

**GRASSCARPET™**  
grass-reinforcement  
composite

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**Product Data Sheet**

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| Characteristics                      | Test Method     |                           |
|--------------------------------------|-----------------|---------------------------|
| Mesh structure                       |                 | Oscillated                |
| Mesh polymer                         |                 | High density polyethylene |
| Mesh colour                          |                 | Green                     |
| Geotextile (needlepunched non woven) |                 | Polypropylene             |
| Geotextile colour                    |                 | Black                     |
| Tensile strength (kN/m) [MD]         | ISO 10319       | 20                        |
| Tensile elongation (%) [MD]          |                 | 35                        |
| CBR puncture resistance (kN)         | BS IN ISO 12236 | 3.3                       |
| Residual thickness @500kPa (%)       | ASTM D1621      | 60                        |
| Apparent pore size - 90% finer (µm)  | EN ISO 12596    | 60                        |
| Water flow at 100mm head (l/s/m²)    | EN ISO 11058    | 70                        |

| Nominal dimensions             |      |
|--------------------------------|------|
| Composite thickness (mm)       | 14.5 |
| Composite weight/m² (kg)       | 2.4  |
| Composite weight/linear m (kg) | 4.8  |
| Roll width (m)                 | 2    |
| Roll length (m)                | 20   |
| Roll weight (kg)               | 96   |

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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