



# Terram Weedguard

## Fibre Composition

Polypropylene core (70%)/polyethylene sheath (30%)

## Mechanical Properties (mean values)

Tensile Strength	EN ISO 10319	kN/m	6.0
Elongation	EN ISO 10319	%	28
CBR Puncture Resistance	EN ISO 12236	N	800

## Hydraulic Properties (mean values)

Permeability	EN ISO 11058	l/m <sup>2</sup> .s	105
Opening Size	EN ISO 12956	µm	160

## Physical Properties (Typical Values)

Mass Per Unit Area <sup>(2)</sup>	EN ISO 9864	g/m <sup>2</sup>	90
Thickness	EN 964-1	mm	0.68

## Durability

This product is predicted to be durable for more than 25 years in soils with a pH in the range 2 to 14 and with a temperature of less than 25°C.

## Chemical Resistance

Polypropylene and polyethylene are unaffected by the chemicals which normally exist in soils.

## Biological Resistance

Polypropylene and polyethylene are not nutrients for micro-organisms and do not provide nourishment for animals and insects.

Green-tech endeavours to ensure that the information given on this technical data sheet is accurate, but accepts no liability for its use or its suitability for particular applications.

Rabbit Hill Business Park, Great North Road, Arkendale, Knaresborough HG5 0FF

T: 01423 332100 E: sales@green-tech.co.uk W: www.green-tech.co.uk Facebook: @greentechuk Twitter: @greentechltd



## UV Exposure

Geosynthetic products are delivered to site in polyethylene wrapping to protect against the effects of ultra-violet radiation. It is recommended that the products remain wrapped until their installation.

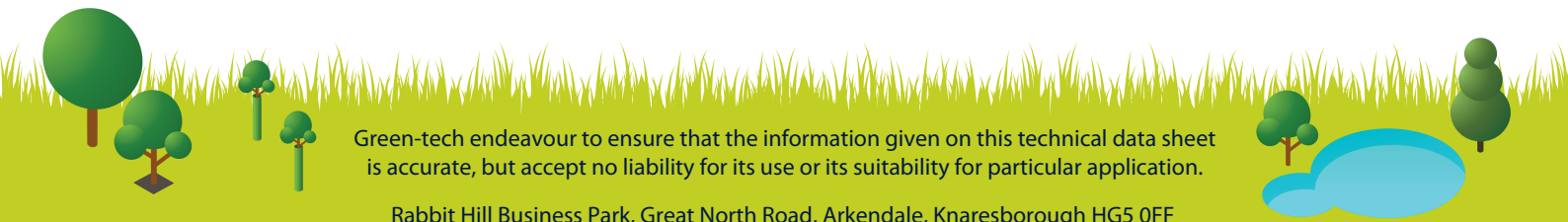
Once unwrapped, the products should be completely covered with fill within 14 days to avoid exposure to UV radiation.

Versions of most products can be manufactured with enhanced UV performance by incorporating stabilisers. These versions carry the suffix UV. The remaining properties are identical to the corresponding standard grade.

Adequate precautions should always be taken to protect all products from UV radiation to achieve the stated durability.

## Notes

1. Refer to the Terram Jointing Methods for when simple overlaps are required for subsequent and adjacent roll lengths. However, pegging, sewing, stapling or gluing can also be used depending upon the application, the sub-grade conditions, the loading, the convenience and the cost.
2. These figures relate to standard product weights and roll sizes. Other weights, sizes and colours may be available on request. For further information, contact us for support.



Green-tech endeavour to ensure that the information given on this technical data sheet is accurate, but accept no liability for its use or its suitability for particular application.

Rabbit Hill Business Park, Great North Road, Arkendale, Knaresborough HG5 0FF

**T:** 01423 332100 **E:** sales@green-tech.co.uk **W:** www.green-tech.co.uk **Facebook:** @greentechuk **Twitter:** @greentechltd