



1213

No113-DoP-2021-03-02

|                         |   |                     |
|-------------------------|---|---------------------|
| <b>British Standard</b> | <b>Title: Geotextiles and geotextile-related products</b> | <b>Intended Use</b> |
| EN 13252:2016           | Characteristics required for use in drainage systems      | F, F + S, D         |

| Essential Characteristics                          | Test Standard                                     | Units                 | Performance  | Confidence Limit         |
|--|---|-----------------------|--|--------------------------|
| Tensile strength (1)                               | BS EN ISO 10319                                   | kN/m                  | MD 9 / CMD 9   | -1                       |
| Elongation at maximum load (1)                     | BS EN ISO 10319                                   | %                     | MD 60 / CMD 65   | ±12 / ±13                |
| Dynamic perforation resistance (1)                 | BS EN ISO 13433                                   | mm                    | 32   | +4                       |
| Resistance to static puncture (1)                  | BS EN ISO 12236                                   | kN                    | 1.4  | -0.14                    |
| Opening size (1)                                   | BS EN ISO 12956                                   | µm                    | 80   | ±25                      |
| Water permeability normal to the plane (1)         | BS EN ISO 11058                                   | l/(m <sup>2</sup> ·s) | 100  | -20                      |
| Water flow capacity in the plane (soft/soft) (2)   | BS EN ISO 12958                                   | m <sup>2</sup> /s     | 1.5 · 10 <sup>-3</sup>   | -0.45 · 10 <sup>-3</sup> |
| Water flow capacity in the plane (rigid/rigid) (2) |   |                       | 2 · 10 <sup>-3</sup>   | -0.5 · 10 <sup>-3</sup>  |
| <b>Dangerous substances</b>                        | National Regulations in force in EU Member States | -                     | Less than required by national regulations in EU Member States | -                        |

**Notes**

- 1) Property relates to the geotextile filter layer.
- 2) Property relates to the geocomposite.

**Durability**

To be covered within 1 day after installation (EN 12224).

Predicted to be durable a minimum of 5 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures ≤ 25° C.

**System 2+:** Notified factory production control certification body No. 1213 SKZ-Testing GmbH performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC.

The performance of the product RK6 is in conformity with the declared performance in the table above. This declaration of performance is issued under the sole responsibility of the manufacturer Geofabrics Limited.

**Signed for and on behalf of Geofabrics Limited by:**

Alessandro Sartori - Technical Manager

**Place and date of issue:**

Leeds, West Yorkshire 02/03/2021