
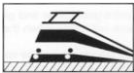





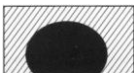


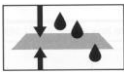
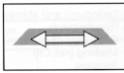
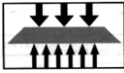

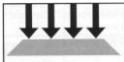


# Terralys LF 57/57

## Intended use

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

## Functions

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

## 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	<b>57,00</b>	- 7,00	kN/m
Tensile Strength	(CMD)	EN ISO 10319	<b>57,00</b>	- 7,00	kN/m
Elongation	(MD)	EN ISO 10319	<b>14,0</b>	± 4,0	%
Elongation	(CMD)	EN ISO 10319	<b>14,0</b>	± 4,0	%
Dynamic Perforation Resistance		EN ISO 13433	<b>9</b>	+ 2	mm
Resistance to Static Puncture		EN ISO 12236	<b>5,60</b>	- 1,10	kN
Characteristic Opening Size		EN ISO 12956	<b>240</b>	± 72	µm
Water Permeability Normal to the Plane		EN ISO 11058	<b>22</b>	- 6	10 <sup>-3</sup> m/s
Mass per unit area *		EN ISO 9864	<b>228</b>	± 23	g/m <sup>2</sup>
Fabric width *			<b>on request</b>	± 5	cm
Fabric length*			<b>on request</b>	± 2	%

\* not mandated characteristics for CE-marking