

GROUND STABILISATION
REINFORCEMENT
EROSION CONTROL
DRAINAGE
ENVIRONMENTAL PROTECTION
GRASS PROTECTION
WEED SUPPRESSION
TREE ROOT PROTECTION



Geosynthetic Solutions Range



WREKIN
Intelligent products for civil engineering

Wrekin Geosynthetics

Wrekin are specialists in the supply, design and specification of a vast range of geosynthetic products. Our innovative approach to manufacture, project design and service has established Wrekin as a major supplier in the UK, offering prompt deliveries from our stocking depots nationwide.

Our total geosynthetic package has been continuously developed and expanded since 1995, providing all our customers with technical support, specification and design services, helping you find the solution to all your geosynthetic requirements.

We are continuously developing and expanding our product ranges, providing cost effective solutions for a vast range of applications.

Please visit our website or contact our sales staff for technical literature and support.

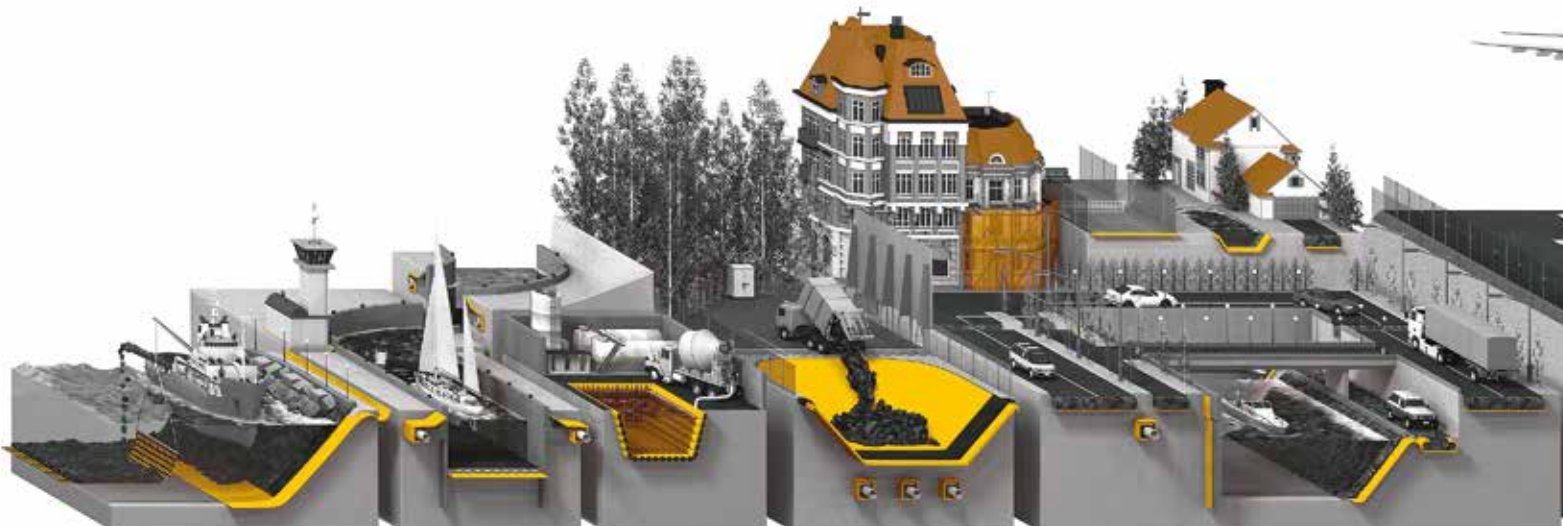


All Wrekin geosynthetics are manufactured using state of the art equipment and are tested in independently accredited, fully equipped geosynthetics laboratories in accordance with the latest European and international standards.

The Construction Products Regulations make it mandatory that "geotextiles, geomembranes and other related products" are CE marked. All Wrekin products comply with this requirement and Declarations of Performance are available as downloads from www.wrekinproducts.com.



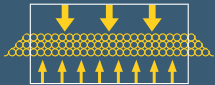
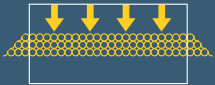

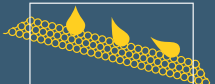


Ground stabilisation
Reinforcement
Erosion control
Drainage
Environmental protection
Grass protection
Weed suppression



Geosynthetics function symbols

Geosynthetic products play an integral role in the majority of building, civil and marine engineering projects. While the range of applications and uses is vast, the functions can be broken down into six broad categories.

