









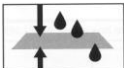
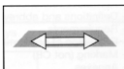


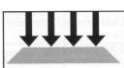


Terralys LF 15/10

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	17,2	-2,2	kN/m
Tensile Strength	(CMD)	EN ISO 10319	11,5	-1,5	kN/m
Elongation	(MD)	EN ISO 10319	15,0	± 3,5	%
Elongation	(CMD)	EN ISO 10319	11,0	± 2,5	%
Dynamic Perforation Resistance		EN ISO 13433	25	+ 6	mm
Resistance to Static Puncture		EN ISO 12236	1,90	- 0,40	kN
Characteristic Opening Size		EN ISO 12956	180	± 54	µm
Water Permeability Normal to the Plane		EN ISO 11058	20	- 6	10 ⁻³ m/s
Mass per unit area *		EN ISO 9864	70,0	± 7,0	g/m ²
Fabric width *			on request	± 5	cm
Fabric length*			on request	± 2	%

* not mandated characteristics for CE-marking