylene (HDPE)

Mesh Size 15mm x 15mm

Overall Thickness 17mm

Colour Green

Weight 2.2kg / m² Roll Width 2m

Roll Length 20m

Covered Area 40 m² Roll Diameter 0.63m

Tensile Strength MD 21.0kN/m

Yield Point Elongation MD 40%

Residual Thickness 90% at 1000kPa

Volume 0.83m³

Roll Weight 90kg

For best results the mesh should be laid down in Spring when the grass will grow quickly through the mesh and the root mass will interlock with the mesh filaments. The protected area will soon resume its natural appearance, providing a stable surface for all types of wear. This mesh may be slippery when wet and it is not advisable to use the mesh until the grass is established through it.

Pinning with metal U or J pins is standard procedure - we can supply full fitting instructions on request.

Seeding can be made over the mesh once laid by simply mixing grass seed with coarse sand and soil and spreading over the mesh surface. As with all newly sown surfaces however, you should allow ample time for the root system to establish before use. On clay soils or in extra muddy conditions, adequate drainage and the introduction of aggregates may be advisable to adjust the soil structure.

Easy Grass

This is a pre-sown biotextile produced from cellulose which is totally biodegradable. The material is used for landscaping, soil bio-engineering, the prevention of soil erosion on slopes etc and for gardening.

Technical Specification

Cellulose spunbound (PP) Biotextile

Overall Thickness 2mm

Colour Natural

Weight 150g/ m²> Roll Size 1.05m x 90m and 2.15m x 50m

Covered Area 90 m² or 100 m²> Roll Weight 15kg or 16kg

Contains Seed and Fertiliser (special orders can include wild flower seed etc)

Helps reduce weed growth while grass germinates

Ideal for slopes and windy areas

http://www.horsemat.co.uk/My_Homepage_Files/Page27.html

Easy Grass is a pre-sown textile designed for the easy and effective creation of lawns and grassed areas. The mesh produces an even growth of seed and reduces bare patches often associated with more traditional methods of planting.

Encapsulated in the spunbound fabric, the seed is protected from birds and insects while the specific mix in the standard material offers a hard-wearing grass and is ideal for use in conjunction with other Grass Protection Mesh products.

The material is very simple to use: prepare the ground as with traditional sowing (turn the soil, crumble big clods and level, place the textile onto the ground (water enough to make it adhere; for slopes or windy weather a few pegs guarantee stability), water every day in the first 20 - 25 days until total germination.

The material can be cut with normal domestic scissors and as it is simply laid onto the ground there is no seed loss through over-depth planting.

<http://www.safetyflooringuk.co.uk/temporary-surfaces/turf-mesh.php>



Tenax Turf Reinforcement Mesh



Turf reinforcing mesh (Ref: 61620308) is a tough, yet lightweight, extruded polymer grid used for reinforcing grass areas used by pedestrians and light vehicles.

This material made by Tenax, is suitable for parking areas, footpaths, light aircraft parking and taxiways caravan parks, heavily used lawns, grass verges and similar applications. It is normally installed for permanent support or stabilisation.

- Material: HDPE polymer
- Colour: Green
- Mesh Size: 27mm x 27mm
- Standard or Premium Weights
- Weight: 450/640g per sq m
- Roll Size: 30m x 2m
- Roll Weight: 27/38.4kg

<http://www.safetyflooringuk.co.uk/temporary-surfaces/grass-mesh.php>

Tenax Grass Protection Mesh

	
<p style="text-align: center;"><i>Grass Temporary Protection Mesh</i></p>	<p style="text-align: center;"><i>Grass Temporary Protection Mesh</i></p>

Grass protection mesh (Ref: 80058306) can be used in permanent or temporary situations. It is a heavy duty extruded polymer grid, capable of withstanding loads up to 8te axleweight. This tough mesh by Tenax can be rolled out for permanent protection, preferably in Spring so that the grass can grow through the grid and the roots interlock with the material.

It can also be used temporarily to provide roadways and walkways for outdoor events and activities. It can be used to protect sports and playing fields then rolled away for use another time.