The function symbols have been developed to provide a quick reference guide to the function of each geosynthetic product.

| | |
|---|---|
|  <p>SEPARATION</p> <p>The use of a geosynthetic to prevent intermixing of dissimilar soil layers.</p> |  <p>PROTECTION</p> <p>The use of a geosynthetic as a stress reduction layer to prevent or reduce damage to an adjacent surface or layer.</p> |
|  <p>FILTRATION</p> <p>The use of a geosynthetic to allow the passage of fluids while preventing the uncontrolled passage of soil particles.</p> |  <p>EROSION CONTROL</p> <p>The use of a geosynthetic as a stress reduction layer to prevent or reduce damage to an adjacent surface or layer.</p> |
|  <p>REINFORCEMENT</p> <p>The use of tensile properties of a geosynthetic to resist stresses or reduce deformations in soil structures.</p> |  <p>DRAINAGE</p> <p>The use of a geosynthetic to collect and transport fluids within its thickness.</p> |

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Woven Geotextiles



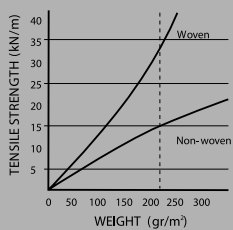
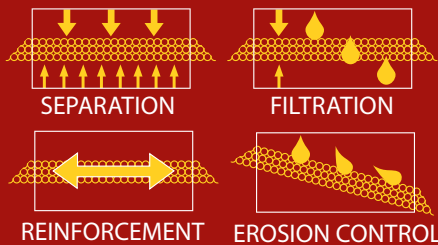
OVERVIEW

FASTRACK is a market leading brand of woven geotextile with a range of different polymers, weave patterns and strengths.

Wrekin offers three specific types of woven geotextile: **SG** (Standard Grade), **HS** (High Strength) and **HF** (High Flow).

FASTRACK woven geotextiles are specified by both civil and marine engineers, most commonly for the separation and reinforcement of soil and aggregate layers. Applications include roads, railways, foundations, embankments and coastal defences. Woven geotextiles provide a cost effective solution for the separation of granular fill materials and for the provision of sub structure support. The most common application is for the use as a separating layer beneath roads, helping to prevent rutting through separation and tensile support.

Wrekin offer a 'Total Geosynthetics Package' from sales and technical support to engineering design services. Please visit our website or call us for more details.



A graph comparing the tensile strength versus mass per unit weight of woven and non-woven geotextiles.

Woven geotextiles typically offer greater mechanical strength per unit weight than comparable non-woven grades, providing a cost effective solution for a vast range of applications.

Equivalent product Fastrack guidance

| FASTRACK | 609 | 1800 | 18/18F | 20/20 | 2300 | 2800 | 29/29 | 30/30 | 36/40 | 40/40F | 40PL/40PS | 60/52 | 60PL/52P | 60/60 | 60P/60PL | 80/65 | 80/80 |
|----------|-------------|------|--------|-------|--------|------|-------|-------|--------|--------|-----------|--------|----------|-------|----------|-------|--------|
| LOTRAK | 609 Advance | 1800 | | | 2300 | 2800 | | 25R | 4000 | | | 50R | | | | | 70R |
| RHYNO | GW8118 | | GW8123 | | GW8129 | | | | GW8143 | GW8161 | | GW8180 | | | | | GW8210 |
| GEOLON | PP15 | | | | | PP25 | | | PP40 | | | | | PP60 | | | PP80 |

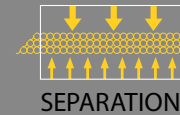
Fastrack SG



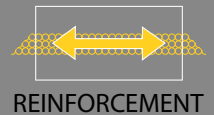
WREKIN FASTRACK

FASTRACK SG (Standard Grade) range of woven geotextiles is produced with long term performance in mind. Available in strengths in excess of 200kN/m width as standard and CBR puncture strengths ranging from 1.5kN to 9.2kN.

Woven from slit-film polypropylene tapes on high-tech Sulzer looms, our Fastrack SG range has been developed to provide engineering solutions for almost every separation application, providing maximum strength for minimum cost.



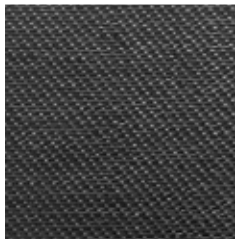
SEPARATION



REINFORCEMENT

MINI ROLLS & MINI PACKS

FASTRACK is also available in a range of mini-rolls and packs from stock. Ideal for use on small construction and landscaping contracts. FASTRACK mini rolls provide contractors with a cost effective solution for small general purpose applications.



How to get a 4.5M wide roll of Fastrack 609 woven geotextile into a Transit van

As one of the bestselling general purpose geotextiles in the UK, Fastrack 609 provides a cost effective solution for separation and filtration. Now we've adapted the 4.5m width roll into an easily transportable van-sized version.

