
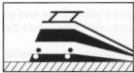



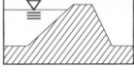
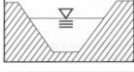



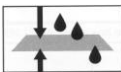
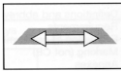
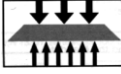

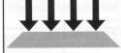


Terralys LF 480

Intended use

- | | | |
|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> |  | EN 13249
Construction of roads and other trafficked areas |
| <input checked="" type="checkbox"/> |  | EN 13250
Construction of railways |
| <input checked="" type="checkbox"/> |  | EN 13251
Earthworks, foundations and retaining structures |
| <input checked="" type="checkbox"/> |  | EN 13252
Drainage systems |
| <input checked="" type="checkbox"/> |  | EN 13253
Erosion control works |
| <input checked="" type="checkbox"/> |  | EN 13254
Construction of reservoirs and dams |
| <input checked="" type="checkbox"/> |  | EN 13255
Construction of canals |
| <input type="checkbox"/> |  | EN 13256
Construction of tunnels and underground structures |
| <input checked="" type="checkbox"/> |  | EN 13257
Solid waste disposal |
| <input checked="" type="checkbox"/> |  | EN 13265
Liquid waste disposal |

Functions

- | | | |
|-------------------------------------|---|----------------------|
| <input checked="" type="checkbox"/> |  | Filtration |
| <input type="checkbox"/> |  | Reinforcement |
| <input checked="" type="checkbox"/> |  | Separation |
| <input type="checkbox"/> |  | Drainage |
| <input type="checkbox"/> |  | Protection |

Durability

- To be covered within 1 month 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.
- Terralys geotextiles consisting solely of polypropylene 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	26,0	- 3,4	kN/m
Tensile Strength	(CMD)	EN ISO 10319	28,0	- 3,6	kN/m
Elongation	(MD)	EN ISO 10319	27,7	± 6,4	%
Elongation	(CMD)	EN ISO 10319	26,0	± 6,0	%
Dynamic Perforation Resistance		EN ISO 13433	12	+ 3	mm
Resistance to Static Puncture		EN ISO 12236	3,00	- 0,30	kN
Characteristic Opening Size		EN ISO 12956	195	± 59	µm
Water Permeability Normal to the Plane		EN ISO 11058	15	- 5	10 ⁻³ m/s
Mass per unit area *		EN ISO 9864	155,0	± 15,5	g/m ²
Fabric width *			on request	± 5	cm
Fabric length*			on request	± 2	%

* not mandated characteristics for CE-marking