



CORE GEOSYNTHETICS - Specification & Installation



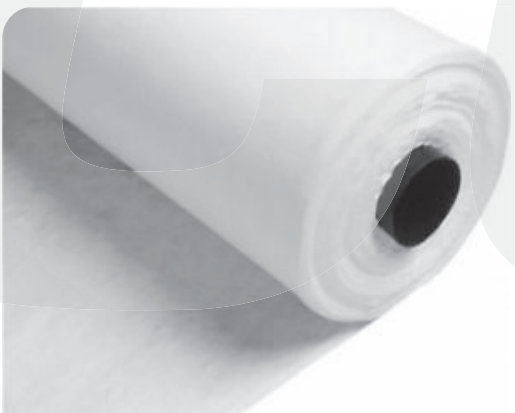
CORE MULTITRACK 1000

Specification & Installation

CORELandscape[®]
Products

THE PRODUCT

CORE MultiTrack 1000/100GSM White Non Woven Geotextile Membrane: The UK's best selling general purpose White Non Woven Geotextile Membrane. Multi Track 1000 provides a superior cost-effective solution for separation and filtration. Widely used for both the general building and domestic markets, it creates a hardwearing sub base separation layer below driveways, pathways and hardstandings.



USE FOR

- ✓ Separating/Strengthening layer under access roads and areas of hard standing • Filter surround for trench drains • Filtration • Horse arenas: separation of infill materials • Filter surround for infiltration tanks.

TECHNICAL DATA

Mechanical Properties	Test	Value
Tensile Strength - MD	EN ISO 10319	8.5 kN/m
Tensile Strength - XD	EN ISO 10319	8.5 kN/m
Elongation At Break - MD	EN ISO 10319	45%
Elongation At Break - XD	EN ISO 10319	55%
CBR Puncture Resistance	EN ISO 12236	1500 N

Hydraulic Properties	Test	Value
Water Flow Normal To The Plane	EN ISO 11058	110 Litres/m ² /s
Characteristic Opening (Pore Size)	EN ISO 11058	120 µm

Physical Properties	Test	Value
Thickness Under 2kPa	EN ISO 9863-1	1mm
Weight	EN ISO 9864	100 g/m ²

ROLL SIZE

1x14m (14m²)

4.5x10m (45m²)

2.25x25m (56.25m²)

2.25x50m (112.50m²)

2.25x100m (225m²)

4.5x100m (450m²)

THE PRODUCT

Fast Track 609 provides a cost effective solution for separation and filtration, for both the general building and domestic markets.

Perfect as a separation fabric when laying gravel or bark to flower beds and borders and as a weed blanket for general ground cover. Also hardwearing enough to create a firm sub base separation layer below driveways, pathways, and hardstandings.



USE FOR

- ✓ • Separating/Strengthening - layer under access roads and areas of hard standing • Separation layers under stone foundations for new buildings.
- Separation layers under new roads, car parks & industrial areas • Separation granular fill from sub soils and other fill types

TECHNICAL DATA

Mechanical Properties	Test	Value
Tensile Strength - MD	EN ISO 10319	16 kN/m
Tensile Strength - XD	EN ISO 10319	11.5 kN/m
Elongation At Break - MD	EN ISO 10319	18.5%
Elongation At Break - XD	EN ISO 10319	18.5%
CBR Puncture Resistance	EN ISO 12236	1500 N

Hydraulic Properties	Test	Value
Water Flow Normal To The Plane	EN ISO 11058	170 Litres/m2/s
Characteristic Opening (Pore Size)	EN ISO 11058	250 µm

Physical Properties	Test	Value
Thickness Under 2kPa	EN ISO 9863-1	0/4mm
Weight	EN ISO 9864	75 g/m2

ROLL SIZE

1x14m (14m²)

4.5x11.1m (49.95m²)

