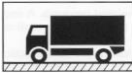
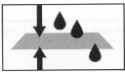

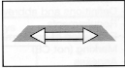
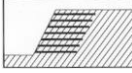
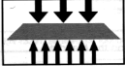




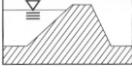
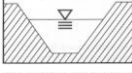







# Terralys LF 29/29 W

Intended use		Functions	
<input checked="" type="checkbox"/>	 <b>EN 13249</b> Construction of roads and other trafficked areas	<input checked="" type="checkbox"/>	 <b>Filtration</b>
<input checked="" type="checkbox"/>	 <b>EN 13250</b> Construction of railways	<input checked="" type="checkbox"/>	 <b>Reinforcement</b>
<input checked="" type="checkbox"/>	 <b>EN 13251</b> Earthworks, foundations and retaining structures	<input checked="" type="checkbox"/>	 <b>Separation</b>
<input checked="" type="checkbox"/>	 <b>EN 13252</b> Drainage systems	<input type="checkbox"/>	 <b>Drainage</b>
<input checked="" type="checkbox"/>	 <b>EN 13253</b> Erosion control works	<input type="checkbox"/>	 <b>Protection</b>
<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		

## 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 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 of strength is > 50 %.

Properties		Standard	Average	Tolerance
Tensile Strength	(MD)	EN ISO 10319	<b>29,00</b>	- 4,00
Tensile Strength	(CMD)	EN ISO 10319	<b>29,00</b>	- 4,00
Elongation	(MD)	EN ISO 10319	<b>26,0</b>	± 6,0
Elongation	(CMD)	EN ISO 10319	<b>26,0</b>	± 6,0
Dynamic Perforation Resistance		EN ISO 13433	<b>10</b>	+ 3
Resistance to Static Puncture		EN ISO 12236	<b>3,85</b>	- 0,60
Characteristic Opening Size		EN ISO 12956	<b>330</b>	± 70
Water Permeability Normal to the Plane		EN ISO 11058	<b>48</b>	- 14
Mass per unit area *		EN ISO 9864	<b>159</b>	± 16
Fabric width *			<b>on request</b>	± 5
Fabric length*			<b>on request</b>	± 2

\* not mandated characteristics for CE-marking

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n.  
years  
soil

propylene  
according to  
percentage retained

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**Unit**

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kN/m

kN/m

%

%

mm

kN

µm

10<sup>-3</sup> m/s

g/m<sup>2</sup>

cm

%