

Date: 16/08/2017/ Issue 1a

Mechanical Properties (Mean values)			
Tensile Strength	EN ISO 10319	kN/m	7.5
Tensile Elongation	EN ISO 10319	%	60
CBR Puncture Resistance	EN ISO 12236	N	1350
Cone Drop	EN ISO 13433	mm	40
Hydraulic Properties (Typical values)			
Permeability (H <sub>50</sub> )	EN ISO 11058	l/m <sup>2</sup> .s	105
Opening Size (O <sub>90</sub> )	EN ISO 12956	µm	90
Physical Properties (Typical values)			
Thickness at 2kPa	EN ISO 9863-1	mm	1.0
Pack Dimensions <sup>(1)</sup>			
Width		m	4.5
Length		m	11.1

## Durability

This product is predicted to be durable for more than 25 years in soil 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 & insects.

## UV exposure

Fiberweb Geosynthetics' 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 the 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* (downloadable from [www.terram.com](http://www.terram.com)) 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 please contact Fiberweb Geosynthetics' Technical Support.



As part of its continual improvement process Fiberweb Geosynthetics Ltd reserve the right to change the properties listed on this data sheet without prior notice.

<sup>TM</sup> indicates a trade mark of Berry Global, many of which are registered in a number of countries around the world.



A Berry Global Company  
Fiberweb Geosynthetics Ltd  
Blackwater Trading Estate  
The Causeway, Maldon, CM9 4GG  
United Kingdom

Tel: +44 (0)1621 874200  
Fax: +44 (0)1621 874299  
Email: [info@terram.com](mailto:info@terram.com)  
[www.terram.com](http://www.terram.com)



**TERRAM**  
Geosynthetics you can trust