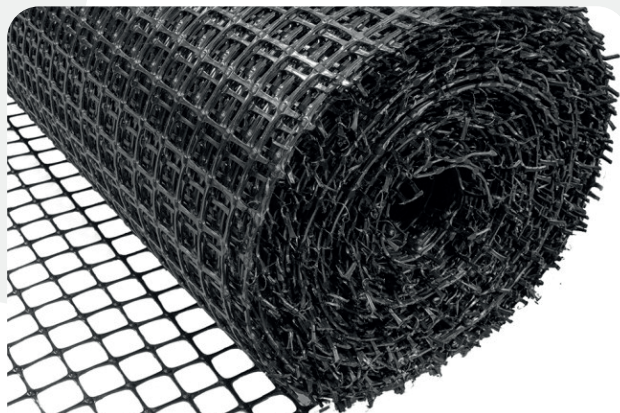
2.25x25m (56.25m²)

2.25x50m (112.50m²)

4.5x100m (450m²)

THE PRODUCT

CORE Biaxial geogrids can solve many problems by providing omni axial reinforcement to granular subbases, 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 the apertures to create a strong and positive interlock. The load dispersal effects from the interlocking mechanism increases shearing resistance within the soil, improving compaction and allowing the subbase thickness to be decreased, ultimately reducing construction time and costs.



USE FOR

- ✓ Construction haul roads • Paved and unpaved roads • Railways and ports
- Working platforms on weak sub-soils • Parking and paved areas • Multi-layer applications

TECHNICAL DATA

Tensile Strength - MD	20 kN/m
Tensile Load - MD	15 kN/m
Junction Efficiency %	>95
Pitch Size (Pmd & Ptd)	40mm
Rib Width (Wmd & Wtd)	2.0mm, 2.4mm
Rib Depth (Tmd & Ttd)	1.6mm, 1.4mm
Tj	3.8mm

BENEFITS

- ✓ Enhanced load-bearing capacity
- ✓ Effective soil stabilization
- ✓ Prevents lateral soil movement
- ✓ Reduced material usage
- ✓ Minimises construction costs

ROLL SIZE

2x50m (100m²)

4x50m (200m²)

Storage & Handling

Transported in various sized rolls. Please note that the larger sized rolls are 4.5m in length and are not light - please lift and handle in pairs.

PPE

We recommend the use of personal protective equipment (PPE) when installing CORE GEOSYNTHETICS, including strong gloves to protect the hands, and ear plugs or defenders if using loud cutting equipment.

Health & Safety

To comply with Health and Safety Regulations 1981, all construction sites should have a first aid box with enough equipment to cope with the number of workers on site, an Appointed Person to take charge of first-aid arrangements, and a First-Aider who has undertaken training and holds an HSE approved qualification to administer first aid. The number of first-aiders will depend on the site, and information should be clearly displayed on site telling workers the name of the Appointed Person(s) or First Aider(s) and where to find them.

CORE

Environmental Credentials

CORE Biaxial geogrid offers eco-friendly properties by reducing the need for excessive excavation and materials, conserving natural resources. It minimizes soil erosion and promotes efficient water drainage, aiding in sustainable land management and preventing environmental degradation. The geogrid's durable design extends project lifecycles, contributing to long-term environmental preservation and reduced waste. **CORE MultiTrack Non-woven geotextile membrane** provides eco-friendly benefits by minimizing soil erosion and aiding in efficient water drainage, promoting sustainable land management practices. Its design reduces the need for excessive excavation and materials, conserving natural resources and minimizing environmental impact. The membrane's durability and longevity contribute to prolonged project lifecycles, reducing the need for replacements and supporting environmental sustainability. **CORE FASTRACK woven membrane** offers eco-friendly advantages through its erosion prevention and efficient water drainage capabilities, supporting sustainable land management practices. By reducing soil excavation and material usage, it conserves natural resources and lessens environmental impact. The membrane's durability and rapid installation contribute to extended project lifecycles, minimizing waste and promoting environmentally responsible construction practices.

Further Information

Please do not hesitate to contact us to discuss your next project. For more information on the entire CORE product line please refer to the Knowledge Centre on our website. You can find all of your downloads, install videos and case studies at www.corelp.co.uk.

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