

# TECHNICAL DATASHEET

## WEEDGUARD LANDSCAPING GEOTEXTILE

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.

WeedGuard geotextile is an unobtrusive grey colour, easy to cut, does not fray, simple to position, flexible to adapt to uneven ground, can be secured using plastic pegs and is permeable to allow water, air and nutrients through.



	STANDARD	UNIT	WEED GUARD
<b>FIBRE COMPOSITION</b>			
POLYPROPYLENE CORE (70%) POLYETHYLENE SHEATH (30%)			
<b>MECHANICAL PROPERTIES</b>			
TENSILE STRENGTH	EN ISO 10319	kN/m	6.0
ELONGATION	EN ISO 10319	%	28
CBR PUNCTURE RESISTANCE	EN ISO 12236	N	800
<b>HYDRAULIC PROPERTIES (MEAN VALUES)</b>			
PERMEABILITY	EN ISO 11058	l/m <sup>2</sup> .s	105
OPENING SIZE	EN ISO 12956	µm	160
<b>PHYSICAL PROPERTIES (TYPICAL VALUES)</b>			
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 not nutrients for micro-organisms and do not provide nourishment for animals & insects.

### UV EXPOSURE

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.

### REGISTERED OFFICE ADDRESS

Units 2 & 5 Tetbury Close  
Martland Industrial Park  
Wigan  
Greater Manchester  
WN5 0LA

1. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained from testing to current EN ISO standards
4. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
5. Installation details are available on request.

