

# Robust Geotextiles



**Nonwoven geotextile manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics.**

The hydraulic and filtration properties of TERRAM standard geotextiles makes them highly effective in replacing traditional filter layers. Typically, a single layer of geotextile can replace a succession of stone filter layers. A single bedding layer of stone is laid on the geotextile and this is followed by the rock armour.

TERRAM Robust Geotextiles are able to resist damage that could otherwise be caused during the placement of angular stone/rock and go on to deal with point loads in service life.

#### Features & Benefits:

Engineered to provide high strength and high elongation at break to ensure excellent resistance to damage during construction.

TERRAM Robust Geotextiles are manufactured to performance properties, not weight. Sufficient fibre will be added during production to achieve these properties.

Engineered to provide excellent protection properties in aggressive soils and liquids.

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

Manufactured using a randomly orientated web to provide 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.

Product Grade	RG3	RG3.3	RG4	RG5	RG6	RG7	RG8	RG9	RG11	RG14	RG19	RG22	RG25	RG30	RG40
Roll Width m	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	4.5	4.5	4.5	4.5	4.5	4.5
Roll Length m	175	175	150	150	150	125	125	100	75	75	50	50	50	50	50
Thickness @ 2kPa mm	2.6	2.8	2.9	3.5	4.0	5.0	5.5	6.0	7.5	8.5	10.5	12.0	16.0	19.0	19.2

TERRAM product specifications can be downloaded freely from [www.terram.com](http://www.terram.com)

