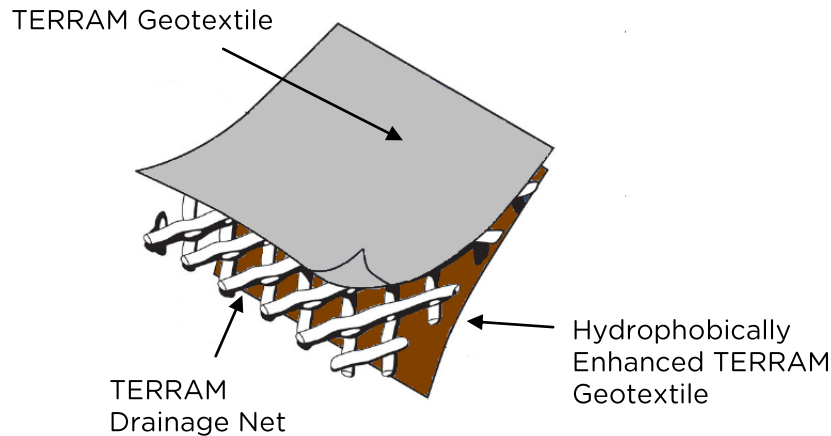


**Frost Blanket
geocomposite**

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Product Data Sheet

Issue: 02 Date: 08.10.13 Page: 1 of 2



Composition	Drainage core with a geotextile filter thermally bonded to both sides. The composite acts as a drainage enhancing permeable, capillary break within soils to assist with the prevention of frost-heave.
Upper filter:	T2000LE white geotextile manufactured from virgin Polypropylene fibres
Core:	Extruded Polyethylene net
Lower filter	T2000LE brown geotextile manufactured from hydrophobically enhanced virgin Polypropylene fibres

Hydraulic Properties - Composite (Mean values)

In-plane Water Flow	EN ISO 12958	20kPa	l/m.s	0.60
hydraulic gradient = 1.0 , hard/hard		200kPa		0.40
platen & measured in the longitudinal direction				

Mechanical Properties - Composite (Mean values)

Tensile Strength	EN ISO 10319	MD	kN/m	30
CBR Puncture Resistance	EN ISO 12236		N	5000

Physical Properties - Composite (Typical values)

Mass per Unit Area	EN ISO 9864		g/m ²	820
Thickness (2kPa)	EN ISO 9863-1		mm	5.5
Roll Width			m	2.0 or 4.0
Roll Length			m	25 or 100
Roll Weight (2m x 25m)			kg	55
Filter Overlap (one side/bonded)		nominal	mm	100

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 & 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 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 "*Frost Blanket*" *guidance note* for detailed guidance on the installation methods.
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.

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