We have factory folded the 4.5m width geotextile to produce a roll just 2.25m wide. This fits easily into the back of a van making it ideal for smaller jobs. It's also a really easy size to stock. Once on site, the roll is designed to unfold easily to its full 4.5m width.

WREKIN FASTRACK 609

FASTRACK 609 is one of the largest selling general purpose geotextiles in the UK.

Designed and manufactured to conform to the Department of Transport Highways Specification for road and earthworks separation. FASTRACK 609 provides the optimum solution for separation, support and filtration for the civil engineering market.



WREKIN FASTRACK ORANGE

Based on our popular FASTRACK 609 geotextile, FASTRACK ORANGE prevents the intermixing of contaminated and uncontaminated soils.

Its bright colour also alerts users and future users to the potential danger of further excavation.



- Separating - access roads and areas of hard-standing
- Separating - granular fill from sub soils and other fill layers
- Separating / Reinforcing - layers under new roads, car parks, and industrial areas
- Separating / Reinforcing - layers under stone foundation for new buildings

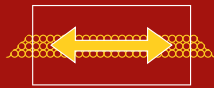
APPLICATIONS

Fastrack HS & HF

WREKIN FASTRACK

The FASTRACK HS range of woven geotextiles is manufactured from high tenacity polyester yarns offering strengths in the principle load bearing direction up to 400kN/m width.

White in colour, these reinforcing fabrics typically offer less than 2% creep after two years at a loading 50% of maximum strength.



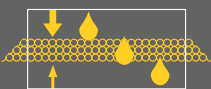
REINFORCEMENT



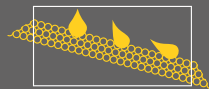
WREKIN FASTRACK

The FASTRACK HF range of woven geotextiles is designed to provide high water through-flows with optimum particle retention.

Manufactured from a mixture of mono and multi filaments of polyester/polypropylene, they can attain water flow rates of up to 700 l/m²/sec.



FILTRATION



EROSION CONTROL



APPLICATIONS

HS APPLICATIONS

- Reinforcement of soil walls
- Basal reinforcement of embankments
- Load transfer platforms
- Spanning over areas prone to mining subsidence
- Spanning over areas prone to sink holes

HF APPLICATIONS

- Filter wrap to granular drainage trenches
- Filter layer under artificial sports surfaces
- All weather horse arenas
- Filtration/Separation layer in storm control systems

Non-woven Geotextiles

WREKIN MULTITRACK

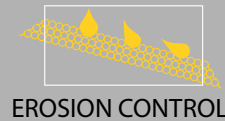
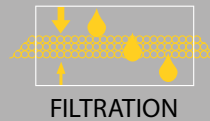
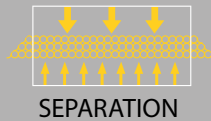
OVERVIEW

MULTITRACK non-woven geotextiles provide engineers with a comprehensive range of products from 70 to 2000gsm. They are manufactured in state of the art facilities and provide the combined qualities of high water permeability and mechanical robustness. They play a major role in construction when performing the functions of separation, filtration and erosion control.

MULTITRACK non-woven geotextiles have been designed and developed to offer optimum performance per unit weight. Their resulting mechanical robustness and excellent hydraulic properties make them an ideal choice for applications requiring separation and filtration. Non-woven geotextiles, due to their high elongation at break, offer greater resistance to installation damage.

Furthermore, non-woven geotextiles and in particular our SNW range, are ideally suited for use in membrane protection and coastal defences due to their excellent puncture resistance and permeability properties.

Wrekin offer a 'Total Geosynthetics Package' from sales and technical support to engineering design services. Please visit our website or call us for more details.



Equivalent Multitrack product guidance

| MULTITRACK | 700 | NW7 | 1000 | NW9 | NW10 | NW12 | NW13 | NW15 | NW16 | NW18 | NW20 | NW21 | NW25 | NW26 | NW32 | SNW17 | SNW40UV |
|------------|--------------|---------|----------|-------|------|----------|----------|-------|--------------|----------|----------|-------|-------|----------|----------|---------|--------------|
| TERRAM | T700 GT | T900 GT | T1000 GT | | | T1300 GT | T1500 GT | | | T2000 GT | T3000 GT | | | T4000 GT | T4500 GT | Inbitex | Rootguard |
| TENCATE | | TS 10 | | TS 20 | | TS 30 | TS 40 | TS 50 | | | TS 60 | TS 65 | TS 70 | TS 80 | | | |
| TYPAR | SF20 SF27 | SF32 | SF37 | SF40 | SF44 | SF49 | SF56 | | SF65 SF70 | | SF77 | SF85 | SF94 | | SF111 | | |
| EKOTEX | 06 | | 07 | | | 10 | 12 | | | 14 | | | 20 | | | | Treetex T300 |

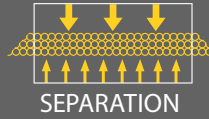
Non-woven Geotextiles

WREKIN
MULTITRACK

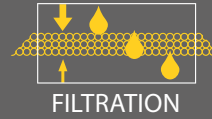
MULTITRACK NW THERMALLY BONDED NON-WOVEN

The MULTITRACK NW range of thermally bonded non-woven geotextiles have been developed for lightweight separation and filtration.

Manufactured using a unique thermal bonding process, our NW range has excellent filtration properties, making them ideal for use in a variety of construction applications. Examples would include trench drains, wrapping of attenuation units, wrapping of perforated drainage pipes and encapsulation of granular drainage blankets.



SEPARATION



FILTRATION



MINI ROLLS

MULTITRACK is also available in a range of mini-rolls and packs from stock. Ideal for use on small construction and landscaping contracts.

MULTITRACK mini rolls provide contractors with a cost effective solution for small general purpose applications.



WREKIN
MULTITRACK 1000

MULTITRACK 1000 is one of the UK's most widely used general purpose non-woven geotextiles and is our alternative to Terram® 1000.

Used as a separation and filtration layer in general civil engineering applications and for erosion control, attenuation units, horse arenas, trench drains etc.



APPLICATIONS

- Separating/strengthening layer under access roads and areas of hard-standing
- Filter surround for trench drains
- Separation to stop the intermixing of dissimilar soil layers
- Filtration, allowing the flow of water whilst preventing the passage of soil

Non-woven Geotextiles



WREKIN MULTITRACK

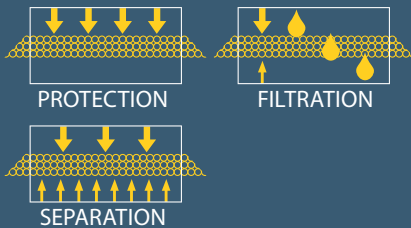
MULTITRACK SNW SUPERIOR NEEDLE PUNCHED NON-WOVEN

MULTITRACK SNW is a high performance range of white needle punched non-woven geotextiles that has been developed to offer outstanding performance at minimum weight. The SNW range offers a superior puncture resistance when compared with most other needle punched non-woven geotextiles of similar weight.

MULTITRACK SNW non-woven geotextiles are produced using state of the art production lines, with the resulting fabrics offering unrivalled CBR puncture and tensile strengths. Product is available from 120 to 1200g/m² in 5.25m wide rolls.

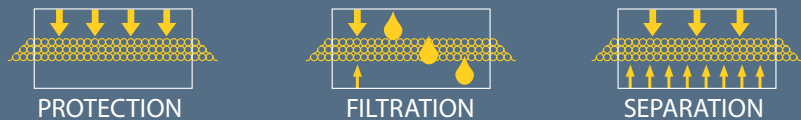
Our SNW fabrics are produced using 100% virgin PP staple fibres. The fibres used are extremely durable and exhibit excellent chemical resistance to acids and alkalis at ambient temperatures. They also have an exceptionally low moisture absorption such that the action of water at ambient temperatures has no effect on their mechanical properties.

- In excess of 1000N CBR puncture resistance per 100g/m² of fabric weight**
- High tensile strengths with corresponding high elongations**
- SNW mechanical properties setting the standards within the industry**
- A combination of fine filtration properties together with high water permeabilities**
- SNW hydraulic properties that offer long term filter success**



MULTITRACK VNW NEEDLE PUNCHED NON-WOVEN

MULTITRACK VNW is a range of medium performance geotextiles that are manufactured from coloured PP virgin fibres. The range offers mass/unit area and thickness where a thick cushioning layer and high elongation are key design requirements.



- Protection fleece for impermeable liners
- Landfill sites
- Protecting coastal defences from erosion
- Pipeline protection fleece
- Riverbank erosion control

APPLICATIONS

Geogrids



BIAXIAL & UNIAXIAL OVERVIEW

Wrekin's total geosynthetics package includes a complete range of soil reinforcing geogrid products.

E'GRID - biaxial and uniaxial range of punched and drawn geogrids

Wrekin E'GRID biaxial geogrids are punched and drawn from polypropylene sheets and offer a rigid geogrid solution. They are fully comparable to other market-leading geogrids and are used primarily to provide ground stabilisation through reinforcing soft and unstable soils.

Wrekin E'GRID uniaxial geogrids are a specialist geogrid range, providing tensile strength in one direction only, and are used specifically for the reinforcement of embankments and slopes.

