Declaration of Performance – HPS 5

No006-DoP-2017-12-05

Standard Number | Title | Intended Uses
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EN 13249:2016 | Geotextiles for roads and other trafficked areas | F, F + S
EN 13250:2016 | Geotextiles for railways | F, F + S
EN 13251:2016 | Geotextiles for earthworks, foundations and retaining structures | F, F + S
EN 13252:2016 | Geotextiles for drainage systems | F, F + S
EN 13253:2016 | Geotextiles for erosion control works | F, F + S
EN 13254:2016 | Geotextiles for reservoirs and dams | F, F + S, P
EN 13255:2016 | Geotextiles for canals | F, F + S, P
EN 13256:2016 | Geotextiles for tunnels and underground structures | P
EN 13257:2016 | Geotextiles for solid waste disposal | F, F + S, P
EN 13265:2016 | Geotextiles for liquid waste disposal | F, P

Essential Characteristics

<table>
<thead>
<tr>
<th>Method</th>
<th>Units</th>
<th>Performance</th>
<th>Confidence Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS EN ISO 10319</td>
<td>kN/m</td>
<td>MD 30 / CMD 30</td>
<td>±30</td>
</tr>
<tr>
<td>BS EN ISO 13433</td>
<td>mm</td>
<td>5</td>
<td>±2</td>
</tr>
<tr>
<td>BS EN ISO 12236</td>
<td>kN</td>
<td>5</td>
<td>-0.5</td>
</tr>
<tr>
<td>BS EN ISO 12956</td>
<td>µm</td>
<td>80</td>
<td>±30</td>
</tr>
<tr>
<td>BS EN ISO 11058</td>
<td>m/s</td>
<td>$65.10^{-3}$</td>
<td>$-15.10^{-3}$</td>
</tr>
<tr>
<td>BS EN ISO 13719</td>
<td>kN/m²</td>
<td>$14.10^2$</td>
<td>$-5.10^2$</td>
</tr>
<tr>
<td>BS EN ISO 14574</td>
<td>N</td>
<td>430</td>
<td>-130</td>
</tr>
</tbody>
</table>

Durable 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 100 years in natural soils with $4 \leq pH \leq 9$ and soil temperatures $\leq 25^\circ C$ 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. 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 HPSS 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 on behalf of GEOfabrics Limited by:

Clare Harvey - Compliance Manager

Place and date of issue:
Leeds, West Yorkshire 05/12/2017