- Material: HDPE polymer with foaming agent
- Colour: Green
- Mesh Size: 15mm x 15mm
- Thickness: 14mm
- Weight: 2kg per sq m
- Roll Size: 20m x 2m
- Roll Weight: 80kg

All prices exclude delivery and VAT unless stated otherwise. Pictures of products are for guidance only. Colours cannot be reproduced accurately due to technical reasons. Please ask for samples where available. We endeavour to keep all information up to date but cannot guarantee availability of any product. Information on this page is subject to change without notice. Carpet Time, its staff and associated companies accept no liability for loss or injury arising from use of the information on this web site.

<http://www.safetyflooringuk.co.uk/temporary-surfaces/grasstrack.php>

GrassTrack Temporary Ground Protection by Tenax

NEW - the latest solution to your temporary path and roadway problems

This heavy duty, strong and versatile polymer mesh can be used to create temporary roads, paths and flooring on wet, soft or muddy ground.

With a high strength textile membrane bonded to one side, GrassTrack from Tenax is reversible to suit different conditions and site requirements. For heavy traffic such as cars and light vans, the mesh is laid uppermost to give good grip and prevent mud from oozing up through the grid and causing it to sink in.

When the membrane is uppermost, Tenax GrassTrack becomes a firm, flat surface for pedestrians. Again the mud is trapped under the mebrane, providing a dry, clean and safe surface to walk on.

GrassTrack is ideal for:

Temporary paths

Ground Protection

Concerts

Exhibitions and Shows

Private Functions

GrassTrack's main features:

UV stabilised and rot-proof

Chemical Resistant

Versatile Dual Surface

Easy Roll Out Installation

Re-usable

15mm x 15mm mesh size

14mm Thick

Specification

Material: HDPE and Geotextile

Colour: Green

Mesh Size: 15mm x 15mm

Weight: 2kg per sq m

Roll Size: 20m x 1.9m

Roll Weight: 80kg

[Industrial](#) [Hygiene](#) [Sport](#) [Temporary surfaces](#) [General Enquiries](#) [Home](#)

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When the membrane is uppermost, Tenax GrassTrack becomes a firm, flat surface for pedestrians. Again the mud is trapped under the membrane, providing a dry, clean and safe surface to walk on.

GrassTrack is ideal for:

- Temporary paths
- Ground Protection

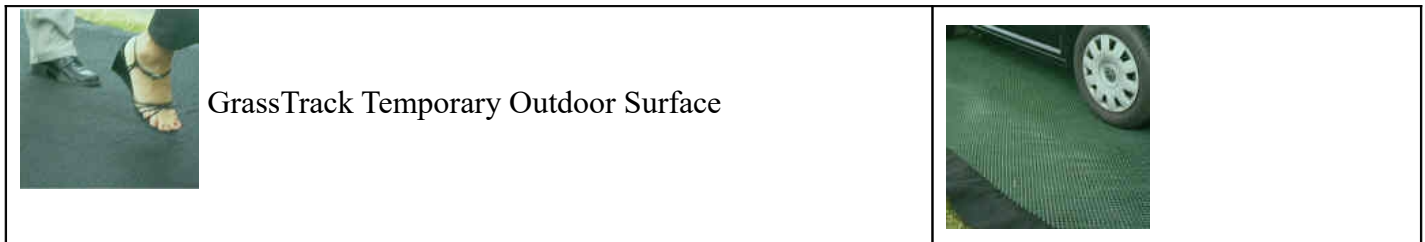
- Concerts
- Exhibitions and Shows
- Private Functions

GrassTrack's main features:

- UV stabilised and rot-proof
- Chemical Resistant
- Versatile Dual Surface
- Easy Roll Out Installation
- Re-usable
- 15mm x 15mm mesh size
- 14mm Thick

Specification

- Material: HDPE and Geotextile
- Colour: Green
- Mesh Size: 15mm x 15mm
- Weight: 2kg per sq m
- Roll Size: 20m x 1.9m
- Roll Weight: 80kg



