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TERRAM
Geosynthetics you can trust

STANDARD GEOTEXTILES GT

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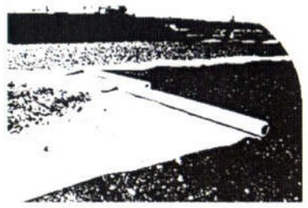
Product Information Sheet



1. DESCRIPTION

Nonwoven geotextile manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been both mechanically and thermally bonded to provide high strength and excellent abrasion characteristics.

2. APPLICATION

Typical uses for Terram standard geotextiles include ground stabilisation (between the sub-base and subgrade) and around drainage materials.

Terram filters/separators are used extensively in the construction of:
- Paved and unpaved roads
- Railways
- Car parks and hardstandings
- Cycleways and footpaths
- SuDS installations

3. FEATURES

Engineered to provide high strength and high elongation at break to ensure excellent resistance to damage during construction. Terram standard geotextiles are manufactured to performance properties, not weight, sufficient fibre will be added to achieve these properties.

Manufactured from high tenacity UV stabilised virgin polypropylene fibres which have been heavily drawn to ensure excellent long term durability in all soil types.

Manufactured using a randomly orientated web to provide completely isotropic properties, ensuring that high strength is not limited to a single direction. Excellent uniformity with high permeability and low pore size for soil filtration.

Supplied to a maximum width of 6mts, ensuring minimum waste over large construction areas.

	Test Method	Unit	Mean Value (Applied Tolerance Value [a])								
			T700 GT	T900 GT	T1000 GT	T1300 GT	T1500 GT	T2000 GT	T3000 GT	T4000 GT	T4500 GT
4. MECHANICAL PROPERTIES											
Tensile Strength	EN ISO 10319	kN/m	6.0 (-0.6)	7.5 (-0.75)	8.0 (-0.8)	10.5 (-1.05)	12.5 (-1.25)	14.5 (-1.45)	18.0 (-1.8)	22.0 (-2.2)	30.0 (-3.0)
Tensile Elongation		%	60 (±20)	60 (±20)	60 (±20)	60 (±20)	60 (±20)	60 (±20)	60 (±20)	60 (±20)	60 (±20)
CBR Puncture Resistance	EN ISO 12236	N	1050 (-105)	1350 (-135)	1500 (-150)	2000 (-200)	2250 (-225)	2750 (-275)	3250 (-325)	4300 (-430)	5350 (-535)
Cone Drop	EN ISO 13433	mm	42 (+8)	40 (+8)	38 (+6)	34 (+6)	32 (+6)	26 (+5)	24 (+4)	22 (+4)	14 (+3)
5. HYDRAULIC PROPERTIES											
Pore Size - Mean AOS	EN ISO 12956	µm	95 (±20)	75 (±20)	75 (±20)	65 (±20)	65 (±20)	65 (±20)	60 (±20)	60 (±20)	60 (±20)
Permeability—(H_{50})	EN ISO 11058	l/m²s	100 (-30)	95 (-28)	90 (-27)	75 (-23)	65 (-20)	55 (-17)	50 (-15)	30 (-9)	30 (-9)

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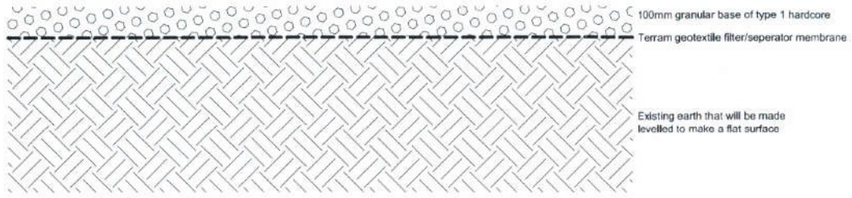
A fiberweb BUSINESS



car park section 1:20

ROCHFORD D.C. APPROVED PLAN

Rochford District Council
Planning Services
- 2 JUL 2014
DIR/DC/LP/BC/ADMIN

Car park details :
Academy Soccer is proposing to install a membrane below the type 1 finish for the car park. The membrane is permeable and will allow the rain water to drain through onto the ground.
Once the membrane is fitted, a natural filter is established adjacent to the geotextile pores.
The Product information sheet over, proves that from section 2, the application is suited for car parks and hard standings, from section 3 we can see that the membrane is suitable for all soil types, also from section 5 we can see that the membrane has pore holes and what the permeability is depending on which membrane is used. Academy soccer will consult with the manufacturer prior to installation and will fit the recommended membrane.

wjs - survey & design
249 Ashingdon Road Rochford Essex SS4 1RS
Tel: 01702 546922 Mob: 07876563672 email: warrenjsharp@gmail.com

Client: **Academy Soccer**

Location:
Land at Old London Road
Rawreth
Essex, SS11 8UE

Project and Stage:
Proposed new car park membrane details

- ☐ Concept Designs
- ☐ Tender Package
- ☒ Planning Drawings
- ☐ Contract Package
- ☐ Building Regulations
- ☐ Working Drawings

Drawn: **ws** | Checked: **sb** | Sheet: **A3**
Scale: **1:2500 & 100** | Date: **JUNE 2014**
Dwg No: **14-field - 014** | Rev: