



1213

No130-DoP-2022-05-03

Standard	Title: Geotextiles and geotextile-related products	Intended Use
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	l/(m·s)	5	-1.25
Water flow capacity in the plane (rigid/rigid) (2)			7	-1.75
Dangerous substances	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  $4 \leq \text{pH} \leq 9$  and soil temperatures  $\leq 25^\circ \text{C}$ .

**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 RK12 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 03/05/2022



No130-UKDoP-2022-05-03

Standard	Title: Geotextiles and geotextile-related products	Intended Use
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	l/(m·s)	5	-1.25
Water flow capacity in the plane (rigid/rigid) (2)			7	-1.75
Dangerous substances	National Regulations in force in the United Kingdom	-	Less than required by national regulations in the United Kingdom	-

**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  $4 \leq \text{pH} \leq 9$  and soil temperatures  $\leq 25^\circ \text{C}$ .

**System 2+:** Notified factory production control certification body No. 0120 SGS United Kingdom 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 RK12 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 03/05/2022