



1213

No054-DoP-2021-03-25

British Standard	Title: Geotextiles and geotextile-related products	Intended Use
EN 13249:2016	Characteristics required for use in the construction of roads and other trafficked areas	F, F + S
EN 13250:2016	Characteristics required for use in the construction of railways	F, F + S
EN 13251:2016	Characteristics required for use in earthworks, foundations and retaining structures	F, F + S
EN 13252:2016	Characteristics required for use in drainage systems	F, F + S
EN 13253:2016	Characteristics required for use in erosion control works	F, F + S
EN 13254:2016	Characteristics required for use in construction of reservoirs and dams	F, F + S
EN 13255:2016	Characteristics required for use in the construction of canals	F, F + S
EN 13257:2016	Characteristics required for use in solid waste disposal	F, F + S
EN 13265:2016	Characteristics required for use in liquid waste containment projects	F

Essential Characteristics	Test Standard	Units	Performance	Confidence Limit
<b>Tensile strength</b>	BS EN ISO 10319	kN/m	MD 130 / CMD 130	-13
<b>Elongation at maximum load</b>	BS EN ISO 10319	%	MD 80 / CMD 80	±30
<b>Dynamic perforation resistance</b>	BS EN ISO 13433	mm	0	+1
<b>Resistance to static puncture</b>	BS EN ISO 12236	kN	25	-2.5
<b>Characteristic opening size</b>	BS EN ISO 12956	µm	55	±13
<b>Water permeability normal to the plane</b>	BS EN ISO 11058	l/(m <sup>2</sup> ·s)	8	-3
<b>Dangerous substances</b>	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 100 years in natural soils with  $4 \leq \text{pH} \leq 9$  and soil temperatures  $\leq 25^\circ \text{C}$  on the basis of the results of the test method EN ISO 13438 procedure A and test duration of 112 days.

**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 HPS25C 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 25/03/2021