Wrekin SX GRID - biaxial range of cost effective punched and drawn geogrids

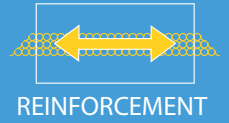
Wrekin SX GRID is a biaxial geogrid which provides engineers with a cost effective solution for sub-base reinforcement and stabilisation where soft and unstable soils are present. It will give comparable performance to most other types of biaxial geogrid.



Equivalent product specifier

| | | E'GRID® product | | | | |
|------------------------------|--------|-----------------|-------|--------|-------|--------|
| | | 1616 | 2020 | 3030 | 4040 | 3030L |
| Tensar® Triax® product | | | | TX190L | | TX190L |
| | | | | | TX180 | |
| | | | | TX170 | | |
| | | | TX160 | | | |
| | | | TX150 | | | |
| | | TX140 | TX140 | | | |
| | TX130S | TX130S | | | | |

E'GRID[®] BIAXIAL



RIGID BIAXIAL



E'GRID biaxial geogrids from Wrekin are a range of premium quality punched and drawn polypropylene geogrids that optimise the rib height and open aperture area to maximise stone penetration and interlock with the grid. They are comparable to other market leading products and offer a design life in excess of 100 years. They can solve pavement problems by giving omni-axial reinforcement to granular sub-bases, piling platforms, capping layers and railway ballasts in areas of weak or variable soils.

When granular particles are compacted over these grids, they partially penetrate and project through optimised apertures to create a strong and positive interlock. The load dispersal effect from the interlocking increases shearing resistance within the soil and allows the sub base thickness to be decreased (or the design life increased), ultimately reducing construction time and costs and improving the whole-life cost.

E'GRID biaxial geogrids can be used in single or multi layers. The platform thus created provides tremendous load dispersal, allowing previously weak soils to be reclaimed for development such as foundations, motorways, railways and airport runways. Biaxial geogrids are available in two aperture sizes, to suit any fill material.



Ground stabilisation under roads

Ground stabilisation - railways

Ground stabilisation - ports and paved areas

APPLICATIONS

Geogrids

E'GRID[®] 3030L

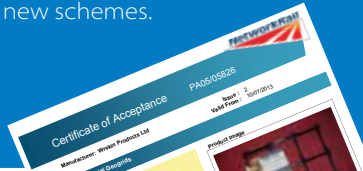
RIGID BIAXIAL

The market leading performance provided by Wrekin's E'GRID Biaxial geogrid is also utilised within the rail industry. Its proven quality and track record was endorsed by Network Rail when they awarded the large aperture, E'GRID 3030L, their Certificate of Full Acceptance (number PA05/05826).

To be awarded the Certificate of Full Acceptance, E'GRID 3030L underwent a rigorous auditing process both to assess the products quality and also to demonstrate its monetary, safety and performance benefits to Network Rail. Its award means that clients, designers, and contractors are able to benefit from an increased choice when specifying and constructing schemes.

E'GRID 3030L features an optimised large aperture to enable the specifically sized rail ballast to partially penetrate through the geogrids apertures to maximise the reinforcement achieved through the mechanical interlock between the geogrid and the railway ballast. The reinforcing element is a specific condition of Network Rail acceptance, which requires CE Marking in accordance with BS EN 13250 for reinforcement materials used in contact with ballast.

This reinforcement reduces ballast settlement and maintains track alignment, thereby significantly extending the time between maintenance intervals for ballast renewal and providing excellent whole life cost benefits. E'GRID 3030L can be incorporated both when maintaining existing railways and also in the construction of new schemes.



WREKIN SX GRID

RIGID BIAXIAL

Wrekin SX GRID is also a punched and drawn polypropylene biaxial geogrid that has been specifically developed to provide engineers with a cost effective solution to their soil reinforcement requirements where the superior optimised performance and associated longevity provided by E'GRID is not a key requirement.

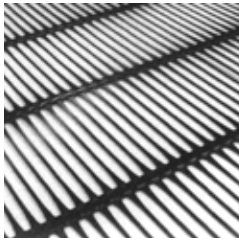
When a layer of granular soil is placed over the geogrid it partially penetrates through the apertures. When this is compacted, the individual particles lock together with themselves and the ribs of the geogrid to create a strong platform. The combined effect of the mechanical interlock and compacted soil effectively increases the shearing resistance and creates a load dispersal effect which allows the sub-base thickness to be decreased, ultimately reducing construction time and costs.



APPLICATIONS

- Ground stabilisation - roads
- Ground stabilisation - railways
- Ground stabilisation - ports and paved areas

Geogrids



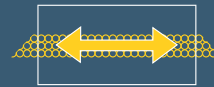
E'GRID[®] UNIAXIAL

RIGID UNIAXIAL

E'GRID Uniaxial geogrids from Wrekin are manufactured from high density polyethylene (HDPE), which is punched and drawn to create long apertures in the principle load carrying direction. Used in reinforcement of walls and slopes, its principle characteristic is good creep performance with low strain and high strength under constant load.

