CI/SfB

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Common Arrangement R12

Uniclass
D1372/L141

Trinter™

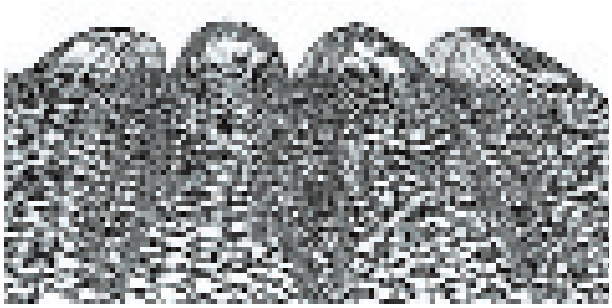
Erosion Control Mat

Geosynthetics

Trinter™

Erosion Control Mat

Trinter is one of the latest developments to help in the fight against soil erosion. By retaining soil and encouraging vegetation it can help prevent the devastating effect of erosion and reduce damaging sedimentation in rivers, canals and drainage systems.



Dense deep-rooted vegetation is the best protection for any slope. Foliage absorbs the destructive energy of rainfall and the root system binds and retains soil particles and can filter out sediment from rainwater run off.

Developed through extensive research, the Trinter Soil Retention Mat is one of the most effective methods of preventing the erosion of slopes by helping vegetation to become firmly established.

Without Trinter, newly laid soil and seed can be washed away before a vigorous root system can establish itself.

With its proven performance it is easy to see why Trinter is seen as a real breakthrough in preventing soil erosion. See the benefits that Trinter gives you:

Benefits:

- Cost effective and economical way to tackle slope erosion
- Superior soil retention proven in tests
- High quality, strong and extremely durable
- Rot proof for longer life
- Flexible enough to hug the contours of the slope for better protection
- Effective protection from the moment its installed
- Lightweight and easy to install

Product design

Slope preparation and Trinter installation.

Trinter gives permanent protection from the moment it is installed and is now being used throughout Europe to fight soil erosion.

Strong and durable Trinter is an erosion control net made of polyethylene and polypropylene for high resistance to degradation. Simple to use on all kinds of slopes it is easily rolled out and pinned, and traps newly laid soil and seed to promote successful germination.

As the root system develops it becomes interlaced with Trinter; stabilising the top layer which allows a strong, deeper root system to build up for even greater protection.

Applications:

Trinter gives you high-performance erosion control for a diverse range of applications including:

- Road, motorway and railway cuts and fills
- River banks, channels and irrigation canals
- Reservoir embankments, dams and lagoons
- Grassed spillways
- Culvert inlet and outfalls
- Golf courses, lawns and residential areas

Geosynthetics Ltd is a leading dis

Please call
01455 617 139
or email sales@geosyn.co.uk
for further information.

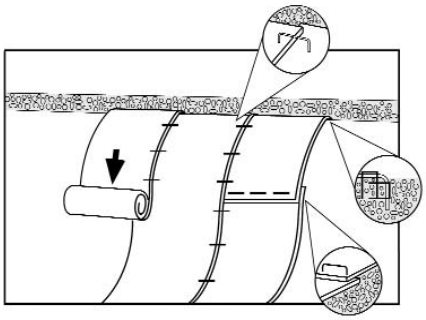
Wide product range

Large stock holding

Next day delivery

Trinter net filled with topsoil and covered with hydroseed.

Early vegetation growth.



Strength

Trinter is constructed from two polypropylene nets and reinforced with a third extruded polyethylene net. Pinned at regular centres it has the strength to be used on slopes of any length and gradient.

Soil Retention

With its unique three-layered corrugated structure Trinter mat regularly outperforms other leading brands in independent tests and provides you with the best soil retention properties.

Flexibility

The pliable structure of Trinter means that it closely follows the natural contours of the landscape resulting in more comprehensive coverage for better performance.

Soil continuity

Trinter mats open net structure makes sure that the topsoil makes constant contact with the underlying soil, which is vital for creating a reinforced base that allows vegetation to establish itself.

With a distinct advantage over mats with too dense a structure, Trinter allows the roots to easily span the two soil layers, which prevents the topsoil drying out and becoming vulnerable to erosion.

Installation

Trinter Mats are secured using an anchor trench and/or steel pins. Each Trinter mat is laid vertically allowing a 10cm overlap for the preceding roll. Once installed the mat is filled with topsoil and covered with hydroseed to encourage vegetation.

istributor of geosynthetic materials in the UK

Design service

Onsite support

See all products online at geosyn.co.uk

Geosynthetics

Quality assurance

Certified Quality

Trinter™ erosion control mat is manufactured under a quality management system which is certified in accordance with the most comprehensive standards set by the International Organisation for Standardisation; namely ISO 9001. This has been implemented throughout the business to give customers greater reliability and improved quality.

ISO 9001 ISO 14001

CE
099/CPD/A42/0013

Before

After

Geosynthetics Ltd is committed to offering the best solutions for soil stabilisation, erosion control, drainage and environmental protection problems.

Well trained staff are always available to discuss which materials are best suited to any particular application.

Technical specification

Product Details

Compersition	Polypropylene nets and HDPE net heat bonded to form a corrugated structure
Thickness	20 to 25mm
Tensile strength	3.5kN/m at 20% elongation
Ultra-violet light resistance	UV stabilisers and 2% carbon black
Mass	340g/m2
Roll diameter	Approx. 0.7m
Roll weight	Approx. 18kg
Roll size	2m x 25m

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