

Geotechnical Products

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CIVILS

Woven Geotextiles

Code	Product description	Length m	Width m
GC03680DD 450 100DD	Base Woven Geotextile (Separation)	100	4.5
GC03870DD 450 100DD	1800 Woven Geotextile (Separation)	100	4.5
GC05114DD 450 100DD	2300 Woven Geotextile (Separation)	100	4.5
GC03421DD 450 100DD	2800 Woven Geotextile (Separation)	100	4.5
GC05611DD 500 100DE	25R Woven Geotextile (Reinforcement)	100	5.0
GC04807DD 500 100DE	50R Woven Geotextile (Reinforcement)	100	5.0
GC056T4DD 500 100DE	70R Woven Geotextile (Reinforcement)	100	5.0
GC051T8DD 450 100DD	HF550 Woven Geotextile (Separation/High Permeability)	100	4.5
GC03213KK 200 100DD	Signet Woven Geotextile (Hi-visibility Warning Barrier)	100	2.0
GC03848KK 450 100DD	Alarm 18 – Woven Geotextile (Separation/Hi-visibility Warning Barrier)	100	4.5

Nonwoven Geotextiles

Code	Product description	Length m	Width m
MLTERR100 450 100DI	100 Nonwoven Geotextile (Separation/Filtration)	100	4.5
MLTERR200 450 100DI*	200 Nonwoven Geotextile (Separation/Filtration)	100	4.5
MLTERR300 450 100DI*	300 Nonwoven Geotextile (Separation/Filtration)	100	4.5

* Approved for Network Rail.

Geogrids

Code	Product description	Length m	Width m
MGRID2020 395 50AA	2020s – Biaxial Geogrid	50	3.95
MGRID3030 395 50AA	3030s – Biaxial Geogrid	50	3.95
MGRID4040 395 50AA	4040s – Biaxial Geogrid	50	3.95

Please note:

Lotrak® products are CE marked, in accordance with the Construction Products Regulation (CPR), 2013.

**For more information
on our rail offering...**



Contact rail@burdens.co.uk

Tensor Geogrids are suitable for a range of applications: Ground Stabilisation and Subgrade Improvement; Roads and Platforms.

Geogrids

Product description	Length m	Width m	Area m ²	Weight/roll kg	Material	Colour
TX130S Geogrid	75	4	300	67	Polypropylene	Black
TX150 Geogrid	75	4	300	67	Polypropylene	Black
TX160 Geogrid	75	4	300	73	Polypropylene	Black
TX170 Geogrid	50	4	200	59	Polypropylene	Black
TX190L Geogrid*	50	3.8	190	62	Polypropylene	Black

* Network Rail approval for trackbed.
Measured in accordance with EOTA Technical report TR41.

Product description	Length m	Width m	Area m ²	Weight/roll kg	Material	Colour
SC Intergrid	50	4	200	50	Polypropylene	Black
SS20 Geogrid	50	4	200	76	Polypropylene	Black
SS30 Geogrid	50	4	200	72	Polypropylene	Black
SS40 Geogrid*	30	4	120	72	Polypropylene	Black
SSLA30 Geogrid*	50	3.8	190	67	Polypropylene	Black

* Network Rail approval for trackbed.
Complies with EN ISO 10319.

Membranes

Features & Benefits:

- High resistance to puncture.
- Restricts water entering the sub-grade.
- Preserves sub-grade structural integrity.
- Tape bonded or welded joints.