Reinforced soil slopes are constructed by wrapping E'GRID Uniaxial geogrid around the soil face to the required slope angle, this process is repeated in layers to create a stable/steep embankment. Reinforced soil retaining walls can be constructed with a variety of faces, these structures can accommodate base deformation and have particularly good resistance to vibration and earthquakes. E'GRID reinforcement can improve the bearing capacity and safety of a structure whilst helping to reduce construction cost.

Engineers can further attain cost savings by reusing on-site material, potentially from previously failed slopes, which can be excavated and reused together with E'GRID geogrids to construct a stable embankment or slope. For more information on our E'GRID range and/or technical support, please contact our sales department.



REINFORCEMENT



Reinforcement of soil walls and abutments
Soil slopes along side roads and railways

APPLICATIONS

Cellular Confinement

WREKIN PRS NEOWEB

CELLULAR CONFINEMENT SYSTEM



The Neoweb cellular confinement system has been designed to prevent shear failure and lateral movement of aggregate materials. Neoweb stabilises the infill, providing load distribution over weak soils and base stabilisation for paved and unpaved roads.

PRS Neoweb is a perforated panelled system, providing contractors with straightforward installation, even on steep banks and slopes. Neoweb provides a cost effective solution for stabilisation, reducing the granular fill requirement by up to 50%.

PRS Neoweb permits the use of common fill materials even in locations of high load intensity. Manufactured from high density polyethylene (HDPE), PRS Neoweb when in-filled, provides a semi-rigid foundation. Traffic loads are distributed laterally, reducing rutting and assisting in the retention of infill materials.

PRS Neoweb collapses into lightweight and compact bundles for easy handling on site. The perforations improve lateral drainage through cell walls, promoting stability through greater root lock in vegetated installations.

Integrated polyester tendons, incorporated into the system through pre-drilled holes, provide additional clamping of the PRS Neoweb. This provides additional stability, especially important when the use of a geomembrane underlay prevents anchoring with stakes.

PRS Neoweb can be installed and built up in layers to create steep and structurally sound embankments, often in support of roads and railways. This method of construction provides engineers with a cost effective and reliable method for embankment creation, furthermore PRS Neoweb helps to promote the growth of natural vegetation cover.

Wrekin offer a 'Total Geosynthetics Package' from sales & technical support to engineering design services. Please visit our website or call us for more details.



APPLICATIONS

Road and pavement reinforcement

Rail base stabilisation

Slope and channel protection & stability

Earth retention for banks and slopes

Earth walls

Reservoir and landfill protection

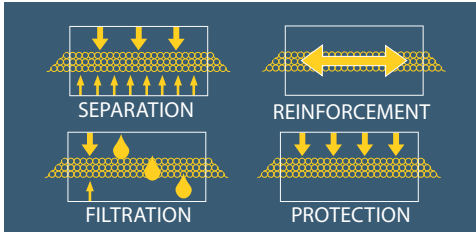
Vegetative slope confinement/erosion control

Geosynthetics for SUD Systems

Wrekin offer a full range of geosynthetics for use with Sustainable Underground Drainage Systems (SUDS).

It is now normal planning practice for developers and architects to design methods for controlling surface water run-off in all new build schemes. Often the most efficient and effective method of control is by installing infiltration and/or attenuation tanks, which act as a slow release reservoirs for surface water run-off.

Geomembrane and geotextile products are essential components for the installation, protection and continuing function of attenuation tanks and similar SUDS. Wrekin have tailored a range of products specifically aimed at promoting and prolonging sustainable drainage systems.



NON-WOVEN GEOTEXTILES

Geotextiles have a variety of uses in SUDS. Our specialist Multitrack products (pages 7-9) are commonly specified for wrapping modular water storage units/blocks for infiltration tanks.

The Multitrack NW range have excellent water-flow and filtration properties, making them ideal for applications such as trench drains, soakaways, infiltration tanks and reservoirs.

IMPERMEABLE LINERS

Wrekin offer a range of impermeable liners for wrapping modular water storage units/blocks, creating a watertight barrier to prevent storm water from filtering and saturating the surrounding ground. Specialist single sided and double sided joining tapes are available to ensure overlapping joins are fully sealed.

GEOGRIDS

SUDS can be installed in areas with poor ground conditions by using geogrids to help reinforce and thereby stabilise the ground prior to installation of the system.



Attenuation Tanks require both impermeable membrane and a protection fleece, which protects the membrane from puncture

Infiltration Tanks require a highly permeable geotextile with good filtration properties, to prevent particles entering and silting the tank

E'GRIDS help to stabilise the ground prior to SUDS installation

APPLICATIONS

Access Protection

WREKIN
CELLTRACK

GRAVEL RETENTION & GRASS PROTECTION

Celltrack is specifically designed to allow the development and extension of vehicular access areas in aesthetically sensitive locations.