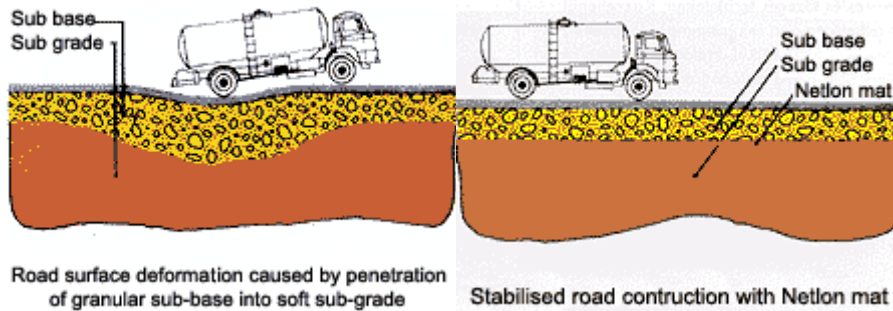
http://www.zoltek.hu/netlon_lakaskertkultura_7_eng.html

Roads and Railway Reinforcement :

Laid in the ground and as part of the foundations mesh distributes the load and increases the stability of the structure.

The geo-nets are suitable for placing in the gravel layer under road structures, railways, foundations and reinforcing of embankments to strengthen layer structure.

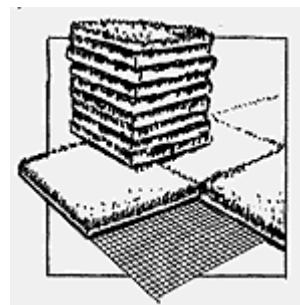
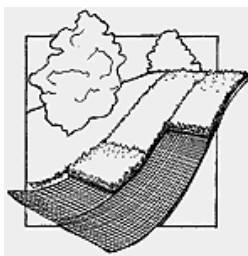
Type	Nominal hole size (mm)	Nominal width (m)	Nominal length (m)	Color
H-12	32 x 32	2	35	Black
H-11	7 x 7	2	30	Black



Grass reinforcing net :

	<p>Grass reinforcing net strengthens turf and is particularly useful when covering light slopes. The roots of growing grass overrun the net spread out on the ground, and reinforce that. Therefore the growing time can be decreased by half and soil erosion significantly reduced. When using turf reinforcing net the turf is cut with a little soil on the bottom, and this makes the transportation easier.</p>
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Type	Nominal hole size (mm)	Nominal width (m)	Nominallength (m)	Color
M-07	9 x 9	2	1000	Black



http://www.conwedplastics.com/products_sodnet.html

Products: SODNET® Turf Reinforcement Netting

Faster Maturity = Faster Yields

Wide Roll" SODNET R04035

Extra wide rolls reduce application time over other products by as much as 15% and cut down on the number of "seams" or overlaps required. The hole opening size of SODNET R04035 allows some broadleaf weeds to grow through without lifting the net. It's the ideal Sodnet for most applications.

Use SODNET R02452 when turf needs to be harvested more quickly. The smaller mesh size of R02452 makes for a stronger slab in

a shorter period of time.

Grower Benefits

For over two decades a growing number of sod producers have been relying on SODNET plastic netting for turfgrass reinforcement. From the critical early stages of turf growth right through harvest and beyond. SODNET comes in 2 roll sizes with varying strengths to better meet field and installation conditions.

SODNET products allow grass seedlings to germinate and grow as the roots intertwine with durable mesh. This uniformly strong structure results in early harvesting of generally thinner turf in strong slab or roll form.

SODNET is available locally through our U.S. based warehouses and other locations worldwide.

SODNET Means You Can:

Maximize land value - 2 plantings per season are possible in many areas

- **Harvest earlier** - In many cases about 1/2 the normal time.
- **Improve handleability** - Sod can be cut thinner and lighter.
- **Reduce irrigation and other maintenance costs** - Because each growing cycle is shorter.
- **Minimize waste** - Reduces scrap due to broken sod
- **Grow varieties that lack well developed root systems** - Tall fescues, ryegrass, etc.
- Help hold turf together in sandier soils.
- Ease transport and handling at work site.
- Control erosion more effectively.

