









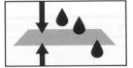
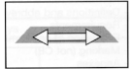
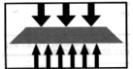

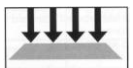


Terrasilt GR180

Intended use

-  **EN 13249**
Construction of roads and other trafficked areas
-  **EN 13250**
Construction of railways
-  **EN 13251**
Earthworks, foundations and retaining structures
-  **EN 13252**
Drainage systems
-  **EN 13253**
Erosion control works
-  **EN 13254**
Construction of reservoirs and dams
-  **EN 13255**
Construction of canals
-  **EN 13256**
Construction of tunnels and underground structures
-  **EN 13257**
Solid waste disposal
-  **EN 13265**
Liquid waste disposal

Functions

-  **Filtration**
-  **Reinforcement**
-  **Separation**
-  **Drainage**
-  **Protection**

Durability

- To be covered within 1 week after installation.
- Predicted to be durable for a minimum of 25 years in natural soils with pH between 4 and 9 and soil temperatures lower than 25 °C.
- Geotextile consisting of polypropylene and polyamide material have passed the oxidation test according to the EN ISO 13438. The minimum percentage retained strength is > 50 %.

Properties		Standard	Average	Tolerance	Unit
Tensile Strength	(MD)	EN ISO 10319	23,00	- 3,00	kN/m
Tensile Strength	(CMD)	EN ISO 10319	22,00	- 2,90	kN/m
Elongation	(MD)	EN ISO 10319	27,0	± 6,5	%
Elongation	(CMD)	EN ISO 10319	46,0	± 10,6	%
Dynamic Perforation Resistance		EN ISO 13433	14	+ 3	mm
Resistance to Static Puncture		EN ISO 12236	3,40	- 0,68	kN
Characteristic Opening Size		EN ISO 12956	300	± 90	µm
Water Permeability Normal to the Plane		EN ISO 11058	14	- 4	10 ⁻³ m/s
Mass per unit area *		EN ISO 9864	179	± 18	g/m ²
Fabric width *			75	± 2	cm

* not mandated characteristics for CE-marking