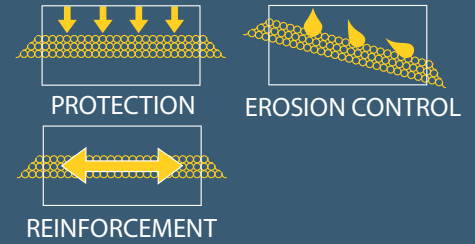
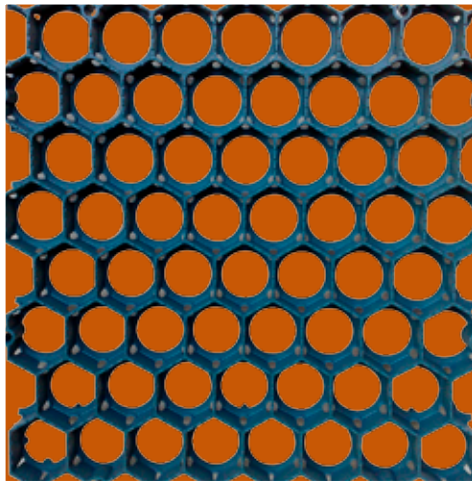
Manufactured with ease of installation in mind, Celltrack can be used with a variety of fill materials, allowing developers to build new access areas such as roads and car parks, which are both pleasing to the eye and consistent with the existing environment.

Celltrack is a permanent panelled system that is virtually invisible once infilled. Designed for quick and easy installation, panels simply interlock together and incorporate small ground spikes which provide anchorage during installation.

Our Celltrack system should be laid onto a solid level aggregate base, which in turn will require a separation geotextile, usually Fastrack 609 (see page 5) or Multitrack 1000 (see page 8) to prevent rutting/intermixing with sub soils. In areas of weak and unstable ground additional support might be required by the use of biaxial geogrids such as E'GRID or SX GRID (pages 10 - 13).

Celltrack can be in-filled with soil to promote grass growth or gravel to create decorative driveways and paths. The honeycomb structure helps to retain gravel on driveways and protect/promote the growth of grass when in-filled with soil in turfed areas. In all applications Celltrack provides excellent support for vehicular traffic.

Please contact our sales department for more details.



Wrekin offer a 'Total Geosynthetics Package' from sales & technical support to engineering design services. Please visit our website or call us for more details.

APPLICATIONS

- Public parks
- Overspill car parks
- Sports fields & school playing fields
- Horse tracks
- Public and private driveways
- Footpaths
- Caravan and camp sites
- Emergency vehicle access tracks

Grass Protection



TURF AND GRASS PROTECTION SYSTEM

Turf Mesh is a versatile grass support system, which can be installed on already established lawns and park areas. Turf Mesh provides great versatility as a temporary system or left in position to become a permanent and integral reinforcement mesh.

It is manufactured from a heavy duty thermoplastic which incorporates a blowing agent to help texture and creates a less slippery surface. Green in colour, Turf Mesh is UV stabilised, rot resistant and chemically inert, giving a long term reinforcement solution.

Turf Mesh is laid directly onto the grass surface and secured in place by steel U-pins. Grass roots quickly grow through and establish within the mesh apertures, allowing areas to return to a natural appearance as the Turf Mesh becomes part of the grass root matrix.

Turf mesh has been specifically designed to facilitate vehicular traffic on ground with established grass/turf without affecting normal gardening practices such as mowing, fertilising and rolling.

Turf Mesh is available in two grades, Standard and Heavy to suit different loading capacities from pedestrian to emergency vehicle access. Turf Mesh is available in several roll sizes from stock.



Overflow car parks
Pedestrian grassed areas
Emergency vehicle access routes
Golf course buggy access

Caravan parks
Equestrian surface reinforcement
Footpaths and cycle tracks
Light aircraft taxiways

APPLICATIONS

Bank Stabilisation

EROSION CONTROL MESH

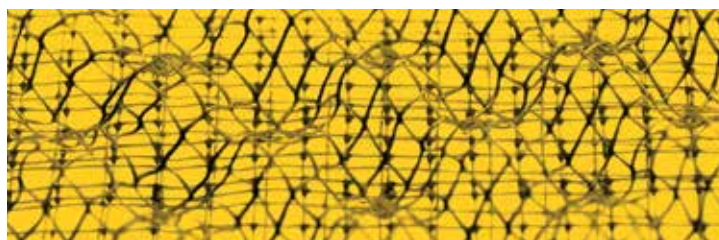
EROSION CONTROL MESH is a highly effective erosion control matting developed to protect slopes and embankments from wind and water erosion.