Installation Guidelines

For best results, ground should be worked as flat as possible. SODNET is best applied by unrolling it on the soil surface immediately after seeding. 3 to 4 people (one tractor driver and 2 to 3 people staking) can lay down the net at the rate of 20 to 25 acres (8-10 hectares) per day.

SODNET should be laid flat to help eliminate "tenting" (loose netting raised by sticks or weed and grass growth) that may result in netting being damaged by mowers. (Weed control also helps reduce tenting.)

Begin installation by unrolling 6 feet (2 m) of SODNET on level ground. Stake the leading edge of every roll 4 to 5 feet (1 - 1.5 m).

As SODNET is unrolled, stake the edge to be overlapped at 10 to 15 foot (3 - 4.5 m) intervals. (Outer edges should be staked more often.)

Overlap SODNET by approximately 6 inches (15 cm).

Detailed Sodnet installation guidelines are available through your Conwed representative

SODNET® TURF REINFORCEMENT SPECIFICATIONS Standard Products*

Product No:	R04035	R02452
	Standard Strength (for most applications)	Maximum Strength
Hole Size:	5/8" x 1 1/4" (19 x 36mm)	5/8" x 3/4" (18 x 20mm)
Coverage:	7.9 acres (3.2 hect.) and 9.2 acres (3.7 hect.)	3.2 acres (1.3 hect.)
Color:	Green/U.V. inhibited	Black

Custom sizes and configurations are also available. Figures are nominal.

http://64.233.179.104/search?q=cache:S2Vr17LnZIIJ:rack.ewoodland.denaploy.co.uk/Tree_pdfs/Ground%2520Stabilization.pdf+turf+reinforcement+grass+mesh&hl=zh-TW&gl=tw&ct=clnk&cd=27

GROUND STABILISATION & WINDBREAKS

Grass Paving System - Bronte Plus NEW

This system allows the creation of a permanent load bearing surface using strong inter-locking honeycomb HDPE pavers that simply click together. The paver is designed for the healthy establishment of grass and eliminates the problem of ruts and erosion. Withstands a loading of 300 Te/m². Typical applications include parks, pathways, parking and driveways.

The system comprises 100% recycled polyethylene sections 536mm x 346mm x 45mm deep, supplied on a pallet. Each pallet has 180 sections, enough to cover 33.48 square metres. Smaller quantities are available, please contact the office for a quote.

Pieces/pallet	m/pallet	£/m	£/pallet
180	33.48	£12.40	£415.15

Turf Reinforcement Mesh

A tough polymer grid for the permanent reinforcement of grass areas used by vehicles and pedestrians. Mesh should be laid on short grass and pinned down and left to allow grass to grow through the mesh. The mesh will become invisible and provide a stable surface for lightweight vehicles and heavy pedestrian use and can be mown as usual. For pinning to ground use metal pins. See page 20.

Roll Size	Mesh Size	Colour	Material	Weight	£
2m x 30m	27mm x 27mm	Green	HDPE	640gsm	185

<http://plasticsbypost.net/turf%20reinforement.htm>

TURF REINFORCEMENT MESH

Consists of a tough extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles or people. For the best results the mesh should be laid down in spring when the grass will grow quickly through the mesh and the root mass will form an interlock with the mesh filaments. The protected area will soon resume its natural appearance providing a stable surface which will withstand the weight of cars and heavy pedestrian use. There are three differing meshes, dependant on the level of traffic envisaged, The Black TURFMESH incorporates a special foaming agent to give it more bulk and can therefore be used for temporary as well as permanent applications.



TURFMESH	TURFGUARD
2.25 kilo per sq. metre Mesh size 15mm x 15mm	640 gm per sq metre Mesh size 27mm x 27mm
2m x 20m green - £385.00	2m x 10m green - £105.00
2m x 20m black - £415.00	2m x 30m black - £280.00
strong metal U Stakes to hold down mesh	£6.50 per 10

http://www.tensarcorp.com/uploadedFiles/E_TRM_BRO_6.04.pdf

Turf Reinforcement Mats (TRMs)

vegetation provides a natural aesthetic look and long lasting finish to earth ditches, channels, slopes, and many other earthen structures. More importantly, vegetation acts as a natural filter to remove pollutants from surface water. But natural turf has two weaknesses when erosive forces are high — it's difficult to establish, and it's prone to wash out. Traditionally, the only way to overcome these drawbacks and protect from periodic high erosive forces was “hard armor” (riprap or concrete) — methods that are often unsightly, expensive, and simply pass pollutants and sediment along rather than remove them.

