

Weed Control Geotextile

Technical Data Sheet

Weed-control fabric proven for suppressing weeds in landscaping and garden applications without the need for chemicals.

Applications

Terram® WeedGuard™ is proven for suppressing weeds in landscaping and garden applications without the need for chemicals. This geotextile is designed to allow the passage of water, oxygen and nutrients while blocking weeds.

Terram® WeedGuard™ is installed at the interface between soil and a decorative layer such as bark chippings, stone chippings, pebbles or gravel.

- Weed suppression geotextile
- Landscaping
- Gardening
- Construction

Product Benefits

- Supplied in roll sizes to suit small gardens to large landscape project
- Maintenance free and resistant to microbiological and chemical attack
- Flexible to adapt to uneven ground
- Ideal for landscaping, garden beds and beneath decking

Product Features

- Easy to cut
- Will not fray
- Light weight and easy to install
- Unobtrusive grey colour
- Permeable for water, oxygen and nutrients but block weeds



Product Specification

Properties	Test Method	Unit	Terram WeedGuard™
Fibre composition			
Polypropylene core		%	70
Polypropylene sheath		%	30
Mechanical	(Mean values)		
Tensile Strength	EN ISO 10319	kN/m	6.0
Tensile Elongation	EN ISO 10319	%	28
CBR Puncture Resistance	EN ISO 12236	N	800
Hydraulic	(Mean values)		
Permeability	EN ISO 11058	l/m ² s	105
Opening size	EN ISO 12956	µm	160
Physical	(Typical values)		
Mass Per Unit Area (2)	EN ISO 9864	g/m ²	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 25oc.

Chemical Resistance

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

Biological Resistance

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

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.

Root Barrier Store reserves the right to change the properties listed on this data sheet without prior notice and in line with Terram® Ltd data changes as part of its continued improvement process.

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