It is only by establishing a natural vegetative layer on a slope that erosion can be controlled. EROSION CONTROL MESH has been designed to help quickly establish a strong vegetative layer, helping to retain good soil and seed on steep slopes. Constructed from multiple layers of high tensile polyethylene, it traps soil particles in position helping to encourage seed germination.

As the vegetation becomes established, EROSION CONTROL MESH becomes an integral part of the root zone, helping to further strengthen and reinforce the slope. EROSION CONTROL MESH has been used on slopes in many different environments.



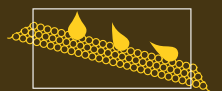
EROSION CONTROL



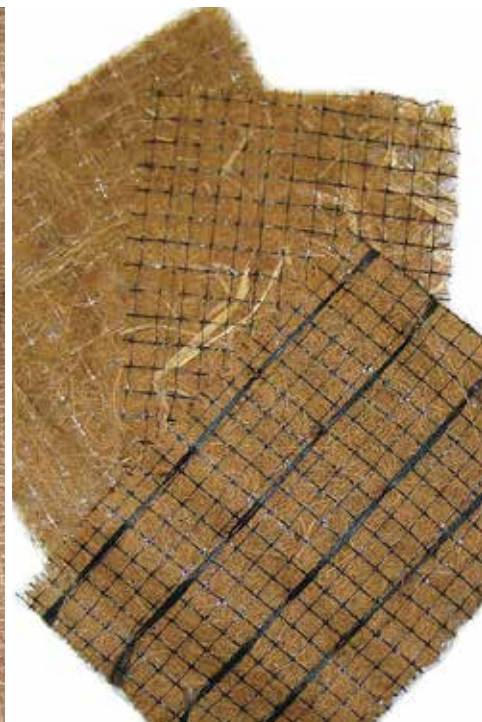
NATURAL FIBRE EROSION CONTROL

Wrekin also offer an extensive range of biodegradable erosion control products. Natural fibre matted products perform in a similar manner to our Erosion Control Mesh, by assisting soil retention and helping to quickly establish plant growth on slopes and embankments.

Our natural erosion control products are manufactured from agricultural by-products, such as coir (coconut) and straw, which are supported and interwoven with either jute or polypropylene netting. These products help to successfully establish vegetative growth on slopes and embankments before naturally breaking down and becoming part of the established vegetation.



EROSION CONTROL



APPLICATIONS

River banks
Lakes
Shoreline
Spillways
Canal ditches

Golf courses
Lawned embankments
Motorway embankments
Railway embankments
Conservation areas

Weed Suppression



weedstoppa

LOW MAINTENANCE WEED CONTROL WITHOUT CHEMICALS



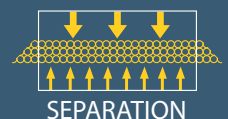
Weedstoppa works by establishing a breathable membrane barrier through which weeds are inhibited from penetrating.

Weedstoppa allows air and liquids through, creating a healthy fertile soil available only to your chosen plants. Weedstoppa is hydrophilically treated to allow liquids to pass through immediately.

The addition of a mulch layer is necessary to ensure the success of Weedstoppa. It serves three functions:

1. Shuts out remaining light to stop growth under Weedstoppa.
2. Acts to protect Weedstoppa from UV light ensuring Weedstoppa has a long life.
3. Decorates the area in keeping with your garden.

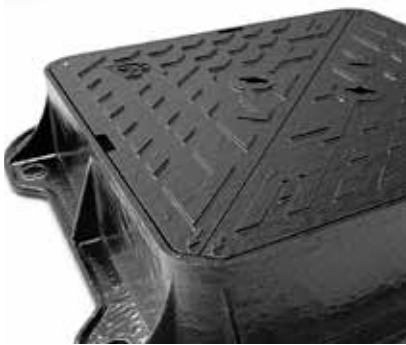
The Weedstoppa retail point of sale display package is replaced every time a new order of product is placed. This ensures a fresh looking display at all times. Each package contains 20 rolls, each roll measuring 1m x 14m. Other roll sizes available on request.



- A weed-free garden path/pedestrian/aggregate area
- Planting a flower/shrub bed
- Suppressing weed growth under timber decking

APPLICATIONS

Other products from Wrekin:



Wide Ironwork Range



Pressed Steel Covers



Fabricated Steel Access Covers



Asphalt Reinforcement Grids



Grass / Gravel Paving Systems



ProtectaWeb™ Tree Root Protection



Geosynthetic Clay Liners (GCL)








TreeBunker™ Tree Planting System



Geocomposite Drainage

Intelligent products for civil engineering

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