Now a new generation of synthetic products provides you with an alternative – Turf Reinforcement Mats (TRMs).

TRMs are recognized as storm water “Best Practices” by the USEPA, and they allow you to take advantage of the natural benefits of grass, wildflowers, or other vegetative covers where it was never practical before.

A High Performance TRM

TM3000, a strong, stable, three-dimensional, geosynthetic mat, is specifically designed to protect against the most challenging erosive forces while enhancing water quality. A high performance TRM, TM3000 provides erosion control, forms a “soft armor” that provides permanent protection, and reinforces vegetative ground cover by: _ Protecting bare soil, _ Helping turf become established, and _ Standing up to highly erosive forces that rip up unreinforced vegetation. In ditches, channels, slopes, and spillways, TM3000 creates a soft armor that can withstand the highly erosive forces of water under peak storm events, yet provides natural pollutant removal. Traditional “hard armor” systems simply pass pollutants along. TM3000 provides initial protection to keep seed and soil in place, and it's multiple layers of mesh creates cavities that capture soil. This retained soil provides a mulch (or seed womb) that stimulates seed germination and speeds seedling growth. Turf reinforcement occurs as vegetation germinates, grows, and the root and stem structure becomes intertwined with the interlocking layers of TM3000. The mat serves as a tensile reinforcement and anchorage layer within the vegetation.



Suggested Applications for TM3000

An Alternative to hard armor in

- ▶ Roadside and median ditches
- ▶ Runoff swales
- ▶ Storm water convergence channels
- ▶ Secondary dam spillways
- ▶ Streambeds and shorelines
- ▶ Landfill benches and let-down channels
- ▶ Steepened earth slopes and highway embankments

TM3000, designed to reinforce turf, protects the soil against washout while maintaining the natural appearance of the site.

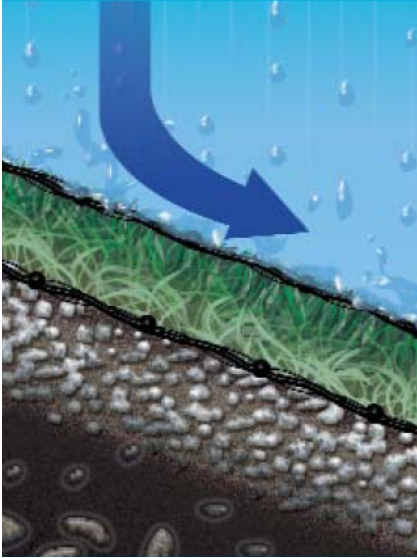
TRMs Create a Natural Environment

TM3000 – The Right Product for the Job

Unsurpassed vegetation establishment_ Optimal Balance - provides the perfect blend of ground cover and open area_ 3-D Structure - allows for soil filling/sediment capture _ Flexible - conforms to ground surface
_ Resilient - bounces back to original shape _ High strength/low stretch – holds soil and vegetation in place
_ Durable - maintains strength in water saturated environments
_ Resistant - resists degradation and is stabilized against ultraviolet breakdown

Erosion Protection with TB1000

TB1000, a thick blanket of polyolefin fibers confined between two high-strength polynettings, acts as a mulch protecting ground surface from washout and accelerates the growth of seeds and seedlings. Where the high performance of TM3000 is not required, TB1000 provides another alternative. Unlike organic blankets, polyolefin fibers do not absorb water, so all available moisture can be absorbed by the soil where it is needed most. TB1000 has also been stabilized against ultraviolet degradation, so it remains on site long after organic blankets have degraded. TB1000's thick fiber web is dense enough to hold moisture and warmth at the ground surface to stimulate seed germination, yet it has adequate porosity to allow vegetation to



Suggested Applications for TB1000

- ▶ Geogrid-reinforced, steepened slopes
- ▶ Landfill cover slopes
- ▶ Roadside embankment slopes
- ▶ Pond banks
- ▶ Low flow / gradient ditches
- ▶ Slopes reclaimed after mining

TB1000's balance of thickness, strength, and fiber density are key to its performance as a long-term ground cover for revegetation and erosion control.