Product Description	Roll Dimensions	Thickness
SC Membrane	4m x 12.5m	500 microns

Roll sizes and thickness may vary

Enviromesh

Gabions & Mattresses



Code	Product description	Approximate sizes		
		Length m	Width m	Height m
Gabions				
E111111-121205-00000	Welded Mesh Gabions 3mm Galfan	1	1	0.5
E111111-121212-00000	Welded Mesh Gabions 3mm Galfan	1	1	1
E111111-191205-00000	Welded Mesh Gabions 3mm Galfan	1.5	1	0.5
E111111-191212-00000	Welded Mesh Gabions 3mm Galfan	1.5	1	1
E111111-261205-01000	Welded Mesh Gabions 3mm Galfan	2	1	0.5
E111111-261212-01000	Welded Mesh Gabions 3mm Galfan	2	1	1
E444444-121205-00000	Welded Mesh Gabions 2.7/3.2mm PVC Green	1	1	0.5
E444444-121212-00000	Welded Mesh Gabions 2.7/3.2mm PVC Green	1	1	1
E444444-191205-00000	Welded Mesh Gabions 2.7/3.2mm PVC Green	1.5	1	0.5
E444444-191212-00000	Welded Mesh Gabions 2.7/3.2mm PVC Green	1.5	1	1
E444444-261205-01000	Welded Mesh Gabions 2.7/3.2mm PVC Green	2	1	0.5
E444444-261212-01000	Welded Mesh Gabions 2.7/3.2mm PVC Green	2	1	1
EMG27-121205	Double Twist Woven Gabions 2.7mm Zinc	1	1	0.5
EMG27-121212	Double Twist Woven Gabions 2.7mm Zinc	1	1	1
EMG27-191205	Double Twist Woven Gabions 2.7mm Zinc	1.5	1	0.5
EMG27-191212	Double Twist Woven Gabions 2.7mm Zinc	1.5	1	1
EMG27-261205	Double Twist Woven Gabions 2.7mm Zinc	2	1	0.5
EMG27-261212	Double Twist Woven Gabions 2.7mm Zinc	2	1	1
EMP27-121205	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	1	1	0.5
EMP27-121212	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	1	1	1
EMP27-191205	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	1.5	1	0.5
EMP27-191212	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	1.5	1	1
EMP27-261205	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	2	1	0.5
EMP27-261212	Double Twist Woven Gabions 2.7/3.7mm PVC Grey	2	1	1
Mattresses				
EMP20-A1-A1D	Double Twist Woven Mattresses 2/3mm PVC Grey	2	2	0.3
EMP20-AM-A1DSPEC	Double Twist Woven Mattresses 2/3mm PVC Grey	3	2	0.2
EMP20-AM-A1D	Double Twist Woven Mattresses 2/3mm PVC Grey	3	2	0.3



Grass & Gravel Paving Grids

Bodpave / Truckpave

Bodpave® 85

Bodpave®85 Grass Pavers/Paving Grids are a strong interlocking 100% recycled cellular porous plastic paving grid system for grass reinforcement, ground stabilisation and gravel retention for regular trafficked surfaces (pedestrian and vehicles). Bodpave®85 Porous Pavers can be installed with either a grass or gravel filled surface.



Length mm	Width mm	Area	Material	Colour	Loading
500	500	4 grids per sqm	High density polyethylene	Black/green/natural	400 tonnes per sqm load carrying weight

Bodpave® 40

BodPave 40 Grass Pavers are an interlocking cellular paving grid system for grass and ground reinforcement applications where there is regular pedestrian or vehicle use. BodPave 40 permeable paving grids can be installed with either a grass or gravel filled surface and allow full rainwater penetration.



Length mm	Width mm	Area	Material	Colour	Loading
500	500	4 grids per sqm	Recycled polyethylene	Black/green	150 tonnes per sqm load carrying weight

Truckpave

Truckpave cellular paving is robust, durable and capable of withstanding all levels of traffic up to and including coaches, dustcarts and HGVs.



Length mm	Width mm	Area	Material	Colour	Loading
600	400	4.17 pavers per sqm	Recycled polyethylene	Grey	60 tonnes gross weight

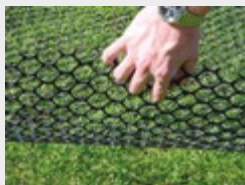
Terram

Grass Reinforcement

Turfprotecta® / Grassprotecta® / Pathmat

Turfprotecta®

TurfProtecta® turf reinforcement mesh is an extruded black or green, lightweight plastic mesh for grass reinforcement and protection where occasional light vehicle or pedestrian use is required.



Length	Material	Colour
Various roll sizes available	UV stabilised, recycled high density polyethylene	Green/black

Grassprotecta®

GrassProtecta® grass reinforcement mesh is an improved heavy duty thick slip resistant polyethylene grid for reinforcing and protecting grassed surfaces prone to wear, rutting and smearing which can result in a muddy surface incapable of withstanding vehicular or pedestrian.



Length	Material	Colour
Various roll sizes available	HDPE	Green

Pathmat

Terram Pathmat beach access mat is a flexible surface reinforcement for permanent or temporary access applications over soft sand surfaces. Utilising the proven oscillated mesh design ensures that rigidity and strength are preserved, providing a reinforced stable surface.



Length m	Width m	Material	Colour	Loading
1.524	10	UV stabilised Elastomeric polyethylene blend	Light blue	16KN / M

Tree Root Protection & Slope Erosion / Geocomposite Drains

Geocell / Geocomposite Drains

Tree Root Protection & Slope Erosion

Geocell

Terram Geocell is a relatively shallow cellular confinement system which is used to combat erosion on slopes up to 1:1. The Geocell is fabricated using a geotextile so it is permeable and allows water to flow between cells encouraging drainage and vegetation. Once placed and secured on the slope, the Geocell can be filled with soil or a mineral fill. The result is that the confined fill is able to better resist the erosive effects of wind and run-off.



Geocomposite Drains

Geocomposite Drains

Terram Geocomposite Drains are a filter separator for liquid/gases and soil particles. Applications include Highways (vertical edge of carriage way) retaining walls, engineered landfills, tunnels, buried structures and roof gardens.



**If it's Membranes
you're looking for...**



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