



0338

No108-DoP-2020-01-15

British Standard	Title: Geotextiles and geotextile-related products	Intended Use
EN 13250:2016	Characteristics required for use in construction of railways	F, F + S

Essential Characteristics	Test Standard	Units	Performance	Confidence Limit
Tensile strength	BS EN ISO 10319	kN/m	MD 30 / CMD 30	-2
Elongation at maximum load	BS EN ISO 10319	%	MD 70 / CMD 70	±17.5
Dynamic perforation resistance	BS EN ISO 13433	mm	20	+2
Resistance to static puncture	BS EN ISO 12236	kN	7.0	-0.7
Opening size	BS EN ISO 12956	µm	60	±30
Water permeability	BS EN ISO 11058	m/s	$50 \cdot 10^{-3}$	$-20 \cdot 10^{-3}$
Dangerous substances	National Regulations in force in EU Member States	-	Less than required by national regulations in EU Member States	-

Durability

To be covered within 1 month after installation (EN 12224). Predicted to be durable for service lives up to 5 years 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. 0338 BTTG 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 RK2 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 15/01/2020