Product Application Guide

The performance capabilities of TM3000 and TB1000 have been quantified through performance evaluations and modeling. The evaluations indicate that reinforced turf resists failure at flow velocities and tractive forces (shear stresses) well into the range more traditionally assumed to require use of hard armor. The design of surface channel water linings and reinforced grass waterways requires the calculation of maximum anticipated flow velocities and shear stresses. TM3000 and TB1000 must be installed properly to assure desired performance. The TRMs are selected and specified based on their respective allowable values. The table below provides the recommended allowable maximum values for TM3000 and TB1000 based on field evaluations, computer modeling, and flume testing conducted at independent labs. TM3000 should be used for channel lining whenever turf reinforcement can eliminate hard armor protection, typically required in high-flow channels where high and/or long-term erosive forces are expected. TM3000 is primarily designed for erosion protection by means of long-term turf reinforcement. For situations where erosion control and revegetation are the primary concerns, TM3000 may be the preferred product. For projects where permanent erosion protection of hard armor is necessary, but the aesthetics and environmental attributes of natural vegetation are designed, the permanent TM3000 is the preferred alternative. TB1000 is designed for situations in which ground cover is required for a long-term mulching effect and where slope erosion is caused by wide area runoff, rather than channelized flow. TB1000 is the perfect product for low-flow channel lining and slope protection applications.



Recommended Limiting Values for Erosion Resistance of TM3000 and TB1000

	Flow Duration (hours)	Max. Velocity (fps)	Max. Shear Stress (psf)
TM3000	0.5	24	10.0
	50	16	3.5
Vegetated Bare Soil	0.5	14	3.5
	50	10	3.0
TB1000	0.5	18	8.0
	50	14	3.2
Vegetated Bare Soil	0.5	12	4.0
	50	10	2.0

<http://www.greenfix.co.uk/downloads/greenfix.pdf>

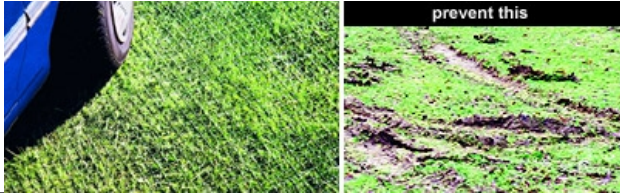
GREENFIX

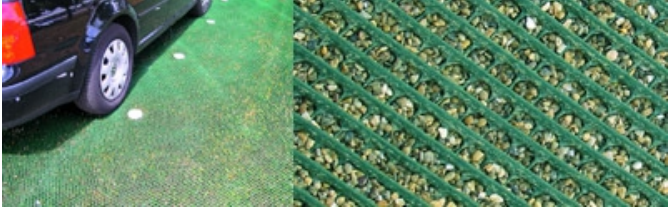

ENVIRONMENTAL SOLUTIONS

<http://britishhardwood.co.uk/products.asp?ProductGroup=41&SubCategoryID=28&CategoryID=2>

Tenax Grass Protection Products

Special quotations given for larger quantities

Product	Description	Size	Mesh Size	Roll Size	Pack size	Price Each (£)
TURFGUARD - Turf Reinforcement Mesh-Green (Premium)	<p>This mesh is a tough extruded polymer grid for the permanent reinforcement of grassed areas used by vehicles and pedestrians. For best results the mesh should be laid down in spring when the grass will grow quickly through the mesh and the root mass will interlock with the mesh filaments. The protected area will soon resume its natural appearance. SECURE TO THE GROUND WITH METAL U OR J PINS. Suitable for overspill car parks, caravan parks, recreation areas, lawns subject to heavy pedestrian use, pathways, parking areas and taxiways for light aircraft.</p> 		27mm ²	2 x 30m		185.00/roll
TURF GUARD -Turf Reinforcement Mesh - Green			27mm ²	2 x 30m		130.00/roll

