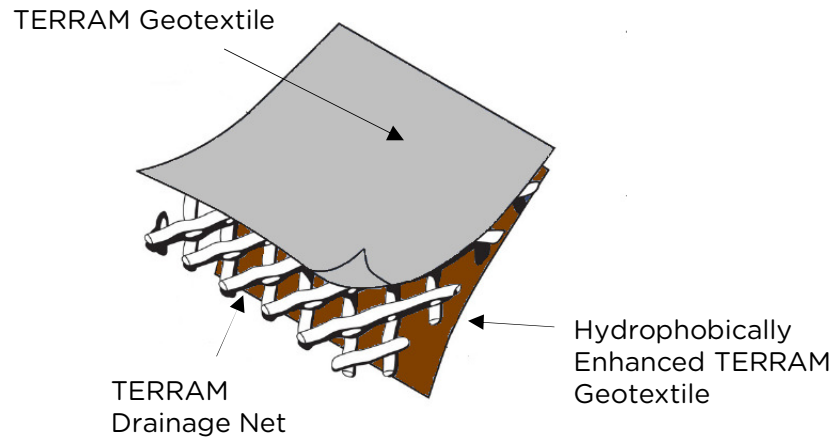


**Salt Barrier
geocomposite**

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Product Data Sheet

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| | |
|--------------------|--|
| Composition | Drainage core with a filter bonded to both sides. The composite acts as a permeable, capillary break within soils to prevent salt migration. |
| Upper filter: | T2000UV white manufactured from fibres with polypropylene core (70%)/polyethylene sheath (30%) |
| Core: | Extruded polyethylene (PE) net |
| Lower filter | T2000UV brown manufactured from hydrophobically enhanced fibres with polypropylene core (70%)/polyethylene sheath (30%) |

Hydraulic Properties - Composite (Mean values)

| | | | | |
|---|--------------|--------|-------|------|
| In-plane Water Flow | EN ISO 12958 | 20kPa | l/m.s | 0.50 |
| hydraulic gradient = 1.0 , hard/hard | | 200kPa | | 0.25 |
| plattens & 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 | | kg | 55 |
| Filter Overlap (one side) | | 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 Jointing Methods* (downloadable from 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.

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