(Standard)						
GRASS GUARD - Grass Protection Mesh - Green	<p>This mesh is a heavy duty polymer grid for protecting and reinforcing grassed areas to be used by vehicles with an imposed loading of up to 8 tonnes per axle. Protects grass root damage and helps to prevent rutting. SECURE TO GROUND WITH METAL U OR J PINS. Suitable for overspill car parks, caravan parks, recreation areas, parking areas and taxiways for light aircraft, helicopter landing pads, grassed access routes, temporary access routes.</p> 		15mm ²	2 x 20m		295.00/roll
GROUND STABILISING MESH - Grey	<p>This mesh is a high strength polymer grid which, when covered with a layer of well-graded rough stone (Type 1 Roadstone) forms a rigid interlock, restraining the lateral movement of the stone producing a stable surface for animals, farm equipment and other vehicles. Especially when farm gateways and tracks become waterlogged and impassable due to deep mud, this mesh provides a low cost and effective solution to this problem.</p> 		75cm x 50cm	2 x 50m		150.00/roll
METAL FIXING PINS- U Pins	<p>Recommended for securing Turf Reinforcement and Grass Protection Mesh. Manufacturer recommends one pack (100) to be used per roll of mesh. Suitable for any reasonable ground type. Material: 8mm ribbed steel.</p>	150mm			100	46.00/pack
METAL FIXING PINS - J Pins	<p>As above but suitable for soft ground.</p>	300mm			100	46.00/pack
GRID LOCK - Green HDPE - 45mm high	<p>In areas that require the high load bearing capacity of asphalt 'Grid Lock' offers a soft landscaping solution to hard landscaping problems. Manufactured from HDPE into convenient sized injection moulded pavers it is resistant to oil, chemicals and extremes of temperatures and has the strength to withstand loads in excess of 170 tonnes / m². Installation is quickly carried out by placing the pavers on a bedding layer of sand and soil, the cells can then be in-filled with soil following which seeding can take place or turf can be laid.</p>	60cm x 45cm				3.45 / piece

						
RUBBER SAFETY MAT	PREMIUM - black holed surface (Weight 20.5kg) Ideal for play areas (impact absorbing safety surface), farm gateways, field shelters & water troughs (especially if used by horses and cattle)	1.5m x 1m x 24mm				30.00/mat
	STANDARD - black holed surface (Weight 13kg) 	1.5m x 1m x 19mm				25.00/mat
GRASS TRACK - Grass Protection	A Heavy duty polymer grid with high strength geo-textile bonded to the mesh. With geo-textile underneath it can be rolled over problem areas to allow access by cars & lightweight vans. With the textile on top it can provide a safe and clean access by pedestrians 		15mm ²	1.9x 20m		395.00/roll

http://www.netlon.com/_turfsystems/casestudies/Case-Study_Turfguard5.pdf

Turfguard

Turfguard is a tough flexible mesh to improve the damage resistance of grass areas. It is placed at or close to the grass surface. It has proven to be suitable for the improvement of grass taxiways and parking areas for light aircraft. Turfguard offers:

- ▶ Improved resistance to surface damage



The Keppleway Centre at Broughton-in-Furness is a residential holiday and activity centre catering for both able bodied and disabled people. Its aim is to promote total integration by ensuring that all visitors can participate in every activity. In 2000, the centre decided to add archery to its activity range – but faced the challenge of making it easy for wheelchair users to travel easily and safely to and from the targets over a grassed surface. Taff Bowles, Project Manager at The Keppleway Centre said that they were concerned that use by even the lightest vehicles, particularly after poor weather, could cause the surface to become muddy, rutted, unsightly and even dangerous. The solution was provided by Netlon Turfguard – the tough, easy to lay, polyethylene mesh designed to prevent damage to grass surfaces from pedestrians and light vehicles. Turfguard was installed in March/April 2000 and the archery range has been in virtually constant use since. "Turfguard has enabled all our visitors to participate in the activity and the grassed surface has remained stable and healthy throughout," said Mr Bowles. "In fact, such has been its success that we have now used it to reinforce the grass surface of a maze we built as part of a team challenge exercise."